

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 16:22:12]

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

OUT RELAY pin= 1, cur= 9.3132e-09
OUT RELAY pin= 2, cur= 1.1176e-08
OUT RELAY pin= 3, cur= 1.1176e-08
OUT RELAY pin= 4, cur= 1.4901e-08
OUT RELAY pin= 5, cur= 1.3039e-08
OUT RELAY pin= 6, cur= 1.1176e-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= 1.4901e-08
OUT RELAY pin= 11, cur= 1.8626e-08
OUT RELAY pin= 12, cur= 1.3039e-08
OUT RELAY pin= 13, cur= 1.4901e-08
OUT RELAY pin= 14, cur= 9.3132e-09
OUT RELAY pin= 15, cur= 1.3039e-08
OUT RELAY pin= 16, cur= 1.4901e-08
OUT RELAY pin= 17, cur= 9.3132e-09
OUT RELAY pin= 18, cur= 9.3132e-09
OUT RELAY pin= 19, cur= 1.8626e-08

OUT RELAY pin= 20, cur= 1.6764e-08
OUT RELAY pin= 21, cur= 1.1176e-08
OUT RELAY pin= 22, cur= 1.1176e-08
OUT RELAY pin= 23, cur= 1.1176e-08
OUT RELAY pin= 24, cur= 1.3039e-08
OUT RELAY pin= 25, cur= 1.4901e-08
OUT RELAY pin= 26, cur= 1.3039e-08
OUT RELAY pin= 27, cur= 1.4901e-08
OUT RELAY pin= 28, cur= 1.3039e-08
OUT RELAY pin= 29, cur= 1.4901e-08
OUT RELAY pin= 30, cur= 1.1176e-08
OUT RELAY pin= 31, cur= 1.4901e-08
OUT RELAY pin= 32, cur= 1.4901e-08
OUT RELAY pin= 33, cur= 5.5879e-09
OUT RELAY pin= 34, cur= 1.1176e-08
OUT RELAY pin= 35, cur= 1.3039e-08
OUT RELAY pin= 36, cur= 2.2352e-08
OUT RELAY pin= 37, cur= 1.1176e-08
OUT RELAY pin= 38, cur= 5.5879e-09
OUT RELAY pin= 39, cur= 1.1176e-08
OUT RELAY pin= 40, cur= 1.1176e-08
OUT RELAY pin= 41, cur= 1.4901e-08
OUT RELAY pin= 42, cur= 1.1176e-08
OUT RELAY pin= 43, cur= 1.6764e-08
OUT RELAY pin= 44, cur= 1.3039e-08
OUT RELAY pin= 45, cur= 1.1176e-08
OUT RELAY pin= 46, cur= 1.4901e-08
OUT RELAY pin= 47, cur= 1.6764e-08
OUT RELAY pin= 48, cur= 1.4901e-08
OUT RELAY pin= 49, cur= 1.4901e-08
OUT RELAY pin= 50, cur= 1.3039e-08
OUT RELAY pin= 51, cur= 1.4901e-08
OUT RELAY pin= 52, cur= 1.1176e-08
OUT RELAY pin= 53, cur= 1.4901e-08
OUT RELAY pin= 54, cur= 1.1176e-08
OUT RELAY pin= 55, cur= 1.1176e-08

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

OUT RELAY pin=164, cur= 1.4901e-08
OUT RELAY pin=165, cur= 1.3039e-08
OUT RELAY pin=166, cur= 9.3132e-09
OUT RELAY pin=167, cur= 1.3039e-08
OUT RELAY pin=168, cur= 1.1176e-08
OUT RELAY pin=169, cur= 1.3039e-08
OUT RELAY pin=170, cur= 5.5879e-09
OUT RELAY pin=171, cur= 1.1176e-08
OUT RELAY pin=172, cur= 2.6077e-08
OUT RELAY pin=173, cur= 9.3132e-09
OUT RELAY pin=174, cur= 1.1176e-08
OUT RELAY pin=175, cur= 5.5879e-09
OUT RELAY pin=176, cur= 1.6764e-08
OUT RELAY pin=177, cur= 1.4901e-08
OUT RELAY pin=178, cur= 7.4506e-09
OUT RELAY pin=179, cur= 1.4901e-08
OUT RELAY pin=180, cur= 1.3039e-08
OUT RELAY pin=181, cur= 9.3132e-09
OUT RELAY pin=182, cur= 1.1176e-08
OUT RELAY pin=183, cur= 1.4901e-08
OUT RELAY pin=184, cur= 1.3039e-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
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DC RELAY pin= 16, alarm=08
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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
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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
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DC RELAY pin=150, alarm=08
DC RELAY pin=151, alarm=08
DC RELAY pin=152, alarm=08
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DC RELAY pin=160, alarm=08
DC RELAY pin=161, alarm=08
DC RELAY pin=162, alarm=08
DC RELAY pin=163, alarm=08
DC RELAY pin=164, alarm=08
DC RELAY pin=165, alarm=08
DC RELAY pin=166, alarm=08
DC RELAY pin=167, alarm=08
DC RELAY pin=168, alarm=08
DC RELAY pin=169, alarm=08
DC RELAY pin=170, alarm=08
DC RELAY pin=171, alarm=08
DC RELAY pin=172, alarm=08
DC RELAY pin=173, alarm=08
DC RELAY pin=174, alarm=08
DC RELAY pin=175, alarm=08
DC RELAY pin=176, alarm=08
DC RELAY pin=177, alarm=08
DC RELAY pin=178, alarm=08
DC RELAY pin=179, alarm=08
DC RELAY pin=180, alarm=08
DC RELAY pin=181, alarm=08
DC RELAY pin=182, alarm=08
DC RELAY pin=183, alarm=08
DC RELAY pin=184, alarm=08

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

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

OUT RELAY ch= 1, cur= 1.4901e-08
OUT RELAY ch= 2, cur= 1.3039e-08
OUT RELAY ch= 3, cur= 1.4901e-08
OUT RELAY ch= 4, cur= 1.4901e-08
DC RELAY ch= 1, alarm=08
DC RELAY ch= 2, alarm=08
DC RELAY ch= 3, alarm=08
DC RELAY ch= 4, alarm=08

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

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

IN RELAY lcdpin= 1, V= 9.5732
IN RELAY lcdpin= 2, V= 9.3076
IN RELAY lcdpin= 3, V= 9.2920
IN RELAY lcdpin= 4, V= 9.2969
IN RELAY lcdpin= 5, V= 9.4219
IN RELAY lcdpin= 6, V= 9.4131
IN RELAY lcdpin= 7, V= 9.4775
IN RELAY lcdpin= 8, V= 9.3740
IN RELAY lcdpin= 9, V= 9.6279
IN RELAY lcdpin= 10, V= 9.6875
IN RELAY lcdpin= 11, V= 9.5781
IN RELAY lcdpin= 12, V= 9.5010
IN RELAY lcdpin= 13, V= 9.6035
IN RELAY lcdpin= 14, V= 9.6514
IN RELAY lcdpin= 15, V= 9.8096
IN RELAY lcdpin= 16, V= 9.7822
IN RELAY lcdpin= 17, V= 9.8477
IN RELAY lcdpin= 18, V= 9.7393
IN RELAY lcdpin= 19, V= 9.7705
IN RELAY lcdpin= 20, V= 9.7236
IN RELAY lcdpin= 21, V= 9.8633
IN RELAY lcdpin= 22, V= 9.8584
IN RELAY lcdpin= 23, V= 9.8271
IN RELAY lcdpin= 24, V= 9.8408
IN RELAY lcdpin= 25, V= 9.9531
IN RELAY lcdpin= 26, V= 9.9541
IN RELAY lcdpin= 27, V= 9.8848
IN RELAY lcdpin= 28, V= 9.8633
IN RELAY lcdpin= 29, V= 9.8926
IN RELAY lcdpin= 30, V= 9.9150
IN RELAY lcdpin= 31, V= 9.9893
IN RELAY lcdpin= 32, V= 9.9541
IN RELAY lcdpin= 33, V= 9.8359
IN RELAY lcdpin= 34, V= 9.7568
IN RELAY lcdpin= 35, V= 9.7754

IN RELAY lcdpin= 36, V= 9.7207
IN RELAY lcdpin= 37, V= 9.8662
IN RELAY lcdpin= 38, V= 9.8682
IN RELAY lcdpin= 39, V= 9.8379
IN RELAY lcdpin= 40, V= 9.8594
IN RELAY lcdpin= 41, V= 9.9277
IN RELAY lcdpin= 42, V= 9.9521
IN RELAY lcdpin= 43, V= 9.8896
IN RELAY lcdpin= 44, V= 9.8594
IN RELAY lcdpin= 45, V= 9.8926
IN RELAY lcdpin= 46, V= 9.9131
IN RELAY lcdpin= 47, V= 9.9844
IN RELAY lcdpin= 48, V= 9.9541
IN RELAY lcdpin= 49, V= 9.8398
IN RELAY lcdpin= 50, V= 9.7676
IN RELAY lcdpin= 51, V= 9.7900
IN RELAY lcdpin= 52, V= 9.7490
IN RELAY lcdpin= 53, V= 9.9023
IN RELAY lcdpin= 54, V= 9.8994
IN RELAY lcdpin= 55, V= 9.8545
IN RELAY lcdpin= 56, V= 9.8799
IN RELAY lcdpin= 57, V= 9.9814
IN RELAY lcdpin= 58, V= 9.9746
IN RELAY lcdpin= 59, V= 9.9092
IN RELAY lcdpin= 60, V= 9.8887
IN RELAY lcdpin= 61, V= 9.9287
IN RELAY lcdpin= 62, V= 9.9414
IN RELAY lcdpin= 63, V= 10.0020
IN RELAY lcdpin= 64, V= 9.9746
IN RELAY lcdpin= 65, V= 9.8594
IN RELAY lcdpin= 66, V= 9.7783
IN RELAY lcdpin= 67, V= 9.8193
IN RELAY lcdpin= 68, V= 9.7588
IN RELAY lcdpin= 69, V= 9.9160
IN RELAY lcdpin= 70, V= 9.9062
IN RELAY lcdpin= 71, V= 9.8740

IN RELAY lcdpin= 72, V= 9.9043
IN RELAY lcdpin= 73, V= 9.9541
IN RELAY lcdpin= 74, V= 9.9863
IN RELAY lcdpin= 75, V= 9.9297
IN RELAY lcdpin= 76, V= 9.8975
IN RELAY lcdpin= 77, V= 9.9170
IN RELAY lcdpin= 78, V= 9.9541
IN RELAY lcdpin= 79, V= 10.0039
IN RELAY lcdpin= 80, V= 9.9736
IN RELAY lcdpin= 81, V= 9.8291
IN RELAY lcdpin= 82, V= 9.7510
IN RELAY lcdpin= 83, V= 9.7490
IN RELAY lcdpin= 84, V= 9.7295
IN RELAY lcdpin= 85, V= 9.8662
IN RELAY lcdpin= 86, V= 9.8721
IN RELAY lcdpin= 87, V= 9.8486
IN RELAY lcdpin= 88, V= 9.8643
IN RELAY lcdpin= 89, V= 9.9551
IN RELAY lcdpin= 90, V= 9.9434
IN RELAY lcdpin= 91, V= 9.9023
IN RELAY lcdpin= 92, V= 9.8721
IN RELAY lcdpin= 93, V= 9.9082
IN RELAY lcdpin= 94, V= 9.9238
IN RELAY lcdpin= 95, V= 9.9805
IN RELAY lcdpin= 96, V= 9.9502
IN RELAY lcdpin= 97, V= 9.8389
IN RELAY lcdpin= 98, V= 9.7578
IN RELAY lcdpin= 99, V= 9.7803
IN RELAY lcdpin=100, V= 9.7461
IN RELAY lcdpin=101, V= 9.8770
IN RELAY lcdpin=102, V= 9.8682
IN RELAY lcdpin=103, V= 9.8535
IN RELAY lcdpin=104, V= 9.8721
IN RELAY lcdpin=105, V= 9.9268
IN RELAY lcdpin=106, V= 9.9580
IN RELAY lcdpin=107, V= 9.8965

IN RELAY lcdpin=108, V= 9.8760
IN RELAY lcdpin=109, V= 9.9072
IN RELAY lcdpin=110, V= 9.9219
IN RELAY lcdpin=111, V= 10.0068
IN RELAY lcdpin=112, V= 9.9561
IN RELAY lcdpin=113, V= 9.8359
IN RELAY lcdpin=114, V= 9.7607
IN RELAY lcdpin=115, V= 9.7744
IN RELAY lcdpin=116, V= 9.7334
IN RELAY lcdpin=117, V= 9.8662
IN RELAY lcdpin=118, V= 9.8701
IN RELAY lcdpin=119, V= 9.8340
IN RELAY lcdpin=120, V= 9.8584
IN RELAY lcdpin=121, V= 9.9551
IN RELAY lcdpin=122, V= 9.9521
IN RELAY lcdpin=123, V= 9.9014
IN RELAY lcdpin=124, V= 9.8701
IN RELAY lcdpin=125, V= 9.8984
IN RELAY lcdpin=126, V= 9.9268
IN RELAY lcdpin=127, V= 9.9814
IN RELAY lcdpin=128, V= 9.9434
IN RELAY lcdpin=129, V= 9.8320
IN RELAY lcdpin=130, V= 9.7637
IN RELAY lcdpin=131, V= 9.7705
IN RELAY lcdpin=132, V= 9.7305
IN RELAY lcdpin=133, V= 9.8711
IN RELAY lcdpin=134, V= 9.8799
IN RELAY lcdpin=135, V= 9.8545
IN RELAY lcdpin=136, V= 9.8613
IN RELAY lcdpin=137, V= 9.9307
IN RELAY lcdpin=138, V= 9.9502
IN RELAY lcdpin=139, V= 9.8994
IN RELAY lcdpin=140, V= 9.8760
IN RELAY lcdpin=141, V= 9.9131
IN RELAY lcdpin=142, V= 9.9189
IN RELAY lcdpin=143, V= 9.9873

IN RELAY lcdpin=144, V= 9.9463
IN RELAY lcdpin=145, V= 9.8311
IN RELAY lcdpin=146, V= 9.7559
IN RELAY lcdpin=147, V= 9.7734
IN RELAY lcdpin=148, V= 9.7344
IN RELAY lcdpin=149, V= 9.8789
IN RELAY lcdpin=150, V= 9.8838
IN RELAY lcdpin=151, V= 9.8545
IN RELAY lcdpin=152, V= 9.8682
IN RELAY lcdpin=153, V= 9.9551
IN RELAY lcdpin=154, V= 9.9658
IN RELAY lcdpin=155, V= 9.8984
IN RELAY lcdpin=156, V= 9.8828
IN RELAY lcdpin=157, V= 9.9082
IN RELAY lcdpin=158, V= 9.9355
IN RELAY lcdpin=159, V= 10.0039
IN RELAY lcdpin=160, V= 9.9561
IN RELAY lcdpin=161, V= 9.8428
IN RELAY lcdpin=162, V= 9.7607
IN RELAY lcdpin=163, V= 9.7666
IN RELAY lcdpin=164, V= 9.7344
IN RELAY lcdpin=165, V= 9.8652
IN RELAY lcdpin=166, V= 9.8750
IN RELAY lcdpin=167, V= 9.8359
IN RELAY lcdpin=168, V= 9.8555
IN RELAY lcdpin=169, V= 9.9346
IN RELAY lcdpin=170, V= 9.9512
IN RELAY lcdpin=171, V= 9.8994
IN RELAY lcdpin=172, V= 9.8691
IN RELAY lcdpin=173, V= 9.8936
IN RELAY lcdpin=174, V= 9.9268
IN RELAY lcdpin=175, V= 9.9805
IN RELAY lcdpin=176, V= 9.9590
IN RELAY lcdpin=177, V= 9.8330
IN RELAY lcdpin=178, V= 9.7549
IN RELAY lcdpin=179, V= 9.7451

IN RELAY lcdpin=180, V= 9.7275
IN RELAY lcdpin=181, V= 9.8779
IN RELAY lcdpin=182, V= 9.8799
IN RELAY lcdpin=183, V= 9.8457
IN RELAY lcdpin=184, V= 9.8594
IN RELAY lcdpin=185, V= 9.9463
IN RELAY lcdpin=186, V= 9.9600
IN RELAY lcdpin=187, V= 9.8857
IN RELAY lcdpin=188, V= 9.8682
IN RELAY lcdpin=189, V= 9.8975
IN RELAY lcdpin=190, V= 9.9111
IN RELAY lcdpin=191, V= 9.9980
IN RELAY lcdpin=192, V= 9.9570
IN RELAY lcdpin=193, V= 9.8311
IN RELAY lcdpin=194, V= 9.7559
IN RELAY lcdpin=195, V= 9.7881
IN RELAY lcdpin=196, V= 9.7217
IN RELAY lcdpin=197, V= 9.8750
IN RELAY lcdpin=198, V= 9.8721
IN RELAY lcdpin=199, V= 9.8594
IN RELAY lcdpin=200, V= 9.8604
IN RELAY lcdpin=201, V= 9.9229
IN RELAY lcdpin=202, V= 9.9600
IN RELAY lcdpin=203, V= 9.9131
IN RELAY lcdpin=204, V= 9.8574
IN RELAY lcdpin=205, V= 9.9043
IN RELAY lcdpin=206, V= 9.9287
IN RELAY lcdpin=207, V= 10.0059
IN RELAY lcdpin=208, V= 9.9551
IN RELAY lcdpin=209, V= 9.8252
IN RELAY lcdpin=210, V= 9.7686
IN RELAY lcdpin=211, V= 9.7520
IN RELAY lcdpin=212, V= 9.7275
IN RELAY lcdpin=213, V= 9.8691
IN RELAY lcdpin=214, V= 9.8721
IN RELAY lcdpin=215, V= 9.8584

IN RELAY lcdpin=216, V= 9.8652
IN RELAY lcdpin=217, V= 9.9531
IN RELAY lcdpin=218, V= 9.9658
IN RELAY lcdpin=219, V= 9.9004
IN RELAY lcdpin=220, V= 9.8682
IN RELAY lcdpin=221, V= 9.8984
IN RELAY lcdpin=222, V= 9.9316
IN RELAY lcdpin=223, V= 10.0000
IN RELAY lcdpin=224, V= 9.9619
IN RELAY lcdpin=225, V= 9.8271
IN RELAY lcdpin=226, V= 9.7471
IN RELAY lcdpin=227, V= 9.7588
IN RELAY lcdpin=228, V= 9.7305
IN RELAY lcdpin=229, V= 9.8701
IN RELAY lcdpin=230, V= 9.8613
IN RELAY lcdpin=231, V= 9.8438
IN RELAY lcdpin=232, V= 9.8525
IN RELAY lcdpin=233, V= 9.9248
IN RELAY lcdpin=234, V= 9.9492
IN RELAY lcdpin=235, V= 9.8936
IN RELAY lcdpin=236, V= 9.8672
IN RELAY lcdpin=237, V= 9.9072
IN RELAY lcdpin=238, V= 9.9238
IN RELAY lcdpin=239, V= 9.9902
IN RELAY lcdpin=240, V= 9.9395
IN RELAY lcdpin=241, V= 9.8291
IN RELAY lcdpin=242, V= 9.7529
IN RELAY lcdpin=243, V= 9.7793
IN RELAY lcdpin=244, V= 9.7217
IN RELAY lcdpin=245, V= 9.8662
IN RELAY lcdpin=246, V= 9.8711
IN RELAY lcdpin=247, V= 9.8408
IN RELAY lcdpin=248, V= 9.8613
IN RELAY lcdpin=249, V= 9.9512
IN RELAY lcdpin=250, V= 9.9609
IN RELAY lcdpin=251, V= 9.8975

IN RELAY lcdpin=252, V= 9.8447
IN RELAY lcdpin=253, V= 9.8926
IN RELAY lcdpin=254, V= 9.9229
IN RELAY lcdpin=255, V= 9.9893
IN RELAY lcdpin=256, V= 9.9551
IN RELAY lcdpin=257, V= 9.8252
IN RELAY lcdpin=258, V= 9.7461
IN RELAY lcdpin=259, V= 9.7695
IN RELAY lcdpin=260, V= 9.7363
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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>

CONN pin= 17- 18, R=0.20 i1= 0.02 v1= 1.1655 v2= 1.1616
CONN pin= 19- 20, R=0.31 i1= 0.02 v1= 1.1104 v2= 1.1045
CONN pin= 21- 22, R=0.28 i1= 0.02 v1= 1.1243 v2= 1.1191
CONN pin= 23- 24, R=1.52 i1= 0.02 v1= 1.1619 v2= 1.1335
CONN pin= 25- 26, R=0.26 i1= 0.02 v1= 1.1824 v2= 1.1775
CONN pin= 27- 28, R=0.18 i1= 0.02 v1= 1.1335 v2= 1.1301
CONN pin= 29- 30, R=0.31 i1= 0.02 v1= 1.1814 v2= 1.1755
CONN pin= 31- 32, R=0.27 i1= 0.02 v1= 1.1970 v2= 1.1919
CONN pin= 33- 34, R=0.66 i1= 0.02 v1= 1.0913 v2= 1.0789
CONN pin= 35- 36, R=0.36 i1= 0.02 v1= 1.1157 v2= 1.1089
CONN pin= 37- 38, R=0.38 i1= 0.02 v1= 1.1199 v2= 1.1128
CONN pin= 39- 40, R=0.27 i1= 0.02 v1= 1.1411 v2= 1.1360
CONN pin= 41- 42, R=0.24 i1= 0.02 v1= 1.1379 v2= 1.1333
CONN pin= 43- 44, R=0.23 i1= 0.02 v1= 1.1250 v2= 1.1206
CONN pin= 45- 46, R=0.26 i1= 0.02 v1= 1.1018 v2= 1.0969
CONN pin= 47- 48, R=0.23 i1= 0.02 v1= 1.1194 v2= 1.1150
CONN pin= 49- 50, R=0.24 i1= 0.02 v1= 1.1057 v2= 1.1013
CONN pin= 51- 52, R=0.47 i1= 0.02 v1= 1.1353 v2= 1.1265
CONN pin= 53- 54, R=0.18 i1= 0.02 v1= 1.0837 v2= 1.0803
CONN pin= 55- 56, R=0.19 i1= 0.02 v1= 1.1094 v2= 1.1060
CONN pin=129-130, R=0.55 i1= 0.02 v1= 1.1038 v2= 1.0935
CONN pin=131-132, R=0.23 i1= 0.02 v1= 1.1111 v2= 1.1067
CONN pin=133-134, R=0.31 i1= 0.02 v1= 1.1162 v2= 1.1104
CONN pin=135-136, R=1.02 i1= 0.02 v1= 1.1006 v2= 1.0813
CONN pin=137-138, R=0.30 i1= 0.02 v1= 1.0964 v2= 1.0908
CONN pin=139-140, R=0.23 i1= 0.02 v1= 1.1077 v2= 1.1033
CONN pin=141-142, R=0.40 i1= 0.02 v1= 1.0791 v2= 1.0715
CONN pin=143-144, R=0.19 i1= 0.02 v1= 1.1018 v2= 1.0981
CONN pin=145-146, R=0.28 i1= 0.02 v1= 1.0964 v2= 1.0911
CONN pin=147-148, R=0.22 i1= 0.02 v1= 1.1589 v2= 1.1548
CONN pin=149-150, R=0.25 i1= 0.02 v1= 1.1416 v2= 1.1370
CONN pin=151-152, R=0.22 i1= 0.02 v1= 1.1577 v2= 1.1536
CONN pin=153-154, R=0.17 i1= 0.02 v1= 1.0876 v2= 1.0845
CONN pin=155-156, R=0.17 i1= 0.02 v1= 1.0898 v2= 1.0867
CONN pin=157-158, R=0.25 i1= 0.02 v1= 1.1199 v2= 1.1152
CONN pin=159-160, R=0.20 i1= 0.02 v1= 1.1287 v2= 1.1250

CONN pin=161-162, R=0.14 i1= 0.02 v1= 1.1011 v2= 1.0984
CONN pin=163-164, R=0.18 i1= 0.02 v1= 1.1150 v2= 1.1116
CONN pin=165-166, R=0.24 i1= 0.02 v1= 1.1118 v2= 1.1074
CONN pin=167-168, R=0.24 i1= 0.02 v1= 1.0986 v2= 1.0942
CONN pin=169-170, R=0.22 i1= 0.02 v1= 1.1794 v2= 1.1753
CONN pin=171-172, R=0.26 i1= 0.01 v1= 1.0562 v2= 1.0530
CONN pin=173-174, R=0.20 i1= 0.02 v1= 1.0933 v2= 1.0894
CONN pin=175-176, R=0.98 i1= 0.02 v1= 1.1716 v2= 1.1533
CONN pin=177-178, R=0.20 i1= 0.02 v1= 1.1006 v2= 1.0969
CONN pin=179-180, R=0.18 i1= 0.02 v1= 1.1152 v2= 1.1118
CONN pin=181-182, R=0.21 i1= 0.02 v1= 1.1621 v2= 1.1582
CONN pin=183-184, R=0.18 i1= 0.02 v1= 1.0435 v2= 1.0400
CONN lcdpin= 1- 2 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 2- 3 R=2.94 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 3- 4 R=3.24 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 5- 6 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 7- 8 R=3.42 v1= 0.0269 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 9- 10 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 11- 12 R=3.11 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin= 13- 14 R=5.00 v1= 0.0330 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 15- 16 R=2.87 v1= 0.0234 i1= 0.0040 v2= 0.0120 i2= 0.0040
CONN lcdpin= 17- 18 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin= 19- 20 R=3.72 v1= 0.0278 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 21- 22 R=3.48 v1= 0.0266 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 23- 24 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 25- 26 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 27- 28 R=3.17 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 29- 30 R=3.17 v1= 0.0251 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin= 31- 32 R=3.18 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 33- 34 R=3.78 v1= 0.0291 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 35- 36 R=3.85 v1= 0.0288 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 37- 38 R=3.84 v1= 0.0288 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 39- 40 R=3.17 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 41- 42 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 43- 44 R=3.42 v1= 0.0264 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 45- 46 R=4.88 v1= 0.0327 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin= 47- 48 R=5.44 v1= 0.0347 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 49- 50 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 51- 52 R=3.54 v1= 0.0273 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 53- 54 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 55- 56 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 57- 58 R=2.74 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 59- 60 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 61- 62 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 63- 64 R=3.18 v1= 0.0251 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin= 65- 66 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin= 67- 68 R=3.17 v1= 0.0264 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= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 73- 74 R=2.81 v1= 0.0239 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 75- 76 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 77- 78 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 79- 80 R=3.06 v1= 0.0244 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 81- 82 R=3.17 v1= 0.0271 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin= 83- 84 R=3.72 v1= 0.0286 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 85- 86 R=3.24 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 87- 88 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 89- 90 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 91- 92 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 93- 94 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 95- 96 R=3.06 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 97- 98 R=2.80 v1= 0.0259 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin= 99-100 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=101-102 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=103-104 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=105-106 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=107-108 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=109-110 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=111-112 R=3.24 v1= 0.0256 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=113-114 R=3.23 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=115-116 R=3.54 v1= 0.0281 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=117-118 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=119-120 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=121-122 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=123-124 R=3.11 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=125-126 R=2.92 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=127-128 R=3.30 v1= 0.0261 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=129-130 R=3.09 v1= 0.0273 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=131-132 R=3.82 v1= 0.0291 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=133-134 R=4.37 v1= 0.0322 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=135-136 R=2.97 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=137-138 R=2.67 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=139-140 R=7.57 v1= 0.0439 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=141-142 R=2.97 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=143-144 R=3.15 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=145-146 R=3.22 v1= 0.0283 i1= 0.0040 v2= 0.0154 i2= 0.0040
CONN lcdpin=147-148 R=4.38 v1= 0.0325 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=149-150 R=3.41 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=151-152 R=3.11 v1= 0.0271 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=153-154 R=3.83 v1= 0.0298 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=155-156 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=157-158 R=2.98 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=159-160 R=3.16 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=161-162 R=3.17 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=163-164 R=3.17 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=165-166 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=167-168 R=2.93 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=169-170 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=171-172 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=173-174 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=175-176 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=177-178 R=3.05 v1= 0.0266 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=179-180 R=3.17 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=181-182 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=183-184 R=2.74 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=185-186 R=2.50 v1= 0.0239 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=187-188 R=2.68 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=189-190 R=2.38 v1= 0.0229 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=191-192 R=2.98 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=193-194 R=2.93 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=195-196 R=3.53 v1= 0.0281 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=197-198 R=3.11 v1= 0.0269 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=199-200 R=3.04 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=201-202 R=2.68 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=203-204 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=205-206 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=207-208 R=3.29 v1= 0.0254 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=209-210 R=2.94 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=211-212 R=3.30 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=213-214 R=2.94 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=215-216 R=2.76 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=217-218 R=2.63 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=219-220 R=2.81 v1= 0.0239 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=221-222 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=223-224 R=3.48 v1= 0.0266 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=225-226 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=227-228 R=3.54 v1= 0.0271 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=229-230 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=231-232 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=233-234 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=235-236 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=237-238 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=239-240 R=3.12 v1= 0.0254 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=241-242 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=243-244 R=3.36 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=245-246 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=247-248 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=249-250 R=2.50 v1= 0.0237 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=251-252 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=253-254 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=255-256 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=257-258 R=3.05 v1= 0.0266 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=259-260 R=3.36 v1= 0.0269 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=261-262 R=3.12 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=263-264 R=3.12 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=265-266 R=2.80 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=267-268 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=269-270 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=271-272 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=273-274 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=275-276 R=3.17 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=277-278 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=279-280 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=281-282 R=2.51 v1= 0.0229 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=283-284 R=2.74 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=285-286 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=287-288 R=2.87 v1= 0.0239 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=289-290 R=2.74 v1= 0.0254 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=291-292 R=3.28 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=293-294 R=2.92 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=295-296 R=5.17 v1= 0.0344 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=297-298 R=3.16 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=299-300 R=6.74 v1= 0.0403 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=301-302 R=2.92 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=303-304 R=3.34 v1= 0.0261 i1= 0.0040 v2= 0.0127 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=3.60 v1= 0.0276 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=309-310 R=2.81 v1= 0.0256 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=311-312 R=2.86 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=313-314 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=315-316 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=317-318 R=4.76 v1= 0.0325 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=319-320 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=321-322 R=3.12 v1= 0.0276 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=323-324 R=3.43 v1= 0.0283 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=325-326 R=3.12 v1= 0.0283 i1= 0.0040 v2= 0.0159 i2= 0.0040
CONN lcdpin=327-328 R=3.12 v1= 0.0293 i1= 0.0040 v2= 0.0168 i2= 0.0040
CONN lcdpin=329-330 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=331-332 R=3.36 v1= 0.0281 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=333-334 R=3.00 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040

CONN lcdpin=335-336 R=3.12 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=337-338 R=2.86 v1= 0.0261 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=339-340 R=3.29 v1= 0.0273 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=341-342 R=2.99 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=343-344 R=2.80 v1= 0.0259 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=345-346 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=347-348 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=349-350 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=351-352 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=353-354 R=2.69 v1= 0.0259 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=355-356 R=3.00 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=357-358 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=359-360 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=361-362 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=363-364 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=365-366 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=367-368 R=2.75 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=385-386 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=387-388 R=3.29 v1= 0.0273 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=389-390 R=3.11 v1= 0.0271 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=391-392 R=2.99 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=393-394 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=395-396 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=397-398 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=399-400 R=3.12 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=401-402 R=3.55 v1= 0.0283 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=403-404 R=3.55 v1= 0.0283 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=405-406 R=3.36 v1= 0.0276 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=407-408 R=3.05 v1= 0.0271 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=409-410 R=3.06 v1= 0.0266 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=411-412 R=3.18 v1= 0.0269 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=413-414 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=415-416 R=3.30 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=417-418 R=3.11 v1= 0.0269 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=419-420 R=3.60 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=421-422 R=3.48 v1= 0.0281 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=423-424 R=3.29 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=425-426 R=3.04 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=427-428 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=429-430 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=431-432 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=433-434 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=435-436 R=3.36 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=437-438 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=439-440 R=2.80 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=441-442 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=443-444 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=445-446 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=447-448 R=3.17 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=449-450 R=3.23 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=451-452 R=4.09 v1= 0.0295 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=453-454 R=3.48 v1= 0.0276 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=455-456 R=3.29 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=457-458 R=2.93 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=459-460 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=461-462 R=3.17 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=463-464 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=465-466 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=467-468 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=469-470 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=471-472 R=3.29 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=473-474 R=2.62 v1= 0.0242 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=475-476 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=477-478 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=479-480 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=481-482 R=2.86 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=483-484 R=3.23 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=485-486 R=2.98 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=487-488 R=2.93 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=489-490 R=2.61 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=491-492 R=3.04 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=493-494 R=2.80 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040

CONN lcdpin=495-496 R=2.98 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=497-498 R=3.17 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=499-500 R=3.54 v1= 0.0281 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=501-502 R=3.29 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=503-504 R=2.98 v1= 0.0259 i1= 0.0040 v2= 0.0139 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=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=509-510 R=3.11 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=511-512 R=3.84 v1= 0.0283 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=513-514 R=2.81 v1= 0.0239 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=515-516 R=3.06 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=517-518 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=519-520 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=521-522 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=523-524 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=525-526 R=2.57 v1= 0.0242 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=527-528 R=2.88 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=529-530 R=2.69 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=531-532 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=533-534 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=535-536 R=11.59 v1= 0.0601 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=537-538 R=2.50 v1= 0.0237 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=539-540 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=541-542 R=2.69 v1= 0.0239 i1= 0.0040 v2= 0.0132 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=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=547-548 R=3.42 v1= 0.0271 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=549-550 R=4.39 v1= 0.0320 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=551-552 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=553-554 R=3.00 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=555-556 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=557-558 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=559-560 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=561-562 R=3.35 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=563-564 R=3.96 v1= 0.0295 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=565-566 R=3.66 v1= 0.0278 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=567-568 R=3.41 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=569-570 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=571-572 R=3.24 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=573-574 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=575-576 R=6.46 v1= 0.0400 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=577-578 R=3.41 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=579-580 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=581-582 R=3.05 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=583-584 R=2.93 v1= 0.0264 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=585-586 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=587-588 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=589-590 R=3.23 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=591-592 R=4.40 v1= 0.0312 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=593-594 R=3.13 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=595-596 R=3.62 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=597-598 R=3.43 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=599-600 R=3.25 v1= 0.0273 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=601-602 R=3.31 v1= 0.0276 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=603-604 R=3.93 v1= 0.0295 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=605-606 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=607-608 R=3.43 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=609-610 R=3.00 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=611-612 R=3.73 v1= 0.0288 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=613-614 R=4.22 v1= 0.0312 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=615-616 R=2.81 v1= 0.0259 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=617-618 R=2.94 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=619-620 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=621-622 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=623-624 R=3.49 v1= 0.0276 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=625-626 R=3.17 v1= 0.0269 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=627-628 R=3.78 v1= 0.0293 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=629-630 R=3.24 v1= 0.0273 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=631-632 R=3.18 v1= 0.0269 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=633-634 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=635-636 R=3.24 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=637-638 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040

CONN lcdpin=639-640 R=3.36 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=641-642 R=2.98 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=643-644 R=3.48 v1= 0.0283 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=645-646 R=3.29 v1= 0.0278 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=647-648 R=2.98 v1= 0.0269 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=649-650 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=651-652 R=2.92 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=653-654 R=2.92 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=655-656 R=3.16 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=657-658 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=659-660 R=3.48 v1= 0.0271 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=661-662 R=3.35 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=663-664 R=4.15 v1= 0.0308 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=665-666 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=667-668 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=669-670 R=6.34 v1= 0.0391 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=671-672 R=3.23 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=673-674 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=675-676 R=3.61 v1= 0.0276 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=677-678 R=3.55 v1= 0.0283 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=679-680 R=3.12 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=681-682 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=683-684 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=685-686 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=687-688 R=6.23 v1= 0.0383 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=689-690 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=691-692 R=3.17 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=693-694 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=695-696 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=697-698 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=699-700 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=701-702 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=703-704 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=705-706 R=2.82 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=707-708 R=11.34 v1= 0.0579 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=709-710 R=3.00 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=711-712 R=2.76 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=713-714 R=2.64 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=715-716 R=2.76 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=717-718 R=2.88 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=719-720 R=2.94 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=721-722 R=2.80 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=723-724 R=3.54 v1= 0.0269 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=725-726 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=727-728 R=3.06 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=729-730 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=731-732 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=733-734 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=735-736 R=3.41 v1= 0.0259 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=737-738 R=2.89 v1= 0.0237 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=739-740 R=3.00 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=741-742 R=2.95 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=743-744 R=2.76 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=745-746 R=2.70 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=747-748 R=2.76 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=749-750 R=2.89 v1= 0.0234 i1= 0.0040 v2= 0.0120 i2= 0.0040
CONN lcdpin=751-752 R=2.89 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
HCLKCONN ch=1 cur=19.79
HCLKCONN ch=2 cur=19.77
HCLKCONN ch=3 cur=19.78
HCLKCONN ch=4 cur=19.78
RELAY pin= 1- 2, volt= 2.2751
RELAY pin= 3- 4, volt= 2.2747
RELAY pin= 5- 6, volt= 2.2751
RELAY pin= 7- 8, volt= 2.2476
RELAY pin= 9- 10, volt= 2.2747
RELAY pin= 11- 12, volt= 2.2751
RELAY pin= 13- 14, volt= 2.2756
RELAY pin= 15- 16, volt= 2.2742
RELAY pin= 17- 18, volt= 2.2749
RELAY pin= 19- 20, volt= 2.2749
RELAY pin= 21- 22, volt= 2.2749

RELAY pin= 23- 24, volt= 2.2268
RELAY pin= 25- 26, volt= 2.2742
RELAY pin= 27- 28, volt= 2.2747
RELAY pin= 29- 30, volt= 2.2732
RELAY pin= 31- 32, volt= 2.2749
RELAY pin= 33- 34, volt= 2.2705
RELAY pin= 35- 36, volt= 2.2727
RELAY pin= 37- 38, volt= 2.2751
RELAY pin= 39- 40, volt= 2.2751
RELAY pin= 41- 42, volt= 2.2749
RELAY pin= 43- 44, volt= 2.2747
RELAY pin= 45- 46, volt= 2.2751
RELAY pin= 47- 48, volt= 2.2754
RELAY pin= 49- 50, volt= 2.2754
RELAY pin= 51- 52, volt= 2.2683
RELAY pin= 53- 54, volt= 2.2756
RELAY pin= 55- 56, volt= 2.2759
RELAY pin=129-130, volt= 2.2747
RELAY pin=131-132, volt= 2.2742
RELAY pin=133-134, volt= 2.2742
RELAY pin=135-136, volt= 2.2415
RELAY pin=137-138, volt= 2.2756
RELAY pin=139-140, volt= 2.2751
RELAY pin=141-142, volt= 2.2761
RELAY pin=143-144, volt= 2.2764
RELAY pin=145-146, volt= 2.2742
RELAY pin=147-148, volt= 2.2756
RELAY pin=149-150, volt= 2.2749
RELAY pin=151-152, volt= 2.2759
RELAY pin=153-154, volt= 2.2754
RELAY pin=155-156, volt= 2.2759
RELAY pin=157-158, volt= 2.2749
RELAY pin=159-160, volt= 2.2759
RELAY pin=161-162, volt= 2.2756
RELAY pin=163-164, volt= 2.2756
RELAY pin=165-166, volt= 2.2751

RELAY pin=167-168, volt= 2.2759
RELAY pin=169-170, volt= 2.2749
RELAY pin=171-172, volt= 2.2727
RELAY pin=173-174, volt= 2.2759
RELAY pin=175-176, volt= 2.2754
RELAY pin=177-178, volt= 2.2756
RELAY pin=179-180, volt= 2.2756
RELAY pin=181-182, volt= 2.2754
RELAY pin=183-184, volt= 2.2759
RELAY lcdpin= 1, volt=2.2322
RELAY lcdpin= 2- 3- 4, volt=2.2307
RELAY lcdpin= 5- 6- 7- 8, volt=2.2288
RELAY lcdpin= 9- 10- 11- 12, volt=2.2280
RELAY lcdpin= 13- 14- 15- 16, volt=2.2053
RELAY lcdpin= 17- 18- 19- 20, volt=2.2312
RELAY lcdpin= 21- 22- 23- 24, volt=2.2268
RELAY lcdpin= 25- 26- 27- 28, volt=2.2305
RELAY lcdpin= 29- 30- 31- 32, volt=2.2300
RELAY lcdpin= 33- 34- 35- 36, volt=2.2241
RELAY lcdpin= 37- 38- 39- 40, volt=2.2246
RELAY lcdpin= 41- 42- 43- 44, volt=2.2300
RELAY lcdpin= 45- 46- 47- 48, volt=2.2295
RELAY lcdpin= 49- 50- 51- 52, volt=2.2295
RELAY lcdpin= 53- 54- 55- 56, volt=2.2268
RELAY lcdpin= 57- 58- 59- 60, volt=2.2317
RELAY lcdpin= 61- 62- 63- 64, volt=2.2310
RELAY lcdpin= 65- 66- 67- 68, volt=2.2312
RELAY lcdpin= 69- 70- 71- 72, volt=2.2285
RELAY lcdpin= 73- 74- 75- 76, volt=2.2322
RELAY lcdpin= 77- 78- 79- 80, volt=2.2314
RELAY lcdpin= 81- 82- 83- 84, volt=2.2290
RELAY lcdpin= 85- 86- 87- 88, volt=2.2258
RELAY lcdpin= 89- 90- 91- 92, volt=2.2302
RELAY lcdpin= 93- 94- 95- 96, volt=2.2305
RELAY lcdpin= 97- 98- 99-100, volt=2.2302
RELAY lcdpin=101-102-103-104, volt=2.2268

RELAY lcdpin=105-106-107-108, volt=2.2310
RELAY lcdpin=109-110-111-112, volt=2.2307
RELAY lcdpin=113-114-115-116, volt=2.2300
RELAY lcdpin=117-118-119-120, volt=2.2253
RELAY lcdpin=121-122-123-124, volt=2.2307
RELAY lcdpin=125-126-127-128, volt=2.2302
RELAY lcdpin=129-130-131-132, volt=2.2288
RELAY lcdpin=133-134-135-136, volt=2.2141
RELAY lcdpin=137-138-139-140, volt=2.2307
RELAY lcdpin=141-142-143-144, volt=2.2305
RELAY lcdpin=145-146-147-148, volt=2.2261
RELAY lcdpin=149-150-151-152, volt=2.2231
RELAY lcdpin=153-154-155-156, volt=2.2192
RELAY lcdpin=157-158-159-160, volt=2.2292
RELAY lcdpin=161-162-163-164, volt=2.2288
RELAY lcdpin=165-166-167-168, volt=2.2275
RELAY lcdpin=169-170-171-172, volt=2.2310
RELAY lcdpin=173-174-175-176, volt=2.2305
RELAY lcdpin=177-178-179-180, volt=2.2327
RELAY lcdpin=181-182-183-184, volt=2.2297
RELAY lcdpin=185-186-187-188, volt=2.2327
RELAY lcdpin=189-190-191-192, volt=2.2329
RELAY lcdpin=193-194-195-196, volt=2.2295
RELAY lcdpin=197-198-199-200, volt=2.2263
RELAY lcdpin=201-202-203-204, volt=2.2305
RELAY lcdpin=205-206-207-208, volt=2.2307
RELAY lcdpin=209-210-211-212, volt=2.2319
RELAY lcdpin=213-214-215-216, volt=2.2285
RELAY lcdpin=217-218-219-220, volt=2.2327
RELAY lcdpin=221-222-223-224, volt=2.2314
RELAY lcdpin=225-226-227-228, volt=2.2310
RELAY lcdpin=229-230-231-232, volt=2.2271
RELAY lcdpin=233-234-235-236, volt=2.2322
RELAY lcdpin=237-238-239-240, volt=2.2305
RELAY lcdpin=241-242-243-244, volt=2.2317
RELAY lcdpin=245-246-247-248, volt=2.2271

RELAY lcdpin=249-250-251-252, volt=2.2324
RELAY lcdpin=253-254-255-256, volt=2.2317
RELAY lcdpin=257-258-259-260, volt=2.2307
RELAY lcdpin=261-262-263-264, volt=2.2275
RELAY lcdpin=265-266-267-268, volt=2.2310
RELAY lcdpin=269-270-271-272, volt=2.2305
RELAY lcdpin=273-274-275-276, volt=2.2319
RELAY lcdpin=277-278-279-280, volt=2.2285
RELAY lcdpin=281-282-283-284, volt=2.2327
RELAY lcdpin=285-286-287-288, volt=2.2314
RELAY lcdpin=289-290-291-292, volt=2.2319
RELAY lcdpin=293-294-295-296, volt=2.2280
RELAY lcdpin=297-298-299-300, volt=2.2290
RELAY lcdpin=301-302-303-304, volt=2.2312
RELAY lcdpin=305-306-307-308, volt=2.2307
RELAY lcdpin=309-310-311-312, volt=2.2273
RELAY lcdpin=313-314-315-316, volt=2.2317
RELAY lcdpin=317-318-319-320, volt=2.2117
RELAY lcdpin=321-322-323-324, volt=2.2283
RELAY lcdpin=325-326-327-328, volt=2.2261
RELAY lcdpin=329-330-331-332, volt=2.2295
RELAY lcdpin=333-334-335-336, volt=2.2283
RELAY lcdpin=337-338-339-340, volt=2.2302
RELAY lcdpin=341-342-343-344, volt=2.2268
RELAY lcdpin=345-346-347-348, volt=2.2307
RELAY lcdpin=349-350-351-352, volt=2.2297
RELAY lcdpin=353-354-355-356, volt=2.2310
RELAY lcdpin=357-358-359-360, volt=2.2278
RELAY lcdpin=361-362-363-364, volt=2.2322
RELAY lcdpin=365-366-367-368, volt=2.2312
RELAY lcdpin=385-386-387-388, volt=2.2280
RELAY lcdpin=389-390-391-392, volt=2.2256
RELAY lcdpin=393-394-395-396, volt=2.2300
RELAY lcdpin=397-398-399-400, volt=2.2292
RELAY lcdpin=401-402-403-404, volt=2.2231
RELAY lcdpin=405-406-407-408, volt=2.2244

RELAY Icdpin=409-410-411-412, volt=2.2292
RELAY Icdpin=413-414-415-416, volt=2.2278
RELAY Icdpin=417-418-419-420, volt=2.2275
RELAY Icdpin=421-422-423-424, volt=2.2224
RELAY Icdpin=425-426-427-428, volt=2.2290
RELAY Icdpin=429-430-431-432, volt=2.2285
RELAY Icdpin=433-434-435-436, volt=2.2295
RELAY Icdpin=437-438-439-440, volt=2.2261
RELAY Icdpin=441-442-443-444, volt=2.2307
RELAY Icdpin=445-446-447-448, volt=2.2300
RELAY Icdpin=449-450-451-452, volt=2.2283
RELAY Icdpin=453-454-455-456, volt=2.2241
RELAY Icdpin=457-458-459-460, volt=2.2288
RELAY Icdpin=461-462-463-464, volt=2.2290
RELAY Icdpin=465-466-467-468, volt=2.2292
RELAY Icdpin=469-470-471-472, volt=2.2263
RELAY Icdpin=473-474-475-476, volt=2.2314
RELAY Icdpin=477-478-479-480, volt=2.2302
RELAY Icdpin=481-482-483-484, volt=2.2300
RELAY Icdpin=485-486-487-488, volt=2.2280
RELAY Icdpin=489-490-491-492, volt=2.2307
RELAY Icdpin=493-494-495-496, volt=2.2297
RELAY Icdpin=497-498-499-500, volt=2.2288
RELAY Icdpin=501-502-503-504, volt=2.2244
RELAY Icdpin=505-506-507-508, volt=2.2305
RELAY Icdpin=509-510-511-512, volt=2.2288
RELAY Icdpin=513-514-515-516, volt=2.2300
RELAY Icdpin=517-518-519-520, volt=2.2268
RELAY Icdpin=521-522-523-524, volt=2.2317
RELAY Icdpin=525-526-527-528, volt=2.2290
RELAY Icdpin=529-530-531-532, volt=2.2292
RELAY Icdpin=533-534-535-536, volt=2.2258
RELAY Icdpin=537-538-539-540, volt=2.2319
RELAY Icdpin=541-542-543-544, volt=2.2288
RELAY Icdpin=545-546-547-548, volt=2.2288
RELAY Icdpin=549-550-551-552, volt=2.2253

RELAY Icdpin=553-554-555-556, volt=2.2292
RELAY Icdpin=557-558-559-560, volt=2.2278
RELAY Icdpin=561-562-563-564, volt=2.2261
RELAY Icdpin=565-566-567-568, volt=2.2227
RELAY Icdpin=569-570-571-572, volt=2.2256
RELAY Icdpin=573-574-575-576, volt=2.2241
RELAY Icdpin=577-578-579-580, volt=2.2249
RELAY Icdpin=581-582-583-584, volt=2.2246
RELAY Icdpin=585-586-587-588, volt=2.2275
RELAY Icdpin=589-590-591-592, volt=2.2271
RELAY Icdpin=593-594-595-596, volt=2.2258
RELAY Icdpin=597-598-599-600, volt=2.2217
RELAY Icdpin=601-602-603-604, volt=2.2261
RELAY Icdpin=605-606-607-608, volt=2.2258
RELAY Icdpin=609-610-611-612, volt=2.2275
RELAY Icdpin=613-614-615-616, volt=2.2131
RELAY Icdpin=617-618-619-620, volt=2.2268
RELAY Icdpin=621-622-623-624, volt=2.2268
RELAY Icdpin=625-626-627-628, volt=2.2253
RELAY Icdpin=629-630-631-632, volt=2.2227
RELAY Icdpin=633-634-635-636, volt=2.2273
RELAY Icdpin=637-638-639-640, volt=2.2263
RELAY Icdpin=641-642-643-644, volt=2.2256
RELAY Icdpin=645-646-647-648, volt=2.2229
RELAY Icdpin=649-650-651-652, volt=2.2285
RELAY Icdpin=653-654-655-656, volt=2.2275
RELAY Icdpin=657-658-659-660, volt=2.2280
RELAY Icdpin=661-662-663-664, volt=2.2249
RELAY Icdpin=665-666-667-668, volt=2.2292
RELAY Icdpin=669-670-671-672, volt=2.1760
RELAY Icdpin=673-674-675-676, volt=2.2280
RELAY Icdpin=677-678-679-680, volt=2.2261
RELAY Icdpin=681-682-683-684, volt=2.2278
RELAY Icdpin=685-686-687-688, volt=2.2275
RELAY Icdpin=689-690-691-692, volt=2.2290
RELAY Icdpin=693-694-695-696, volt=2.2266

RELAY Icdpin=697-698-699-700, volt=2.2305
RELAY Icdpin=701-702-703-704, volt=2.2288
RELAY Icdpin=705-706-707-708, volt=2.2288
RELAY Icdpin=709-710-711-712, volt=2.2268
RELAY Icdpin=713-714-715-716, volt=2.2302
RELAY Icdpin=717-718-719-720, volt=2.2268
RELAY Icdpin=721-722-723-724, volt=2.2292
RELAY Icdpin=725-726-727-728, volt=2.2273
RELAY Icdpin=729-730-731-732, volt=2.2300
RELAY Icdpin=733-734-735-736, volt=2.2288
RELAY Icdpin=737-738-739-740, volt=2.2305
RELAY Icdpin=741-742-743-744, volt=2.2295
RELAY Icdpin=745-746-747-748, volt=2.2314
RELAY Icdpin=749-750-751-752, volt=2.2300
RELAY Hclkpin= 1, volt=2.2842
RELAY Hclkpin= 2, volt=2.2839
RELAY Hclkpin= 3, volt=2.2844
RELAY Hclkpin= 4, volt=2.2849
DRVLVL 1L pin=1, volt=-0.0005
DRVLVL 1H pin=1, volt= 0.9983
DRVLVL 2L pin=1, volt=-0.0012
DRVLVL 2H pin=1, volt= 1.9998
DRVLVL 3L pin=1, volt=-0.0015
DRVLVL 3H pin=1, volt= 3.0000
DRVLVL 4L pin=1, volt=-0.0007
DRVLVL 4H pin=1, volt= 4.0005
DRVLVL 5L pin=1, volt=-0.0012
DRVLVL 5H pin=1, volt= 5.0017
DRVLVL 7L pin=1, volt=-0.0015
DRVLVL 7H pin=1, volt= 7.0032
DRVPLE pin=1, volt= 0.3733
CMPSTRB CDYSW= 2(CDYSW= 2 CCDLY= 32 CFDLY= 32)
CMPSTRB CCDLY = 32(CDYSW= 2 CCDLY= 32 CFDLY= 32)
CMPSTRB CFDLY = 32(CDYSW= 2 CCDLY= 32 CFDLY= 32)
CMPREFLVL ch=1 reg=48344 volt= 0.0500
CMPREFLVL ch=1 reg=47658 volt= 0.0750

CMPREFLVL ch=1 reg=47323 volt= 0.0875
CMPREFLVL ch=1 reg=46978 volt= 0.1000
CMPREFLVL ch=1 reg=46293 volt= 0.1250
CMPREFLVL ch=1 reg=45616 volt= 0.1500
CMPREFLVL ch=1 reg=45272 volt= 0.1625
CMPREFLVL ch=1 reg=44930 volt= 0.1750
CMPREFLVL ch=1 reg=44588 volt= 0.1875
CMPREFLVL ch=1 reg=44244 volt= 0.2000
CMPREFLVL ch=1 reg=43553 volt= 0.2250
CMPREFLVL ch=1 reg=42869 volt= 0.2500
CMPREFLVL ch=1 reg=42536 volt= 0.2625
CMPREFLVL ch=1 reg=41503 volt= 0.3000
CMPREFLVL ch=1 reg=40821 volt= 0.3250
CMPREFLVL ch=1 reg=40139 volt= 0.3500
CMPREFLVL ch=1 reg=39458 volt= 0.3750
CMPREFLVL ch=1 reg=38778 volt= 0.4000
CMPREFLVL ch=1 reg=37746 volt= 0.4375
CMPREFLVL ch=1 reg=37404 volt= 0.4500
CMPREFLVL ch=1 reg=36367 volt= 0.4875
CMPREFLVL ch=1 reg=36023 volt= 0.5000
CMPREFLVL ch=1 reg=35340 volt= 0.5250
CMPREFLVL ch=1 reg=34318 volt= 0.5625
CMPREFLVL ch=1 reg=33296 volt= 0.6000
CMPREFLVL ch=1 reg=32950 volt= 0.6125
CMPREFLVL ch=1 reg=32605 volt= 0.6250
CMPREFLVL ch=1 reg=31926 volt= 0.6500
CMPREFLVL ch=1 reg=31234 volt= 0.6750
CMPREFLVL ch=1 reg=30555 volt= 0.7000
CMPREFLVL ch=1 reg=29187 volt= 0.7500
CMPREFLVL ch=1 reg=27821 volt= 0.8000
CMPREFLVL ch=1 reg=27476 volt= 0.8125
CMPREFLVL ch=1 reg=25768 volt= 0.8750
CMPREFLVL ch=1 reg=25085 volt= 0.9000
CMPREFLVL ch=1 reg=22347 volt= 1.0000
CMPREFLVL ch=1 reg=20975 volt= 1.0500
CMPREFLVL ch=1 reg=18921 volt= 1.1250

CMPREFLVL ch=2 reg=48326 volt= 0.0500
CMPREFLVL ch=2 reg=47643 volt= 0.0750
CMPREFLVL ch=2 reg=47301 volt= 0.0875
CMPREFLVL ch=2 reg=46961 volt= 0.1000
CMPREFLVL ch=2 reg=46276 volt= 0.1250
CMPREFLVL ch=2 reg=45587 volt= 0.1500
CMPREFLVL ch=2 reg=45249 volt= 0.1625
CMPREFLVL ch=2 reg=44912 volt= 0.1750
CMPREFLVL ch=2 reg=44566 volt= 0.1875
CMPREFLVL ch=2 reg=44221 volt= 0.2000
CMPREFLVL ch=2 reg=43544 volt= 0.2250
CMPREFLVL ch=2 reg=42858 volt= 0.2500
CMPREFLVL ch=2 reg=42520 volt= 0.2625
CMPREFLVL ch=2 reg=41492 volt= 0.3000
CMPREFLVL ch=2 reg=40808 volt= 0.3250
CMPREFLVL ch=2 reg=40124 volt= 0.3500
CMPREFLVL ch=2 reg=39443 volt= 0.3750
CMPREFLVL ch=2 reg=38761 volt= 0.4000
CMPREFLVL ch=2 reg=37735 volt= 0.4375
CMPREFLVL ch=2 reg=37392 volt= 0.4500
CMPREFLVL ch=2 reg=36366 volt= 0.4875
CMPREFLVL ch=2 reg=36028 volt= 0.5000
CMPREFLVL ch=2 reg=35343 volt= 0.5250
CMPREFLVL ch=2 reg=34313 volt= 0.5625
CMPREFLVL ch=2 reg=33289 volt= 0.6000
CMPREFLVL ch=2 reg=32949 volt= 0.6125
CMPREFLVL ch=2 reg=32607 volt= 0.6250
CMPREFLVL ch=2 reg=31919 volt= 0.6500
CMPREFLVL ch=2 reg=31244 volt= 0.6750
CMPREFLVL ch=2 reg=30558 volt= 0.7000
CMPREFLVL ch=2 reg=29187 volt= 0.7500
CMPREFLVL ch=2 reg=27828 volt= 0.8000
CMPREFLVL ch=2 reg=27484 volt= 0.8125
CMPREFLVL ch=2 reg=25774 volt= 0.8750
CMPREFLVL ch=2 reg=25091 volt= 0.9000
CMPREFLVL ch=2 reg=22358 volt= 1.0000

CMPREFLVL ch=2 reg=20988 volt= 1.0500
CMPREFLVL ch=2 reg=18937 volt= 1.1250
CMPREFLVL ch=3 reg=48338 volt= 0.0500
CMPREFLVL ch=3 reg=47652 volt= 0.0750
CMPREFLVL ch=3 reg=47312 volt= 0.0875
CMPREFLVL ch=3 reg=46970 volt= 0.1000
CMPREFLVL ch=3 reg=46283 volt= 0.1250
CMPREFLVL ch=3 reg=45602 volt= 0.1500
CMPREFLVL ch=3 reg=45258 volt= 0.1625
CMPREFLVL ch=3 reg=44920 volt= 0.1750
CMPREFLVL ch=3 reg=44576 volt= 0.1875
CMPREFLVL ch=3 reg=44234 volt= 0.2000
CMPREFLVL ch=3 reg=43548 volt= 0.2250
CMPREFLVL ch=3 reg=42864 volt= 0.2500
CMPREFLVL ch=3 reg=42524 volt= 0.2625
CMPREFLVL ch=3 reg=41497 volt= 0.3000
CMPREFLVL ch=3 reg=40813 volt= 0.3250
CMPREFLVL ch=3 reg=40127 volt= 0.3500
CMPREFLVL ch=3 reg=39443 volt= 0.3750
CMPREFLVL ch=3 reg=38763 volt= 0.4000
CMPREFLVL ch=3 reg=37734 volt= 0.4375
CMPREFLVL ch=3 reg=37392 volt= 0.4500
CMPREFLVL ch=3 reg=36367 volt= 0.4875
CMPREFLVL ch=3 reg=36025 volt= 0.5000
CMPREFLVL ch=3 reg=35339 volt= 0.5250
CMPREFLVL ch=3 reg=34313 volt= 0.5625
CMPREFLVL ch=3 reg=33286 volt= 0.6000
CMPREFLVL ch=3 reg=32943 volt= 0.6125
CMPREFLVL ch=3 reg=32602 volt= 0.6250
CMPREFLVL ch=3 reg=31918 volt= 0.6500
CMPREFLVL ch=3 reg=31235 volt= 0.6750
CMPREFLVL ch=3 reg=30554 volt= 0.7000
CMPREFLVL ch=3 reg=29182 volt= 0.7500
CMPREFLVL ch=3 reg=27815 volt= 0.8000
CMPREFLVL ch=3 reg=27474 volt= 0.8125
CMPREFLVL ch=3 reg=25762 volt= 0.8750

CMPREFLVL ch=3 reg=25080 volt= 0.9000
CMPREFLVL ch=3 reg=22343 volt= 1.0000
CMPREFLVL ch=3 reg=20973 volt= 1.0500
CMPREFLVL ch=3 reg=18919 volt= 1.1250
CMPREFLVL ch=4 reg=48412 volt= 0.0500
CMPREFLVL ch=4 reg=47712 volt= 0.0750
CMPREFLVL ch=4 reg=47376 volt= 0.0875
CMPREFLVL ch=4 reg=47017 volt= 0.1000
CMPREFLVL ch=4 reg=46337 volt= 0.1250
CMPREFLVL ch=4 reg=45664 volt= 0.1500
CMPREFLVL ch=4 reg=45307 volt= 0.1625
CMPREFLVL ch=4 reg=44968 volt= 0.1750
CMPREFLVL ch=4 reg=44645 volt= 0.1875
CMPREFLVL ch=4 reg=44299 volt= 0.2000
CMPREFLVL ch=4 reg=43619 volt= 0.2250
CMPREFLVL ch=4 reg=42927 volt= 0.2500
CMPREFLVL ch=4 reg=42584 volt= 0.2625
CMPREFLVL ch=4 reg=41571 volt= 0.3000
CMPREFLVL ch=4 reg=40885 volt= 0.3250
CMPREFLVL ch=4 reg=40188 volt= 0.3500
CMPREFLVL ch=4 reg=39515 volt= 0.3750
CMPREFLVL ch=4 reg=38811 volt= 0.4000
CMPREFLVL ch=4 reg=37808 volt= 0.4375
CMPREFLVL ch=4 reg=37461 volt= 0.4500
CMPREFLVL ch=4 reg=36442 volt= 0.4875
CMPREFLVL ch=4 reg=36096 volt= 0.5000
CMPREFLVL ch=4 reg=35406 volt= 0.5250
CMPREFLVL ch=4 reg=34367 volt= 0.5625
CMPREFLVL ch=4 reg=33353 volt= 0.6000
CMPREFLVL ch=4 reg=33026 volt= 0.6125
CMPREFLVL ch=4 reg=32671 volt= 0.6250
CMPREFLVL ch=4 reg=31986 volt= 0.6500
CMPREFLVL ch=4 reg=31306 volt= 0.6750
CMPREFLVL ch=4 reg=30612 volt= 0.7000
CMPREFLVL ch=4 reg=29239 volt= 0.7500
CMPREFLVL ch=4 reg=27870 volt= 0.8000

CMPREFLVL ch=4 reg=27548 volt= 0.8125

CMPREFLVL ch=4 reg=25816 volt= 0.8750

CMPREFLVL ch=4 reg=25144 volt= 0.9000

CMPREFLVL ch=4 reg=22399 volt= 1.0000

CMPREFLVL ch=4 reg=21040 volt= 1.0500

CMPREFLVL ch=4 reg=18972 volt= 1.1250

Error in QioSQPGWaitFunction = -1

HVSTEP Icdpin= 1, VOLT(ON)=59.9909, VOLT(OFF)=0.7601, 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= 0.943

CC_10UA_I1 pin= 1, data=2/4, code=1287, cur= 2.421

CC_10UA_I1 pin= 1, data=3/4, code=3509, cur= 7.341

CC_10UA_I1 pin= 1, data=4/4, code=4620, cur= 9.805

CC_10UA_I2 pin= 1, data=1/4, code= 354, cur= 0.208

CC_10UA_I2 pin= 1, data=2/4, code= 910, cur= 2.601

CC_10UA_I2 pin= 1, data=3/4, code=2021, cur= 7.419

CC_10UA_I2 pin= 1, data=4/4, code=2576, cur= 9.824

CC_10UA_IM pin= 1, I1code=5610, I2code=5680

CC_250UA_I1 pin= 1, data=1/4, code= 284, cur= 6.79

CC_250UA_I1 pin= 1, data=2/4, code=1511, cur= 74.88

CC_250UA_I1 pin= 1, data=3/4, code=4178, cur= 222.47

CC_250UA_I1 pin= 1, data=4/4, code=5512, cur= 295.65

CC_250UA_I2 pin= 1, data=1/4, code= 409, cur= 13.44

CC_250UA_I2 pin= 1, data=2/4, code=1022, cur= 79.35

CC_250UA_I2 pin= 1, data=3/4, code=2355, cur= 222.98

CC_250UA_I2 pin= 1, data=4/4, code=3022, cur= 294.63

CC_250UA_IM pin= 1, I1code=6138, I2code=6241

ALD_I1 pin= 1, data=1/2, code= 510, cur= 1.371

ALD_I1 pin= 1, data=2/2, code=4109, cur= 18.578

ALD_I2 pin= 1, data=1/2, code= 510, cur= 1.693

ALD_I2 pin= 1, data=2/2, code=4109, cur= 19.524

IM_10UA pin= 1, data=1/5, cur=-10.000, code= 8999

IM_10UA pin= 1, data=2/5, cur= -5.000, code=19224

IM_10UA pin= 1, data=3/5, cur= 0.000, code=29391

IM_10UA pin= 1, data=4/5, cur= 5.000, code=39565

IM_10UA pin= 1, data=5/5, cur= 10.000, code=49791
IM_10UA pin= 1, data=1/3, v=-2.0000, cur=6.88028e-06, code=29405
IM_10UA pin= 1, data=2/3, v= 0.0000, cur=0.00000e+00, code=29391
IM_10UA pin= 1, data=3/3, v= 5.0000, cur=-3.98348e-05, code=29310
IM_250UA pin= 1, data=1/5, cur=-300.00, code= 7421
IM_250UA pin= 1, data=2/5, cur=-150.00, code=19640
IM_250UA pin= 1, data=3/5, cur= 0.00, code=31888
IM_250UA pin= 1, data=4/5, cur= 150.00, code=44140
IM_250UA pin= 1, data=5/5, cur= 300.00, code=56422
VM pin= 1, data=1/4, volt=-1.5000, code=11546
VM pin= 1, data=2/4, volt= 0.0000, code=17436
VM pin= 1, data=3/4, volt= 3.0000, code=29210
VM pin= 1, data=4/4, volt= 6.0000, code=40990
RPATH pin= 1, R=1.63, V1=-0.0031, I1= 2.002, V2=-0.0323, I2= 20.003
CC_10UA_I1 pin= 2, data=1/4, code= 621, cur= 1.031
CC_10UA_I1 pin= 2, data=2/4, code=1287, cur= 2.482
CC_10UA_I1 pin= 2, data=3/4, code=3509, cur= 7.313
CC_10UA_I1 pin= 2, data=4/4, code=4620, cur= 9.738
CC_10UA_I2 pin= 2, data=1/4, code= 354, cur= 0.209
CC_10UA_I2 pin= 2, data=2/4, code= 910, cur= 2.587
CC_10UA_I2 pin= 2, data=3/4, code=2021, cur= 7.464
CC_10UA_I2 pin= 2, data=4/4, code=2576, cur= 9.885
CC_10UA_IM pin= 2, I1code=5656, I2code=5638
CC_250UA_I1 pin= 2, data=1/4, code= 284, cur= 8.90
CC_250UA_I1 pin= 2, data=2/4, code=1511, cur= 75.19
CC_250UA_I1 pin= 2, data=3/4, code=4178, cur= 219.79
CC_250UA_I1 pin= 2, data=4/4, code=5512, cur= 291.50
CC_250UA_I2 pin= 2, data=1/4, code= 409, cur= 12.52
CC_250UA_I2 pin= 2, data=2/4, code=1022, cur= 77.23
CC_250UA_I2 pin= 2, data=3/4, code=2355, cur= 218.42
CC_250UA_I2 pin= 2, data=4/4, code=3022, cur= 288.75
CC_250UA_IM pin= 2, I1code=6228, I2code=6368
ALD_I1 pin= 2, data=1/2, code= 510, cur= 1.130
ALD_I1 pin= 2, data=2/2, code=4109, cur= 18.027
ALD_I2 pin= 2, data=1/2, code= 510, cur= 1.632
ALD_I2 pin= 2, data=2/2, code=4109, cur= 19.108

IM_10UA pin= 2, data=1/5, cur=-10.000, code= 8756
IM_10UA pin= 2, data=2/5, cur= -5.000, code=18972
IM_10UA pin= 2, data=3/5, cur= 0.000, code=29173
IM_10UA pin= 2, data=4/5, cur= 5.000, code=39388
IM_10UA pin= 2, data=5/5, cur= 10.000, code=49661
IM_10UA pin= 2, data=1/3, v=-2.0000, cur=9.78953e-06, code=29193
IM_10UA pin= 2, data=2/3, v= 0.0000, cur=0.00000e+00, code=29173
IM_10UA pin= 2, data=3/3, v= 5.0000, cur=-3.48005e-05, code=29102
IM_250UA pin= 2, data=1/5, cur=-300.00, code= 7198
IM_250UA pin= 2, data=2/5, cur=-150.00, code=19478
IM_250UA pin= 2, data=3/5, cur= 0.00, code=31826
IM_250UA pin= 2, data=4/5, cur= 150.00, code=44179
IM_250UA pin= 2, data=5/5, cur= 300.00, code=56567
VM pin= 2, data=1/4, volt=-1.5000, code=11531
VM pin= 2, data=2/4, volt= 0.0000, code=17431
VM pin= 2, data=3/4, volt= 3.0000, code=29229
VM pin= 2, data=4/4, volt= 6.0000, code=41028
RPATH pin= 2, R=1.64, V1=-0.0031, I1= 2.005, V2=-0.0325, I2= 20.001
CC_10UA_I1 pin= 3, data=1/4, code= 621, cur= 0.904
CC_10UA_I1 pin= 3, data=2/4, code=1287, cur= 2.394
CC_10UA_I1 pin= 3, data=3/4, code=3509, cur= 7.344
CC_10UA_I1 pin= 3, data=4/4, code=4620, cur= 9.833
CC_10UA_I2 pin= 3, data=1/4, code= 354, cur= 0.045
CC_10UA_I2 pin= 3, data=2/4, code= 910, cur= 2.430
CC_10UA_I2 pin= 3, data=3/4, code=2021, cur= 7.203
CC_10UA_I2 pin= 3, data=4/4, code=2576, cur= 9.580
CC_10UA_IM pin= 3, I1code=5588, I2code=5757
CC_250UA_I1 pin= 3, data=1/4, code= 284, cur= 5.95
CC_250UA_I1 pin= 3, data=2/4, code=1511, cur= 74.71
CC_250UA_I1 pin= 3, data=3/4, code=4178, cur= 223.46
CC_250UA_I1 pin= 3, data=4/4, code=5512, cur= 297.20
CC_250UA_I2 pin= 3, data=1/4, code= 409, cur= 9.41
CC_250UA_I2 pin= 3, data=2/4, code=1022, cur= 75.34
CC_250UA_I2 pin= 3, data=3/4, code=2355, cur= 218.61
CC_250UA_I2 pin= 3, data=4/4, code=3022, cur= 290.30
CC_250UA_IM pin= 3, I1code=6105, I2code=6280

ALD_I1 pin= 3, data=1/2, code= 510, cur= 1.333
ALD_I1 pin= 3, data=2/2, code=4109, cur= 18.637
ALD_I2 pin= 3, data=1/2, code= 510, cur= 1.814
ALD_I2 pin= 3, data=2/2, code=4109, cur= 19.657
IM_10UA pin= 3, data=1/5, cur=-10.000, code= 9137
IM_10UA pin= 3, data=2/5, cur= -5.000, code=19405
IM_10UA pin= 3, data=3/5, cur= 0.000, code=29614
IM_10UA pin= 3, data=4/5, cur= 5.000, code=39832
IM_10UA pin= 3, data=5/5, cur= 10.000, code=50096
IM_10UA pin= 3, data=1/3, v=-2.0000, cur=6.85066e-06, code=29628
IM_10UA pin= 3, data=2/3, v= 0.0000, cur=0.00000e+00, code=29614
IM_10UA pin= 3, data=3/3, v= 5.0000, cur=-2.69370e-05, code=29559
IM_250UA pin= 3, data=1/5, cur=-300.00, code= 7561
IM_250UA pin= 3, data=2/5, cur=-150.00, code=19799
IM_250UA pin= 3, data=3/5, cur= 0.00, code=32056
IM_250UA pin= 3, data=4/5, cur= 150.00, code=44320
IM_250UA pin= 3, data=5/5, cur= 300.00, code=56612
VM pin= 3, data=1/4, volt=-1.5000, code=11575
VM pin= 3, data=2/4, volt= 0.0000, code=17477
VM pin= 3, data=3/4, volt= 3.0000, code=29277
VM pin= 3, data=4/4, volt= 6.0000, code=41079
RPATH pin= 3, R=1.61, V1=-0.0030, I1= 1.998, V2=-0.0320, I2= 19.997
CC_10UA_I1 pin= 4, data=1/4, code= 621, cur= 0.992
CC_10UA_I1 pin= 4, data=2/4, code=1287, cur= 2.495
CC_10UA_I1 pin= 4, data=3/4, code=3509, cur= 7.493
CC_10UA_I1 pin= 4, data=4/4, code=4620, cur= 10.001
CC_10UA_I2 pin= 4, data=1/4, code= 354, cur= -0.123
CC_10UA_I2 pin= 4, data=2/4, code= 910, cur= 2.325
CC_10UA_I2 pin= 4, data=3/4, code=2021, cur= 7.236
CC_10UA_I2 pin= 4, data=4/4, code=2576, cur= 9.686
CC_10UA_IM pin= 4, I1code=5506, I2code=5648
CC_250UA_I1 pin= 4, data=1/4, code= 284, cur= 7.70
CC_250UA_I1 pin= 4, data=2/4, code=1511, cur= 76.89
CC_250UA_I1 pin= 4, data=3/4, code=4178, cur= 226.69
CC_250UA_I1 pin= 4, data=4/4, code=5512, cur= 301.02
CC_250UA_I2 pin= 4, data=1/4, code= 409, cur= 5.36

CC_250UA_I2 pin= 4, data=2/4, code=1022, cur= 72.23
CC_250UA_I2 pin= 4, data=3/4, code=2355, cur= 217.66
CC_250UA_I2 pin= 4, data=4/4, code=3022, cur= 290.36
CC_250UA_IM pin= 4, I1code=6032, I2code=6220
ALD_I1 pin= 4, data=1/2, code= 510, cur= 1.434
ALD_I1 pin= 4, data=2/2, code=4109, cur= 18.944
ALD_I2 pin= 4, data=1/2, code= 510, cur= 1.625
ALD_I2 pin= 4, data=2/2, code=4109, cur= 19.694
IM_10UA pin= 4, data=1/5, cur=-10.000, code= 9281
IM_10UA pin= 4, data=2/5, cur= -5.000, code=19381
IM_10UA pin= 4, data=3/5, cur= 0.000, code=29428
IM_10UA pin= 4, data=4/5, cur= 5.000, code=39488
IM_10UA pin= 4, data=5/5, cur= 10.000, code=49598
IM_10UA pin= 4, data=1/3, v=-2.0000, cur=1.29225e-05, code=29454
IM_10UA pin= 4, data=2/3, v= 0.0000, cur=0.00000e+00, code=29428
IM_10UA pin= 4, data=3/3, v= 5.0000, cur=-3.58316e-05, code=29356
IM_250UA pin= 4, data=1/5, cur=-300.00, code= 7738
IM_250UA pin= 4, data=2/5, cur=-150.00, code=19827
IM_250UA pin= 4, data=3/5, cur= 0.00, code=31945
IM_250UA pin= 4, data=4/5, cur= 150.00, code=44070
IM_250UA pin= 4, data=5/5, cur= 300.00, code=56232
VM pin= 4, data=1/4, volt=-1.5000, code=11637
VM pin= 4, data=2/4, volt= 0.0000, code=17541
VM pin= 4, data=3/4, volt= 3.0000, code=29343
VM pin= 4, data=4/4, volt= 6.0000, code=41151
RPATH pin= 4, R=1.68, V1=-0.0033, I1= 1.994, V2=-0.0335, I2= 19.995
CC_10UA_I1 pin= 5, data=1/4, code= 621, cur= 0.932
CC_10UA_I1 pin= 5, data=2/4, code=1287, cur= 2.434
CC_10UA_I1 pin= 5, data=3/4, code=3509, cur= 7.426
CC_10UA_I1 pin= 5, data=4/4, code=4620, cur= 9.930
CC_10UA_I2 pin= 5, data=1/4, code= 354, cur= -0.028
CC_10UA_I2 pin= 5, data=2/4, code= 910, cur= 2.427
CC_10UA_I2 pin= 5, data=3/4, code=2021, cur= 7.343
CC_10UA_I2 pin= 5, data=4/4, code=2576, cur= 9.783
CC_10UA_IM pin= 5, I1code=5539, I2code=5633
CC_250UA_I1 pin= 5, data=1/4, code= 284, cur= 5.83

CC_250UA_I1 pin= 5, data=2/4, code=1511, cur= 75.16
CC_250UA_I1 pin= 5, data=3/4, code=4178, cur= 225.01
CC_250UA_I1 pin= 5, data=4/4, code=5512, cur= 299.29
CC_250UA_I2 pin= 5, data=1/4, code= 409, cur= 7.85
CC_250UA_I2 pin= 5, data=2/4, code=1022, cur= 75.19
CC_250UA_I2 pin= 5, data=3/4, code=2355, cur= 221.67
CC_250UA_I2 pin= 5, data=4/4, code=3022, cur= 295.07
CC_250UA_IM pin= 5, I1code=6064, I2code=6151
ALD_I1 pin= 5, data=1/2, code= 510, cur= 1.063
ALD_I1 pin= 5, data=2/2, code=4109, cur= 18.463
ALD_I2 pin= 5, data=1/2, code= 510, cur= 1.460
ALD_I2 pin= 5, data=2/2, code=4109, cur= 19.467
IM_10UA pin= 5, data=1/5, cur=-10.000, code= 9063
IM_10UA pin= 5, data=2/5, cur= -5.000, code=19064
IM_10UA pin= 5, data=3/5, cur= 0.000, code=29040
IM_10UA pin= 5, data=4/5, cur= 5.000, code=39037
IM_10UA pin= 5, data=5/5, cur= 10.000, code=49094
IM_10UA pin= 5, data=1/3, v=-2.0000, cur=7.00210e-06, code=29054
IM_10UA pin= 5, data=2/3, v= 0.0000, cur=0.00000e+00, code=29040
IM_10UA pin= 5, data=3/3, v= 5.0000, cur=-4.41059e-05, code=28952
IM_250UA pin= 5, data=1/5, cur=-300.00, code= 7534
IM_250UA pin= 5, data=2/5, cur=-150.00, code=19588
IM_250UA pin= 5, data=3/5, cur= 0.00, code=31691
IM_250UA pin= 5, data=4/5, cur= 150.00, code=43808
IM_250UA pin= 5, data=5/5, cur= 300.00, code=55953
VM pin= 5, data=1/4, volt=-1.5000, code=11577
VM pin= 5, data=2/4, volt= 0.0000, code=17481
VM pin= 5, data=3/4, volt= 3.0000, code=29287
VM pin= 5, data=4/4, volt= 6.0000, code=41096
RPATH pin= 5, R=1.59, V1=-0.0030, I1= 1.993, V2=-0.0318, I2= 19.999
CC_10UA_I1 pin= 6, data=1/4, code= 621, cur= 1.156
CC_10UA_I1 pin= 6, data=2/4, code=1287, cur= 2.650
CC_10UA_I1 pin= 6, data=3/4, code=3509, cur= 7.624
CC_10UA_I1 pin= 6, data=4/4, code=4620, cur= 10.118
CC_10UA_I2 pin= 6, data=1/4, code= 354, cur= 0.316
CC_10UA_I2 pin= 6, data=2/4, code= 910, cur= 2.826

CC_10UA_I2 pin= 6, data=3/4, code=2021, cur= 7.829
CC_10UA_I2 pin= 6, data=4/4, code=2576, cur= 10.315
CC_10UA_IM pin= 6, I1code=5458, I2code=5471
CC_250UA_I1 pin= 6, data=1/4, code= 284, cur= 11.18
CC_250UA_I1 pin= 6, data=2/4, code=1511, cur= 80.00
CC_250UA_I1 pin= 6, data=3/4, code=4178, cur= 228.67
CC_250UA_I1 pin= 6, data=4/4, code=5512, cur= 302.34
CC_250UA_I2 pin= 6, data=1/4, code= 409, cur= 15.91
CC_250UA_I2 pin= 6, data=2/4, code=1022, cur= 82.97
CC_250UA_I2 pin= 6, data=3/4, code=2355, cur= 228.30
CC_250UA_I2 pin= 6, data=4/4, code=3022, cur= 300.78
CC_250UA_IM pin= 6, I1code=6013, I2code=6148
ALD_I1 pin= 6, data=1/2, code= 510, cur= 1.398
ALD_I1 pin= 6, data=2/2, code=4109, cur= 18.675
ALD_I2 pin= 6, data=1/2, code= 510, cur= 1.595
ALD_I2 pin= 6, data=2/2, code=4109, cur= 19.477
IM_10UA pin= 6, data=1/5, cur=-10.000, code= 9495
IM_10UA pin= 6, data=2/5, cur= -5.000, code=19700
IM_10UA pin= 6, data=3/5, cur= 0.000, code=29866
IM_10UA pin= 6, data=4/5, cur= 5.000, code=40043
IM_10UA pin= 6, data=5/5, cur= 10.000, code=50281
IM_10UA pin= 6, data=1/3, v=-2.0000, cur=8.84347e-06, code=29884
IM_10UA pin= 6, data=2/3, v= 0.0000, cur=0.00000e+00, code=29866
IM_10UA pin= 6, data=3/3, v= 5.0000, cur=-4.27897e-05, code=29779
IM_250UA pin= 6, data=1/5, cur=-300.00, code= 7936
IM_250UA pin= 6, data=2/5, cur=-150.00, code=20186
IM_250UA pin= 6, data=3/5, cur= 0.00, code=32463
IM_250UA pin= 6, data=4/5, cur= 150.00, code=44744
IM_250UA pin= 6, data=5/5, cur= 300.00, code=57056
VM pin= 6, data=1/4, volt=-1.5000, code=11702
VM pin= 6, data=2/4, volt= 0.0000, code=17617
VM pin= 6, data=3/4, volt= 3.0000, code=29442
VM pin= 6, data=4/4, volt= 6.0000, code=41273
RPATH pin= 6, R=1.62, V1=-0.0030, I1= 1.992, V2=-0.0322, I2= 20.003
CC_10UA_I1 pin= 7, data=1/4, code= 621, cur= 1.063
CC_10UA_I1 pin= 7, data=2/4, code=1287, cur= 2.589

CC_10UA_I1 pin= 7, data=3/4, code=3509, cur= 7.659
CC_10UA_I1 pin= 7, data=4/4, code=4620, cur= 10.204
CC_10UA_I2 pin= 7, data=1/4, code= 354, cur= -0.071
CC_10UA_I2 pin= 7, data=2/4, code= 910, cur= 2.414
CC_10UA_I2 pin= 7, data=3/4, code=2021, cur= 7.389
CC_10UA_I2 pin= 7, data=4/4, code=2576, cur= 9.861
CC_10UA_IM pin= 7, I1code=5404, I2code=5575
CC_250UA_I1 pin= 7, data=1/4, code= 284, cur= 8.80
CC_250UA_I1 pin= 7, data=2/4, code=1511, cur= 79.04
CC_250UA_I1 pin= 7, data=3/4, code=4178, cur= 230.55
CC_250UA_I1 pin= 7, data=4/4, code=5512, cur= 305.62
CC_250UA_I2 pin= 7, data=1/4, code= 409, cur= 6.87
CC_250UA_I2 pin= 7, data=2/4, code=1022, cur= 75.07
CC_250UA_I2 pin= 7, data=3/4, code=2355, cur= 223.26
CC_250UA_I2 pin= 7, data=4/4, code=3022, cur= 297.64
CC_250UA_IM pin= 7, I1code=5945, I2code=6084
ALD_I1 pin= 7, data=1/2, code= 510, cur= 1.523
ALD_I1 pin= 7, data=2/2, code=4109, cur= 19.060
ALD_I2 pin= 7, data=1/2, code= 510, cur= 1.681
ALD_I2 pin= 7, data=2/2, code=4109, cur= 19.755
IM_10UA pin= 7, data=1/5, cur=-10.000, code= 8714
IM_10UA pin= 7, data=2/5, cur= -5.000, code=18721
IM_10UA pin= 7, data=3/5, cur= 0.000, code=28681
IM_10UA pin= 7, data=4/5, cur= 5.000, code=38646
IM_10UA pin= 7, data=5/5, cur= 10.000, code=48665
IM_10UA pin= 7, data=1/3, v=-2.0000, cur=5.01756e-06, code=28691
IM_10UA pin= 7, data=2/3, v= 0.0000, cur=0.00000e+00, code=28681
IM_10UA pin= 7, data=3/3, v= 5.0000, cur=-4.11647e-05, code=28599
IM_250UA pin= 7, data=1/5, cur=-300.00, code= 7168
IM_250UA pin= 7, data=2/5, cur=-150.00, code=19131
IM_250UA pin= 7, data=3/5, cur= 0.00, code=31118
IM_250UA pin= 7, data=4/5, cur= 150.00, code=43107
IM_250UA pin= 7, data=5/5, cur= 300.00, code=55122
VM pin= 7, data=1/4, volt=-1.5000, code=11573
VM pin= 7, data=2/4, volt= 0.0000, code=17478
VM pin= 7, data=3/4, volt= 3.0000, code=29286

VM pin= 7, data=4/4, volt= 6.0000, code=41101
RPATH pin= 7, R=1.62, V1=-0.0030, I1= 1.994, V2=-0.0323, I2= 19.997
CC_10UA_I1 pin= 8, data=1/4, code= 621, cur= 1.081
CC_10UA_I1 pin= 8, data=2/4, code=1287, cur= 2.586
CC_10UA_I1 pin= 8, data=3/4, code=3509, cur= 7.585
CC_10UA_I1 pin= 8, data=4/4, code=4620, cur= 10.096
CC_10UA_I2 pin= 8, data=1/4, code= 354, cur= 0.196
CC_10UA_I2 pin= 8, data=2/4, code= 910, cur= 2.700
CC_10UA_I2 pin= 8, data=3/4, code=2021, cur= 7.706
CC_10UA_I2 pin= 8, data=4/4, code=2576, cur= 10.200
CC_10UA_IM pin= 8, I1code=5463, I2code=5484
CC_250UA_I1 pin= 8, data=1/4, code= 284, cur= 9.99
CC_250UA_I1 pin= 8, data=2/4, code=1511, cur= 79.18
CC_250UA_I1 pin= 8, data=3/4, code=4178, cur= 228.87
CC_250UA_I1 pin= 8, data=4/4, code=5512, cur= 303.10
CC_250UA_I2 pin= 8, data=1/4, code= 409, cur= 13.13
CC_250UA_I2 pin= 8, data=2/4, code=1022, cur= 80.79
CC_250UA_I2 pin= 8, data=3/4, code=2355, cur= 228.23
CC_250UA_I2 pin= 8, data=4/4, code=3022, cur= 302.15
CC_250UA_IM pin= 8, I1code=5995, I2code=6056
ALD_I1 pin= 8, data=1/2, code= 510, cur= 1.589
ALD_I1 pin= 8, data=2/2, code=4109, cur= 19.086
ALD_I2 pin= 8, data=1/2, code= 510, cur= 1.588
ALD_I2 pin= 8, data=2/2, code=4109, cur= 19.509
IM_10UA pin= 8, data=1/5, cur=-10.000, code= 9012
IM_10UA pin= 8, data=2/5, cur= -5.000, code=19013
IM_10UA pin= 8, data=3/5, cur= 0.000, code=28978
IM_10UA pin= 8, data=4/5, cur= 5.000, code=38957
IM_10UA pin= 8, data=5/5, cur= 10.000, code=48997
IM_10UA pin= 8, data=1/3, v=-2.0000, cur=8.51789e-06, code=28995
IM_10UA pin= 8, data=2/3, v= 0.0000, cur=0.00000e+00, code=28978
IM_10UA pin= 8, data=3/3, v= 5.0000, cur=-4.36528e-05, code=28891
IM_250UA pin= 8, data=1/5, cur=-300.00, code= 7479
IM_250UA pin= 8, data=2/5, cur=-150.00, code=19486
IM_250UA pin= 8, data=3/5, cur= 0.00, code=31526
IM_250UA pin= 8, data=4/5, cur= 150.00, code=43562

IM_250UA pin= 8, data=5/5, cur= 300.00, code=55620
VM pin= 8, data=1/4, volt=-1.5000, code=11684
VM pin= 8, data=2/4, volt= 0.0000, code=17605
VM pin= 8, data=3/4, volt= 3.0000, code=29439
VM pin= 8, data=4/4, volt= 6.0000, code=41280
RPATH pin= 8, R=1.55, V1=-0.0033, I1= 1.993, V2=-0.0312, I2= 20.000
CC_10UA_I1 pin= 9, data=1/4, code= 621, cur= 1.170
CC_10UA_I1 pin= 9, data=2/4, code=1287, cur= 2.707
CC_10UA_I1 pin= 9, data=3/4, code=3509, cur= 7.816
CC_10UA_I1 pin= 9, data=4/4, code=4620, cur= 10.379
CC_10UA_I2 pin= 9, data=1/4, code= 354, cur= 0.132
CC_10UA_I2 pin= 9, data=2/4, code= 910, cur= 2.646
CC_10UA_I2 pin= 9, data=3/4, code=2021, cur= 7.674
CC_10UA_I2 pin= 9, data=4/4, code=2576, cur= 10.176
CC_10UA_IM pin= 9, I1code=5323, I2code=5476
CC_250UA_I1 pin= 9, data=1/4, code= 284, cur= 11.13
CC_250UA_I1 pin= 9, data=2/4, code=1511, cur= 82.02
CC_250UA_I1 pin= 9, data=3/4, code=4178, cur= 234.80
CC_250UA_I1 pin= 9, data=4/4, code=5512, cur= 310.38
CC_250UA_I2 pin= 9, data=1/4, code= 409, cur= 11.81
CC_250UA_I2 pin= 9, data=2/4, code=1022, cur= 80.47
CC_250UA_I2 pin= 9, data=3/4, code=2355, cur= 230.03
CC_250UA_I2 pin= 9, data=4/4, code=3022, cur= 304.92
CC_250UA_IM pin= 9, I1code=5858, I2code=5985
ALD_I1 pin= 9, data=1/2, code= 510, cur= 1.785
ALD_I1 pin= 9, data=2/2, code=4109, cur= 19.332
ALD_I2 pin= 9, data=1/2, code= 510, cur= 1.787
ALD_I2 pin= 9, data=2/2, code=4109, cur= 20.044
IM_10UA pin= 9, data=1/5, cur=-10.000, code= 9107
IM_10UA pin= 9, data=2/5, cur= -5.000, code=18919
IM_10UA pin= 9, data=3/5, cur= 0.000, code=28699
IM_10UA pin= 9, data=4/5, cur= 5.000, code=38505
IM_10UA pin= 9, data=5/5, cur= 10.000, code=48378
IM_10UA pin= 9, data=1/3, v=-2.0000, cur=1.58066e-05, code=28730
IM_10UA pin= 9, data=2/3, v= 0.0000, cur=0.00000e+00, code=28699
IM_10UA pin= 9, data=3/3, v= 5.0000, cur=-2.70961e-05, code=28646

IM_250UA pin= 9, data=1/5, cur=-300.00, code= 7633
IM_250UA pin= 9, data=2/5, cur=-150.00, code=19495
IM_250UA pin= 9, data=3/5, cur= 0.00, code=31407
IM_250UA pin= 9, data=4/5, cur= 150.00, code=43321
IM_250UA pin= 9, data=5/5, cur= 300.00, code=55276
VM pin= 9, data=1/4, volt=-1.5000, code=11536
VM pin= 9, data=2/4, volt= 0.0000, code=17404
VM pin= 9, data=3/4, volt= 3.0000, code=29136
VM pin= 9, data=4/4, volt= 6.0000, code=40872
RPATH pin= 9, R=1.68, V1=-0.0033, I1= 1.993, V2=-0.0335, I2= 20.000
CC_10UA_I1 pin= 10, data=1/4, code= 621, cur= 1.085
CC_10UA_I1 pin= 10, data=2/4, code=1287, cur= 2.594
CC_10UA_I1 pin= 10, data=3/4, code=3509, cur= 7.616
CC_10UA_I1 pin= 10, data=4/4, code=4620, cur= 10.135
CC_10UA_I2 pin= 10, data=1/4, code= 354, cur= 0.180
CC_10UA_I2 pin= 10, data=2/4, code= 910, cur= 2.639
CC_10UA_I2 pin= 10, data=3/4, code=2021, cur= 7.559
CC_10UA_I2 pin= 10, data=4/4, code=2576, cur= 10.006
CC_10UA_IM pin= 10, I1code=5443, I2code=5570
CC_250UA_I1 pin= 10, data=1/4, code= 284, cur= 9.04
CC_250UA_I1 pin= 10, data=2/4, code=1511, cur= 78.60
CC_250UA_I1 pin= 10, data=3/4, code=4178, cur= 229.40
CC_250UA_I1 pin= 10, data=4/4, code=5512, cur= 304.22
CC_250UA_I2 pin= 10, data=1/4, code= 409, cur= 12.74
CC_250UA_I2 pin= 10, data=2/4, code=1022, cur= 79.48
CC_250UA_I2 pin= 10, data=3/4, code=2355, cur= 224.84
CC_250UA_I2 pin= 10, data=4/4, code=3022, cur= 297.41
CC_250UA_IM pin= 10, I1code=5972, I2code=6170
ALD_I1 pin= 10, data=1/2, code= 510, cur= 1.636
ALD_I1 pin= 10, data=2/2, code=4109, cur= 19.286
ALD_I2 pin= 10, data=1/2, code= 510, cur= 1.818
ALD_I2 pin= 10, data=2/2, code=4109, cur= 20.167
IM_10UA pin= 10, data=1/5, cur=-10.000, code= 9283
IM_10UA pin= 10, data=2/5, cur= -5.000, code=19253
IM_10UA pin= 10, data=3/5, cur= 0.000, code=29161
IM_10UA pin= 10, data=4/5, cur= 5.000, code=39078

IM_10UA pin= 10, data=5/5, cur= 10.000, code=49044
IM_10UA pin= 10, data=1/3, v=-2.0000, cur=1.51255e-05, code=29191
IM_10UA pin= 10, data=2/3, v= 0.0000, cur=0.00000e+00, code=29161
IM_10UA pin= 10, data=3/3, v= 5.0000, cur=-2.57368e-05, code=29110
IM_250UA pin= 10, data=1/5, cur=-300.00, code= 7739
IM_250UA pin= 10, data=2/5, cur=-150.00, code=19630
IM_250UA pin= 10, data=3/5, cur= 0.00, code=31548
IM_250UA pin= 10, data=4/5, cur= 150.00, code=43463
IM_250UA pin= 10, data=5/5, cur= 300.00, code=55418
VM pin= 10, data=1/4, volt=-1.5000, code=11376
VM pin= 10, data=2/4, volt= 0.0000, code=17256
VM pin= 10, data=3/4, volt= 3.0000, code=29012
VM pin= 10, data=4/4, volt= 6.0000, code=40772
RPATH pin= 10, R=1.71, V1=-0.0036, I1= 1.993, V2=-0.0344, I2= 19.999
CC_10UA_I1 pin= 11, data=1/4, code= 621, cur= 1.014
CC_10UA_I1 pin= 11, data=2/4, code=1287, cur= 2.539
CC_10UA_I1 pin= 11, data=3/4, code=3509, cur= 7.611
CC_10UA_I1 pin= 11, data=4/4, code=4620, cur= 10.155
CC_10UA_I2 pin= 11, data=1/4, code= 354, cur= 0.069
CC_10UA_I2 pin= 11, data=2/4, code= 910, cur= 2.509
CC_10UA_I2 pin= 11, data=3/4, code=2021, cur= 7.413
CC_10UA_I2 pin= 11, data=4/4, code=2576, cur= 9.861
CC_10UA_IM pin= 11, I1code=5426, I2code=5600
CC_250UA_I1 pin= 11, data=1/4, code= 284, cur= 8.31
CC_250UA_I1 pin= 11, data=2/4, code=1511, cur= 78.80
CC_250UA_I1 pin= 11, data=3/4, code=4178, cur= 231.40
CC_250UA_I1 pin= 11, data=4/4, code=5512, cur= 307.10
CC_250UA_I2 pin= 11, data=1/4, code= 409, cur= 10.38
CC_250UA_I2 pin= 11, data=2/4, code=1022, cur= 78.32
CC_250UA_I2 pin= 11, data=3/4, code=2355, cur= 226.39
CC_250UA_I2 pin= 11, data=4/4, code=3022, cur= 300.56
CC_250UA_IM pin= 11, I1code=5916, I2code=6055
ALD_I1 pin= 11, data=1/2, code= 510, cur= 1.736
ALD_I1 pin= 11, data=2/2, code=4109, cur= 19.403
ALD_I2 pin= 11, data=1/2, code= 510, cur= 1.801
ALD_I2 pin= 11, data=2/2, code=4109, cur= 20.196

IM_10UA pin= 11, data=1/5, cur=-10.000, code= 9651
IM_10UA pin= 11, data=2/5, cur= -5.000, code=19482
IM_10UA pin= 11, data=3/5, cur= 0.000, code=29270
IM_10UA pin= 11, data=4/5, cur= 5.000, code=39074
IM_10UA pin= 11, data=5/5, cur= 10.000, code=48938
IM_10UA pin= 11, data=1/3, v=-2.0000, cur=1.37699e-05, code=29297
IM_10UA pin= 11, data=2/3, v= 0.0000, cur=0.00000e+00, code=29270
IM_10UA pin= 11, data=3/3, v= 5.0000, cur=-1.78790e-05, code=29235
IM_250UA pin= 11, data=1/5, cur=-300.00, code= 8179
IM_250UA pin= 11, data=2/5, cur=-150.00, code=20010
IM_250UA pin= 11, data=3/5, cur= 0.00, code=31888
IM_250UA pin= 11, data=4/5, cur= 150.00, code=43777
IM_250UA pin= 11, data=5/5, cur= 300.00, code=55701
VM pin= 11, data=1/4, volt=-1.5000, code=11669
VM pin= 11, data=2/4, volt= 0.0000, code=17544
VM pin= 11, data=3/4, volt= 3.0000, code=29290
VM pin= 11, data=4/4, volt= 6.0000, code=41042
RPATH pin= 11, R=1.72, V1=-0.0033, I1= 1.989, V2=-0.0342, I2= 19.999
CC_10UA_I1 pin= 12, data=1/4, code= 621, cur= 0.997
CC_10UA_I1 pin= 12, data=2/4, code=1287, cur= 2.493
CC_10UA_I1 pin= 12, data=3/4, code=3509, cur= 7.464
CC_10UA_I1 pin= 12, data=4/4, code=4620, cur= 9.960
CC_10UA_I2 pin= 12, data=1/4, code= 354, cur= 0.033
CC_10UA_I2 pin= 12, data=2/4, code= 910, cur= 2.492
CC_10UA_I2 pin= 12, data=3/4, code=2021, cur= 7.402
CC_10UA_I2 pin= 12, data=4/4, code=2576, cur= 9.846
CC_10UA_IM pin= 12, I1code=5528, I2code=5620
CC_250UA_I1 pin= 12, data=1/4, code= 284, cur= 7.34
CC_250UA_I1 pin= 12, data=2/4, code=1511, cur= 76.09
CC_250UA_I1 pin= 12, data=3/4, code=4178, cur= 225.08
CC_250UA_I1 pin= 12, data=4/4, code=5512, cur= 299.04
CC_250UA_I2 pin= 12, data=1/4, code= 409, cur= 9.16
CC_250UA_I2 pin= 12, data=2/4, code=1022, cur= 75.34
CC_250UA_I2 pin= 12, data=3/4, code=2355, cur= 218.23
CC_250UA_I2 pin= 12, data=4/4, code=3022, cur= 289.34
CC_250UA_IM pin= 12, I1code=6071, I2code=6330

ALD_I1 pin= 12, data=1/2, code= 510, cur= 1.584
ALD_I1 pin= 12, data=2/2, code=4109, cur= 18.999
ALD_I2 pin= 12, data=1/2, code= 510, cur= 1.538
ALD_I2 pin= 12, data=2/2, code=4109, cur= 19.797
IM_10UA pin= 12, data=1/5, cur=-10.000, code= 9212
IM_10UA pin= 12, data=2/5, cur= -5.000, code=19363
IM_10UA pin= 12, data=3/5, cur= 0.000, code=29478
IM_10UA pin= 12, data=4/5, cur= 5.000, code=39609
IM_10UA pin= 12, data=5/5, cur= 10.000, code=49792
IM_10UA pin= 12, data=1/3, v=-2.0000, cur=1.87543e-05, code=29516
IM_10UA pin= 12, data=2/3, v= 0.0000, cur=0.00000e+00, code=29478
IM_10UA pin= 12, data=3/3, v= 5.0000, cur=-3.80623e-05, code=29401
IM_250UA pin= 12, data=1/5, cur=-300.00, code= 7665
IM_250UA pin= 12, data=2/5, cur=-150.00, code=19851
IM_250UA pin= 12, data=3/5, cur= 0.00, code=32068
IM_250UA pin= 12, data=4/5, cur= 150.00, code=44284
IM_250UA pin= 12, data=5/5, cur= 300.00, code=56535
VM pin= 12, data=1/4, volt=-1.5000, code=11460
VM pin= 12, data=2/4, volt= 0.0000, code=17369
VM pin= 12, data=3/4, volt= 3.0000, code=29182
VM pin= 12, data=4/4, volt= 6.0000, code=40998
RPATH pin= 12, R=1.71, V1=-0.0036, I1= 2.000, V2=-0.0343, I2= 19.995
CC_10UA_I1 pin= 13, data=1/4, code= 621, cur= 1.132
CC_10UA_I1 pin= 13, data=2/4, code=1287, cur= 2.672
CC_10UA_I1 pin= 13, data=3/4, code=3509, cur= 7.788
CC_10UA_I1 pin= 13, data=4/4, code=4620, cur= 10.354
CC_10UA_I2 pin= 13, data=1/4, code= 354, cur= 0.258
CC_10UA_I2 pin= 13, data=2/4, code= 910, cur= 2.810
CC_10UA_I2 pin= 13, data=3/4, code=2021, cur= 7.899
CC_10UA_I2 pin= 13, data=4/4, code=2576, cur= 10.433
CC_10UA_IM pin= 13, I1code=5332, I2code=5379
CC_250UA_I1 pin= 13, data=1/4, code= 284, cur= 10.43
CC_250UA_I1 pin= 13, data=2/4, code=1511, cur= 81.42
CC_250UA_I1 pin= 13, data=3/4, code=4178, cur= 234.77
CC_250UA_I1 pin= 13, data=4/4, code=5512, cur= 310.69
CC_250UA_I2 pin= 13, data=1/4, code= 409, cur= 15.17

CC_250UA_I2 pin= 13, data=2/4, code=1022, cur= 84.76
CC_250UA_I2 pin= 13, data=3/4, code=2355, cur= 236.11
CC_250UA_I2 pin= 13, data=4/4, code=3022, cur= 311.82
CC_250UA_IM pin= 13, I1code=5851, I2code=5900
ALD_I1 pin= 13, data=1/2, code= 510, cur= 1.563
ALD_I1 pin= 13, data=2/2, code=4109, cur= 19.091
ALD_I2 pin= 13, data=1/2, code= 510, cur= 1.849
ALD_I2 pin= 13, data=2/2, code=4109, cur= 20.048
IM_10UA pin= 13, data=1/5, cur=-10.000, code= 9114
IM_10UA pin= 13, data=2/5, cur= -5.000, code=19003
IM_10UA pin= 13, data=3/5, cur= 0.000, code=28831
IM_10UA pin= 13, data=4/5, cur= 5.000, code=38675
IM_10UA pin= 13, data=5/5, cur= 10.000, code=48571
IM_10UA pin= 13, data=1/3, v=-2.0000, cur=1.87932e-05, code=28868
IM_10UA pin= 13, data=2/3, v= 0.0000, cur=0.00000e+00, code=28831
IM_10UA pin= 13, data=3/3, v= 5.0000, cur=-2.79813e-05, code=28776
IM_250UA pin= 13, data=1/5, cur=-300.00, code= 7591
IM_250UA pin= 13, data=2/5, cur=-150.00, code=19403
IM_250UA pin= 13, data=3/5, cur= 0.00, code=31224
IM_250UA pin= 13, data=4/5, cur= 150.00, code=43044
IM_250UA pin= 13, data=5/5, cur= 300.00, code=54898
VM pin= 13, data=1/4, volt=-1.5000, code=11442
VM pin= 13, data=2/4, volt= 0.0000, code=17290
VM pin= 13, data=3/4, volt= 3.0000, code=28984
VM pin= 13, data=4/4, volt= 6.0000, code=40682
RPATH pin= 13, R=1.70, V1=-0.0033, I1= 1.993, V2=-0.0339, I2= 19.999
CC_10UA_I1 pin= 14, data=1/4, code= 621, cur= 1.177
CC_10UA_I1 pin= 14, data=2/4, code=1287, cur= 2.710
CC_10UA_I1 pin= 14, data=3/4, code=3509, cur= 7.804
CC_10UA_I1 pin= 14, data=4/4, code=4620, cur= 10.358
CC_10UA_I2 pin= 14, data=1/4, code= 354, cur= 0.279
CC_10UA_I2 pin= 14, data=2/4, code= 910, cur= 2.755
CC_10UA_I2 pin= 14, data=3/4, code=2021, cur= 7.726
CC_10UA_I2 pin= 14, data=4/4, code=2576, cur= 10.202
CC_10UA_IM pin= 14, I1code=5334, I2code=5487
CC_250UA_I1 pin= 14, data=1/4, code= 284, cur= 11.58

CC_250UA_I1 pin= 14, data=2/4, code=1511, cur= 82.14
CC_250UA_I1 pin= 14, data=3/4, code=4178, cur= 235.14
CC_250UA_I1 pin= 14, data=4/4, code=5512, cur= 311.02
CC_250UA_I2 pin= 14, data=1/4, code= 409, cur= 15.39
CC_250UA_I2 pin= 14, data=2/4, code=1022, cur= 83.58
CC_250UA_I2 pin= 14, data=3/4, code=2355, cur= 232.85
CC_250UA_I2 pin= 14, data=4/4, code=3022, cur= 307.77
CC_250UA_IM pin= 14, I1code=5846, I2code=5959
ALD_I1 pin= 14, data=1/2, code= 510, cur= 1.733
ALD_I1 pin= 14, data=2/2, code=4109, cur= 19.283
ALD_I2 pin= 14, data=1/2, code= 510, cur= 1.742
ALD_I2 pin= 14, data=2/2, code=4109, cur= 19.998
IM_10UA pin= 14, data=1/5, cur=-10.000, code= 8791
IM_10UA pin= 14, data=2/5, cur= -5.000, code=18543
IM_10UA pin= 14, data=3/5, cur= 0.000, code=28248
IM_10UA pin= 14, data=4/5, cur= 5.000, code=37958
IM_10UA pin= 14, data=5/5, cur= 10.000, code=47719
IM_10UA pin= 14, data=1/3, v=-2.0000, cur=1.33883e-05, code=28274
IM_10UA pin= 14, data=2/3, v= 0.0000, cur=0.00000e+00, code=28248
IM_10UA pin= 14, data=3/3, v= 5.0000, cur=-2.67903e-05, code=28196
IM_250UA pin= 14, data=1/5, cur=-300.00, code= 7258
IM_250UA pin= 14, data=2/5, cur=-150.00, code=18920
IM_250UA pin= 14, data=3/5, cur= 0.00, code=30614
IM_250UA pin= 14, data=4/5, cur= 150.00, code=42311
IM_250UA pin= 14, data=5/5, cur= 300.00, code=54041
VM pin= 14, data=1/4, volt=-1.5000, code=11515
VM pin= 14, data=2/4, volt= 0.0000, code=17375
VM pin= 14, data=3/4, volt= 3.0000, code=29092
VM pin= 14, data=4/4, volt= 6.0000, code=40811
RPATH pin= 14, R=1.72, V1=-0.0033, I1= 1.991, V2=-0.0343, I2= 19.997
CC_10UA_I1 pin= 15, data=1/4, code= 621, cur= 1.186
CC_10UA_I1 pin= 15, data=2/4, code=1287, cur= 2.738
CC_10UA_I1 pin= 15, data=3/4, code=3509, cur= 7.896
CC_10UA_I1 pin= 15, data=4/4, code=4620, cur= 10.485
CC_10UA_I2 pin= 15, data=1/4, code= 354, cur= 0.101
CC_10UA_I2 pin= 15, data=2/4, code= 910, cur= 2.601

CC_10UA_I2 pin= 15, data=3/4, code=2021, cur= 7.601
CC_10UA_I2 pin= 15, data=4/4, code=2576, cur= 10.101
CC_10UA_IM pin= 15, I1code=5270, I2code=5499
CC_250UA_I1 pin= 15, data=1/4, code= 284, cur= 11.32
CC_250UA_I1 pin= 15, data=2/4, code=1511, cur= 83.01
CC_250UA_I1 pin= 15, data=3/4, code=4178, cur= 238.00
CC_250UA_I1 pin= 15, data=4/4, code=5512, cur= 314.79
CC_250UA_I2 pin= 15, data=1/4, code= 409, cur= 11.23
CC_250UA_I2 pin= 15, data=2/4, code=1022, cur= 79.62
CC_250UA_I2 pin= 15, data=3/4, code=2355, cur= 227.23
CC_250UA_I2 pin= 15, data=4/4, code=3022, cur= 300.44
CC_250UA_IM pin= 15, I1code=5776, I2code=6146
ALD_I1 pin= 15, data=1/2, code= 510, cur= 1.381
ALD_I1 pin= 15, data=2/2, code=4109, cur= 18.978
ALD_I2 pin= 15, data=1/2, code= 510, cur= 1.962
ALD_I2 pin= 15, data=2/2, code=4109, cur= 20.514
IM_10UA pin= 15, data=1/5, cur=-10.000, code= 8989
IM_10UA pin= 15, data=2/5, cur= -5.000, code=18821
IM_10UA pin= 15, data=3/5, cur= 0.000, code=28576
IM_10UA pin= 15, data=4/5, cur= 5.000, code=38331
IM_10UA pin= 15, data=5/5, cur= 10.000, code=48127
IM_10UA pin= 15, data=1/3, v=-2.0000, cur=1.17888e-05, code=28599
IM_10UA pin= 15, data=2/3, v= 0.0000, cur=0.00000e+00, code=28576
IM_10UA pin= 15, data=3/3, v= 5.0000, cur=-3.17786e-05, code=28514
IM_250UA pin= 15, data=1/5, cur=-300.00, code= 7475
IM_250UA pin= 15, data=2/5, cur=-150.00, code=19154
IM_250UA pin= 15, data=3/5, cur= 0.00, code=30859
IM_250UA pin= 15, data=4/5, cur= 150.00, code=42565
IM_250UA pin= 15, data=5/5, cur= 300.00, code=54299
VM pin= 15, data=1/4, volt=-1.5000, code=11666
VM pin= 15, data=2/4, volt= 0.0000, code=17533
VM pin= 15, data=3/4, volt= 3.0000, code=29265
VM pin= 15, data=4/4, volt= 6.0000, code=41002
RPATH pin= 15, R=1.69, V1=-0.0033, I1= 1.999, V2=-0.0337, I2= 19.997
CC_10UA_I1 pin= 16, data=1/4, code= 621, cur= 1.079
CC_10UA_I1 pin= 16, data=2/4, code=1287, cur= 2.629

CC_10UA_I1 pin= 16, data=3/4, code=3509, cur= 7.778
CC_10UA_I1 pin= 16, data=4/4, code=4620, cur= 10.362
CC_10UA_I2 pin= 16, data=1/4, code= 354, cur= 0.173
CC_10UA_I2 pin= 16, data=2/4, code= 910, cur= 2.722
CC_10UA_I2 pin= 16, data=3/4, code=2021, cur= 7.819
CC_10UA_I2 pin= 16, data=4/4, code=2576, cur= 10.354
CC_10UA_IM pin= 16, I1code=5324, I2code=5397
CC_250UA_I1 pin= 16, data=1/4, code= 284, cur= 8.90
CC_250UA_I1 pin= 16, data=2/4, code=1511, cur= 80.18
CC_250UA_I1 pin= 16, data=3/4, code=4178, cur= 234.40
CC_250UA_I1 pin= 16, data=4/4, code=5512, cur= 310.78
CC_250UA_I2 pin= 16, data=1/4, code= 409, cur= 12.85
CC_250UA_I2 pin= 16, data=2/4, code=1022, cur= 81.73
CC_250UA_I2 pin= 16, data=3/4, code=2355, cur= 231.19
CC_250UA_I2 pin= 16, data=4/4, code=3022, cur= 305.86
CC_250UA_IM pin= 16, I1code=5848, I2code=6011
ALD_I1 pin= 16, data=1/2, code= 510, cur= 1.668
ALD_I1 pin= 16, data=2/2, code=4109, cur= 19.300
ALD_I2 pin= 16, data=1/2, code= 510, cur= 1.629
ALD_I2 pin= 16, data=2/2, code=4109, cur= 20.081
IM_10UA pin= 16, data=1/5, cur=-10.000, code= 9146
IM_10UA pin= 16, data=2/5, cur= -5.000, code=18916
IM_10UA pin= 16, data=3/5, cur= 0.000, code=28628
IM_10UA pin= 16, data=4/5, cur= 5.000, code=38344
IM_10UA pin= 16, data=5/5, cur= 10.000, code=48104
IM_10UA pin= 16, data=1/3, v=-2.0000, cur=1.23508e-05, code=28652
IM_10UA pin= 16, data=2/3, v= 0.0000, cur=0.00000e+00, code=28628
IM_10UA pin= 16, data=3/3, v= 5.0000, cur=-2.98600e-05, code=28570
IM_250UA pin= 16, data=1/5, cur=-300.00, code= 7636
IM_250UA pin= 16, data=2/5, cur=-150.00, code=19306
IM_250UA pin= 16, data=3/5, cur= 0.00, code=30996
IM_250UA pin= 16, data=4/5, cur= 150.00, code=42700
IM_250UA pin= 16, data=5/5, cur= 300.00, code=54432
VM pin= 16, data=1/4, volt=-1.5000, code=11360
VM pin= 16, data=2/4, volt= 0.0000, code=17230
VM pin= 16, data=3/4, volt= 3.0000, code=28968

VM pin= 16, data=4/4, volt= 6.0000, code=40708
RPATH pin= 16, R=1.65, V1=-0.0036, I1= 1.993, V2=-0.0332, I2= 20.001
CC_10UA_I1 pin= 17, data=1/4, code= 621, cur= 1.045
CC_10UA_I1 pin= 17, data=2/4, code=1287, cur= 2.563
CC_10UA_I1 pin= 17, data=3/4, code=3509, cur= 7.603
CC_10UA_I1 pin= 17, data=4/4, code=4620, cur= 10.133
CC_10UA_I2 pin= 17, data=1/4, code= 354, cur= -0.105
CC_10UA_I2 pin= 17, data=2/4, code= 910, cur= 2.312
CC_10UA_I2 pin= 17, data=3/4, code=2021, cur= 7.167
CC_10UA_I2 pin= 17, data=4/4, code=2576, cur= 9.585
CC_10UA_IM pin= 17, I1code=5440, I2code=5699
CC_250UA_I1 pin= 17, data=1/4, code= 284, cur= 8.29
CC_250UA_I1 pin= 17, data=2/4, code=1511, cur= 78.08
CC_250UA_I1 pin= 17, data=3/4, code=4178, cur= 228.87
CC_250UA_I1 pin= 17, data=4/4, code=5512, cur= 303.55
CC_250UA_I2 pin= 17, data=1/4, code= 409, cur= 6.10
CC_250UA_I2 pin= 17, data=2/4, code=1022, cur= 73.11
CC_250UA_I2 pin= 17, data=3/4, code=2355, cur= 218.78
CC_250UA_I2 pin= 17, data=4/4, code=3022, cur= 291.39
CC_250UA_IM pin= 17, I1code=5984, I2code=6229
ALD_I1 pin= 17, data=1/2, code= 510, cur= 1.604
ALD_I1 pin= 17, data=2/2, code=4109, cur= 19.205
ALD_I2 pin= 17, data=1/2, code= 510, cur= 1.667
ALD_I2 pin= 17, data=2/2, code=4109, cur= 19.881
IM_10UA pin= 17, data=1/5, cur=-10.000, code= 9606
IM_10UA pin= 17, data=2/5, cur= -5.000, code=19558
IM_10UA pin= 17, data=3/5, cur= 0.000, code=29458
IM_10UA pin= 17, data=4/5, cur= 5.000, code=39365
IM_10UA pin= 17, data=5/5, cur= 10.000, code=49323
IM_10UA pin= 17, data=1/3, v=-2.0000, cur=1.76643e-05, code=29493
IM_10UA pin= 17, data=2/3, v= 0.0000, cur=0.00000e+00, code=29458
IM_10UA pin= 17, data=3/3, v= 5.0000, cur=-3.43434e-05, code=29390
IM_250UA pin= 17, data=1/5, cur=-300.00, code= 8055
IM_250UA pin= 17, data=2/5, cur=-150.00, code=19941
IM_250UA pin= 17, data=3/5, cur= 0.00, code=31843
IM_250UA pin= 17, data=4/5, cur= 150.00, code=43739

IM_250UA pin= 17, data=5/5, cur= 300.00, code=55663
VM pin= 17, data=1/4, volt=-1.5000, code=11645
VM pin= 17, data=2/4, volt= 0.0000, code=17484
VM pin= 17, data=3/4, volt= 3.0000, code=29161
VM pin= 17, data=4/4, volt= 6.0000, code=40845
RPATH pin= 17, R=1.64, V1=-0.0033, I1= 1.993, V2=-0.0329, I2= 20.002
CC_10UA_I1 pin= 18, data=1/4, code= 621, cur= 1.096
CC_10UA_I1 pin= 18, data=2/4, code=1287, cur= 2.577
CC_10UA_I1 pin= 18, data=3/4, code=3509, cur= 7.510
CC_10UA_I1 pin= 18, data=4/4, code=4620, cur= 9.991
CC_10UA_I2 pin= 18, data=1/4, code= 354, cur= 0.042
CC_10UA_I2 pin= 18, data=2/4, code= 910, cur= 2.477
CC_10UA_I2 pin= 18, data=3/4, code=2021, cur= 7.348
CC_10UA_I2 pin= 18, data=4/4, code=2576, cur= 9.771
CC_10UA_IM pin= 18, I1code=5520, I2code=5655
CC_250UA_I1 pin= 18, data=1/4, code= 284, cur= 9.49
CC_250UA_I1 pin= 18, data=2/4, code=1511, cur= 77.83
CC_250UA_I1 pin= 18, data=3/4, code=4178, cur= 225.72
CC_250UA_I1 pin= 18, data=4/4, code=5512, cur= 299.04
CC_250UA_I2 pin= 18, data=1/4, code= 409, cur= 9.23
CC_250UA_I2 pin= 18, data=2/4, code=1022, cur= 75.36
CC_250UA_I2 pin= 18, data=3/4, code=2355, cur= 218.87
CC_250UA_I2 pin= 18, data=4/4, code=3022, cur= 290.38
CC_250UA_IM pin= 18, I1code=6075, I2code=6290
ALD_I1 pin= 18, data=1/2, code= 510, cur= 1.410
ALD_I1 pin= 18, data=2/2, code=4109, cur= 18.651
ALD_I2 pin= 18, data=1/2, code= 510, cur= 1.618
ALD_I2 pin= 18, data=2/2, code=4109, cur= 19.548
IM_10UA pin= 18, data=1/5, cur=-10.000, code= 9477
IM_10UA pin= 18, data=2/5, cur= -5.000, code=19563
IM_10UA pin= 18, data=3/5, cur= 0.000, code=29585
IM_10UA pin= 18, data=4/5, cur= 5.000, code=39612
IM_10UA pin= 18, data=5/5, cur= 10.000, code=49688
IM_10UA pin= 18, data=1/3, v=-2.0000, cur=1.54583e-05, code=29616
IM_10UA pin= 18, data=2/3, v= 0.0000, cur=0.00000e+00, code=29585
IM_10UA pin= 18, data=3/3, v= 5.0000, cur=-3.14309e-05, code=29522

IM_250UA pin= 18, data=1/5, cur=-300.00, code= 7910
IM_250UA pin= 18, data=2/5, cur=-150.00, code=19921
IM_250UA pin= 18, data=3/5, cur= 0.00, code=31937
IM_250UA pin= 18, data=4/5, cur= 150.00, code=43947
IM_250UA pin= 18, data=5/5, cur= 300.00, code=55988
VM pin= 18, data=1/4, volt=-1.5000, code=11678
VM pin= 18, data=2/4, volt= 0.0000, code=17559
VM pin= 18, data=3/4, volt= 3.0000, code=29318
VM pin= 18, data=4/4, volt= 6.0000, code=41081
RPATH pin= 18, R=1.66, V1=-0.0031, I1= 1.995, V2=-0.0329, I2= 19.993
CC_10UA_I1 pin= 19, data=1/4, code= 621, cur= 1.075
CC_10UA_I1 pin= 19, data=2/4, code=1287, cur= 2.585
CC_10UA_I1 pin= 19, data=3/4, code=3509, cur= 7.607
CC_10UA_I1 pin= 19, data=4/4, code=4620, cur= 10.127
CC_10UA_I2 pin= 19, data=1/4, code= 354, cur= 0.091
CC_10UA_I2 pin= 19, data=2/4, code= 910, cur= 2.498
CC_10UA_I2 pin= 19, data=3/4, code=2021, cur= 7.324
CC_10UA_I2 pin= 19, data=4/4, code=2576, cur= 9.729
CC_10UA_IM pin= 19, I1code=5446, I2code=5681
CC_250UA_I1 pin= 19, data=1/4, code= 284, cur= 10.60
CC_250UA_I1 pin= 19, data=2/4, code=1511, cur= 80.06
CC_250UA_I1 pin= 19, data=3/4, code=4178, cur= 229.88
CC_250UA_I1 pin= 19, data=4/4, code=5512, cur= 303.98
CC_250UA_I2 pin= 19, data=1/4, code= 409, cur= 10.71
CC_250UA_I2 pin= 19, data=2/4, code=1022, cur= 77.47
CC_250UA_I2 pin= 19, data=3/4, code=2355, cur= 222.59
CC_250UA_I2 pin= 19, data=4/4, code=3022, cur= 295.01
CC_250UA_IM pin= 19, I1code=5980, I2code=6204
ALD_I1 pin= 19, data=1/2, code= 510, cur= 1.592
ALD_I1 pin= 19, data=2/2, code=4109, cur= 18.910
ALD_I2 pin= 19, data=1/2, code= 510, cur= 1.659
ALD_I2 pin= 19, data=2/2, code=4109, cur= 19.679
IM_10UA pin= 19, data=1/5, cur=-10.000, code= 9083
IM_10UA pin= 19, data=2/5, cur= -5.000, code=19031
IM_10UA pin= 19, data=3/5, cur= 0.000, code=28933
IM_10UA pin= 19, data=4/5, cur= 5.000, code=38859

IM_10UA pin= 19, data=5/5, cur= 10.000, code=48836
IM_10UA pin= 19, data=1/3, v=-2.0000, cur=1.36006e-05, code=28960
IM_10UA pin= 19, data=2/3, v= 0.0000, cur=0.00000e+00, code=28933
IM_10UA pin= 19, data=3/3, v= 5.0000, cur=-1.71682e-05, code=28899
IM_250UA pin= 19, data=1/5, cur=-300.00, code= 7570
IM_250UA pin= 19, data=2/5, cur=-150.00, code=19529
IM_250UA pin= 19, data=3/5, cur= 0.00, code=31513
IM_250UA pin= 19, data=4/5, cur= 150.00, code=43504
IM_250UA pin= 19, data=5/5, cur= 300.00, code=55525
VM pin= 19, data=1/4, volt=-1.5000, code=11655
VM pin= 19, data=2/4, volt= 0.0000, code=17528
VM pin= 19, data=3/4, volt= 3.0000, code=29267
VM pin= 19, data=4/4, volt= 6.0000, code=41013
RPATH pin= 19, R=1.66, V1=-0.0036, I1= 1.996, V2=-0.0335, I2= 20.000
CC_10UA_I1 pin= 20, data=1/4, code= 621, cur= 1.044
CC_10UA_I1 pin= 20, data=2/4, code=1287, cur= 2.530
CC_10UA_I1 pin= 20, data=3/4, code=3509, cur= 7.473
CC_10UA_I1 pin= 20, data=4/4, code=4620, cur= 9.952
CC_10UA_I2 pin= 20, data=1/4, code= 354, cur= 0.036
CC_10UA_I2 pin= 20, data=2/4, code= 910, cur= 2.425
CC_10UA_I2 pin= 20, data=3/4, code=2021, cur= 7.218
CC_10UA_I2 pin= 20, data=4/4, code=2576, cur= 9.609
CC_10UA_IM pin= 20, I1code=5538, I2code=5737
CC_250UA_I1 pin= 20, data=1/4, code= 284, cur= 8.82
CC_250UA_I1 pin= 20, data=2/4, code=1511, cur= 77.22
CC_250UA_I1 pin= 20, data=3/4, code=4178, cur= 225.08
CC_250UA_I1 pin= 20, data=4/4, code=5512, cur= 298.40
CC_250UA_I2 pin= 20, data=1/4, code= 409, cur= 9.10
CC_250UA_I2 pin= 20, data=2/4, code=1022, cur= 74.76
CC_250UA_I2 pin= 20, data=3/4, code=2355, cur= 218.41
CC_250UA_I2 pin= 20, data=4/4, code=3022, cur= 290.38
CC_250UA_IM pin= 20, I1code=6087, I2code=6245
ALD_I1 pin= 20, data=1/2, code= 510, cur= 1.394
ALD_I1 pin= 20, data=2/2, code=4109, cur= 18.645
ALD_I2 pin= 20, data=1/2, code= 510, cur= 1.693
ALD_I2 pin= 20, data=2/2, code=4109, cur= 19.588

IM_10UA pin= 20, data=1/5, cur=-10.000, code= 9175
IM_10UA pin= 20, data=2/5, cur= -5.000, code=19098
IM_10UA pin= 20, data=3/5, cur= 0.000, code=29001
IM_10UA pin= 20, data=4/5, cur= 5.000, code=38924
IM_10UA pin= 20, data=5/5, cur= 10.000, code=48910
IM_10UA pin= 20, data=1/3, v=-2.0000, cur=2.21707e-05, code=29045
IM_10UA pin= 20, data=2/3, v= 0.0000, cur=0.00000e+00, code=29001
IM_10UA pin= 20, data=3/3, v= 5.0000, cur=-3.53428e-05, code=28931
IM_250UA pin= 20, data=1/5, cur=-300.00, code= 7672
IM_250UA pin= 20, data=2/5, cur=-150.00, code=19660
IM_250UA pin= 20, data=3/5, cur= 0.00, code=31690
IM_250UA pin= 20, data=4/5, cur= 150.00, code=43726
IM_250UA pin= 20, data=5/5, cur= 300.00, code=55791
VM pin= 20, data=1/4, volt=-1.5000, code=11563
VM pin= 20, data=2/4, volt= 0.0000, code=17437
VM pin= 20, data=3/4, volt= 3.0000, code=29181
VM pin= 20, data=4/4, volt= 6.0000, code=40930
RPATH pin= 20, R=1.67, V1=-0.0033, I1= 1.994, V2=-0.0335, I2= 19.998
CC_10UA_I1 pin= 21, data=1/4, code= 621, cur= 1.129
CC_10UA_I1 pin= 21, data=2/4, code=1287, cur= 2.605
CC_10UA_I1 pin= 21, data=3/4, code=3509, cur= 7.508
CC_10UA_I1 pin= 21, data=4/4, code=4620, cur= 9.969
CC_10UA_I2 pin= 21, data=1/4, code= 354, cur= 0.099
CC_10UA_I2 pin= 21, data=2/4, code= 910, cur= 2.465
CC_10UA_I2 pin= 21, data=3/4, code=2021, cur= 7.212
CC_10UA_I2 pin= 21, data=4/4, code=2576, cur= 9.580
CC_10UA_IM pin= 21, I1code=5537, I2code=5774
CC_250UA_I1 pin= 21, data=1/4, code= 284, cur= 11.22
CC_250UA_I1 pin= 21, data=2/4, code=1511, cur= 79.24
CC_250UA_I1 pin= 21, data=3/4, code=4178, cur= 226.27
CC_250UA_I1 pin= 21, data=4/4, code=5512, cur= 299.20
CC_250UA_I2 pin= 21, data=1/4, code= 409, cur= 10.75
CC_250UA_I2 pin= 21, data=2/4, code=1022, cur= 76.29
CC_250UA_I2 pin= 21, data=3/4, code=2355, cur= 219.20
CC_250UA_I2 pin= 21, data=4/4, code=3022, cur= 290.77
CC_250UA_IM pin= 21, I1code=6075, I2code=6269

ALD_I1 pin= 21, data=1/2, code= 510, cur= 1.494
ALD_I1 pin= 21, data=2/2, code=4109, cur= 18.591
ALD_I2 pin= 21, data=1/2, code= 510, cur= 1.910
ALD_I2 pin= 21, data=2/2, code=4109, cur= 19.802
IM_10UA pin= 21, data=1/5, cur=-10.000, code= 9793
IM_10UA pin= 21, data=2/5, cur= -5.000, code=19862
IM_10UA pin= 21, data=3/5, cur= 0.000, code=29879
IM_10UA pin= 21, data=4/5, cur= 5.000, code=39913
IM_10UA pin= 21, data=5/5, cur= 10.000, code=50001
IM_10UA pin= 21, data=1/3, v=-2.0000, cur=1.39526e-05, code=29907
IM_10UA pin= 21, data=2/3, v= 0.0000, cur=0.00000e+00, code=29879
IM_10UA pin= 21, data=3/3, v= 5.0000, cur=-2.04652e-05, code=29838
IM_250UA pin= 21, data=1/5, cur=-300.00, code= 8226
IM_250UA pin= 21, data=2/5, cur=-150.00, code=20294
IM_250UA pin= 21, data=3/5, cur= 0.00, code=32391
IM_250UA pin= 21, data=4/5, cur= 150.00, code=44485
IM_250UA pin= 21, data=5/5, cur= 300.00, code=56607
VM pin= 21, data=1/4, volt=-1.5000, code=11736
VM pin= 21, data=2/4, volt= 0.0000, code=17586
VM pin= 21, data=3/4, volt= 3.0000, code=29283
VM pin= 21, data=4/4, volt= 6.0000, code=40987
RPATH pin= 21, R=1.67, V1=-0.0033, I1= 1.998, V2=-0.0333, I2= 19.999
CC_10UA_I1 pin= 22, data=1/4, code= 621, cur= 1.065
CC_10UA_I1 pin= 22, data=2/4, code=1287, cur= 2.552
CC_10UA_I1 pin= 22, data=3/4, code=3509, cur= 7.490
CC_10UA_I1 pin= 22, data=4/4, code=4620, cur= 9.965
CC_10UA_I2 pin= 22, data=1/4, code= 354, cur= 0.097
CC_10UA_I2 pin= 22, data=2/4, code= 910, cur= 2.524
CC_10UA_I2 pin= 22, data=3/4, code=2021, cur= 7.369
CC_10UA_I2 pin= 22, data=4/4, code=2576, cur= 9.788
CC_10UA_IM pin= 22, I1code=5533, I2code=5668
CC_250UA_I1 pin= 22, data=1/4, code= 284, cur= 9.23
CC_250UA_I1 pin= 22, data=2/4, code=1511, cur= 77.56
CC_250UA_I1 pin= 22, data=3/4, code=4178, cur= 225.34
CC_250UA_I1 pin= 22, data=4/4, code=5512, cur= 298.57
CC_250UA_I2 pin= 22, data=1/4, code= 409, cur= 10.54

CC_250UA_I2 pin= 22, data=2/4, code=1022, cur= 76.31
CC_250UA_I2 pin= 22, data=3/4, code=2355, cur= 218.91
CC_250UA_I2 pin= 22, data=4/4, code=3022, cur= 290.11
CC_250UA_IM pin= 22, I1code=6084, I2code=6311
ALD_I1 pin= 22, data=1/2, code= 510, cur= 1.572
ALD_I1 pin= 22, data=2/2, code=4109, cur= 18.845
ALD_I2 pin= 22, data=1/2, code= 510, cur= 1.635
ALD_I2 pin= 22, data=2/2, code=4109, cur= 19.736
IM_10UA pin= 22, data=1/5, cur=-10.000, code= 9501
IM_10UA pin= 22, data=2/5, cur= -5.000, code=19539
IM_10UA pin= 22, data=3/5, cur= 0.000, code=29525
IM_10UA pin= 22, data=4/5, cur= 5.000, code=39513
IM_10UA pin= 22, data=5/5, cur= 10.000, code=49554
IM_10UA pin= 22, data=1/3, v=-2.0000, cur=1.65198e-05, code=29558
IM_10UA pin= 22, data=2/3, v= 0.0000, cur=0.00000e+00, code=29525
IM_10UA pin= 22, data=3/3, v= 5.0000, cur=-3.30463e-05, code=29459
IM_250UA pin= 22, data=1/5, cur=-300.00, code= 7937
IM_250UA pin= 22, data=2/5, cur=-150.00, code=19946
IM_250UA pin= 22, data=3/5, cur= 0.00, code=31974
IM_250UA pin= 22, data=4/5, cur= 150.00, code=44000
IM_250UA pin= 22, data=5/5, cur= 300.00, code=56063
VM pin= 22, data=1/4, volt=-1.5000, code=11528
VM pin= 22, data=2/4, volt= 0.0000, code=17396
VM pin= 22, data=3/4, volt= 3.0000, code=29127
VM pin= 22, data=4/4, volt= 6.0000, code=40864
RPATH pin= 22, R=1.65, V1=-0.0033, I1= 1.991, V2=-0.0330, I2= 19.999
CC_10UA_I1 pin= 23, data=1/4, code= 621, cur= 1.176
CC_10UA_I1 pin= 23, data=2/4, code=1287, cur= 2.683
CC_10UA_I1 pin= 23, data=3/4, code=3509, cur= 7.696
CC_10UA_I1 pin= 23, data=4/4, code=4620, cur= 10.215
CC_10UA_I2 pin= 23, data=1/4, code= 354, cur= 0.310
CC_10UA_I2 pin= 23, data=2/4, code= 910, cur= 2.779
CC_10UA_I2 pin= 23, data=3/4, code=2021, cur= 7.706
CC_10UA_I2 pin= 23, data=4/4, code=2576, cur= 10.157
CC_10UA_IM pin= 23, I1code=5408, I2code=5541
CC_250UA_I1 pin= 23, data=1/4, code= 284, cur= 11.26

CC_250UA_I1 pin= 23, data=2/4, code=1511, cur= 80.69
CC_250UA_I1 pin= 23, data=3/4, code=4178, cur= 230.22
CC_250UA_I1 pin= 23, data=4/4, code=5512, cur= 304.15
CC_250UA_I2 pin= 23, data=1/4, code= 409, cur= 16.31
CC_250UA_I2 pin= 23, data=2/4, code=1022, cur= 83.60
CC_250UA_I2 pin= 23, data=3/4, code=2355, cur= 229.88
CC_250UA_I2 pin= 23, data=4/4, code=3022, cur= 303.02
CC_250UA_IM pin= 23, I1code=5979, I2code=6086
ALD_I1 pin= 23, data=1/2, code= 510, cur= 1.465
ALD_I1 pin= 23, data=2/2, code=4109, cur= 18.591
ALD_I2 pin= 23, data=1/2, code= 510, cur= 1.796
ALD_I2 pin= 23, data=2/2, code=4109, cur= 19.695
IM_10UA pin= 23, data=1/5, cur=-10.000, code= 8821
IM_10UA pin= 23, data=2/5, cur= -5.000, code=18717
IM_10UA pin= 23, data=3/5, cur= 0.000, code=28584
IM_10UA pin= 23, data=4/5, cur= 5.000, code=38472
IM_10UA pin= 23, data=5/5, cur= 10.000, code=48425
IM_10UA pin= 23, data=1/3, v=-2.0000, cur=1.46642e-05, code=28613
IM_10UA pin= 23, data=2/3, v= 0.0000, cur=0.00000e+00, code=28584
IM_10UA pin= 23, data=3/3, v= 5.0000, cur=-3.14179e-05, code=28522
IM_250UA pin= 23, data=1/5, cur=-300.00, code= 7320
IM_250UA pin= 23, data=2/5, cur=-150.00, code=19280
IM_250UA pin= 23, data=3/5, cur= 0.00, code=31288
IM_250UA pin= 23, data=4/5, cur= 150.00, code=43307
IM_250UA pin= 23, data=5/5, cur= 300.00, code=55362
VM pin= 23, data=1/4, volt=-1.5000, code=11527
VM pin= 23, data=2/4, volt= 0.0000, code=17387
VM pin= 23, data=3/4, volt= 3.0000, code=29103
VM pin= 23, data=4/4, volt= 6.0000, code=40823
RPATH pin= 23, R=1.66, V1=-0.0033, I1= 1.999, V2=-0.0333, I2= 20.000
CC_10UA_I1 pin= 24, data=1/4, code= 621, cur= 1.021
CC_10UA_I1 pin= 24, data=2/4, code=1287, cur= 2.513
CC_10UA_I1 pin= 24, data=3/4, code=3509, cur= 7.477
CC_10UA_I1 pin= 24, data=4/4, code=4620, cur= 9.965
CC_10UA_I2 pin= 24, data=1/4, code= 354, cur= 0.161
CC_10UA_I2 pin= 24, data=2/4, code= 910, cur= 2.610

CC_10UA_I2 pin= 24, data=3/4, code=2021, cur= 7.501
CC_10UA_I2 pin= 24, data=4/4, code=2576, cur= 9.933
CC_10UA_IM pin= 24, I1code=5528, I2code=5612
CC_250UA_I1 pin= 24, data=1/4, code= 284, cur= 7.99
CC_250UA_I1 pin= 24, data=2/4, code=1511, cur= 76.62
CC_250UA_I1 pin= 24, data=3/4, code=4178, cur= 224.86
CC_250UA_I1 pin= 24, data=4/4, code=5512, cur= 298.28
CC_250UA_I2 pin= 24, data=1/4, code= 409, cur= 12.02
CC_250UA_I2 pin= 24, data=2/4, code=1022, cur= 78.13
CC_250UA_I2 pin= 24, data=3/4, code=2355, cur= 221.58
CC_250UA_I2 pin= 24, data=4/4, code=3022, cur= 293.18
CC_250UA_IM pin= 24, I1code=6088, I2code=6253
ALD_I1 pin= 24, data=1/2, code= 510, cur= 1.625
ALD_I1 pin= 24, data=2/2, code=4109, cur= 18.720
ALD_I2 pin= 24, data=1/2, code= 510, cur= 1.719
ALD_I2 pin= 24, data=2/2, code=4109, cur= 19.518
IM_10UA pin= 24, data=1/5, cur=-10.000, code= 9489
IM_10UA pin= 24, data=2/5, cur= -5.000, code=19525
IM_10UA pin= 24, data=3/5, cur= 0.000, code=29507
IM_10UA pin= 24, data=4/5, cur= 5.000, code=39498
IM_10UA pin= 24, data=5/5, cur= 10.000, code=49545
IM_10UA pin= 24, data=1/3, v=-2.0000, cur=1.95176e-05, code=29546
IM_10UA pin= 24, data=2/3, v= 0.0000, cur=0.00000e+00, code=29507
IM_10UA pin= 24, data=3/3, v= 5.0000, cur=-3.25586e-05, code=29442
IM_250UA pin= 24, data=1/5, cur=-300.00, code= 7953
IM_250UA pin= 24, data=2/5, cur=-150.00, code=19944
IM_250UA pin= 24, data=3/5, cur= 0.00, code=31946
IM_250UA pin= 24, data=4/5, cur= 150.00, code=43943
IM_250UA pin= 24, data=5/5, cur= 300.00, code=55975
VM pin= 24, data=1/4, volt=-1.5000, code=11530
VM pin= 24, data=2/4, volt= 0.0000, code=17382
VM pin= 24, data=3/4, volt= 3.0000, code=29081
VM pin= 24, data=4/4, volt= 6.0000, code=40786
RPATH pin= 24, R=1.67, V1=-0.0036, I1= 1.995, V2=-0.0336, 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= 2.545

CC_10UA_I1 pin= 25, data=3/4, code=3509, cur= 7.508
CC_10UA_I1 pin= 25, data=4/4, code=4620, cur= 9.999
CC_10UA_I2 pin= 25, data=1/4, code= 354, cur= 0.146
CC_10UA_I2 pin= 25, data=2/4, code= 910, cur= 2.567
CC_10UA_I2 pin= 25, data=3/4, code=2021, cur= 7.410
CC_10UA_I2 pin= 25, data=4/4, code=2576, cur= 9.824
CC_10UA_IM pin= 25, I1code=5513, I2code=5656
CC_250UA_I1 pin= 25, data=1/4, code= 284, cur= 9.05
CC_250UA_I1 pin= 25, data=2/4, code=1511, cur= 77.83
CC_250UA_I1 pin= 25, data=3/4, code=4178, cur= 226.66
CC_250UA_I1 pin= 25, data=4/4, code=5512, cur= 300.44
CC_250UA_I2 pin= 25, data=1/4, code= 409, cur= 11.89
CC_250UA_I2 pin= 25, data=2/4, code=1022, cur= 78.53
CC_250UA_I2 pin= 25, data=3/4, code=2355, cur= 223.76
CC_250UA_I2 pin= 25, data=4/4, code=3022, cur= 296.53
CC_250UA_IM pin= 25, I1code=6047, I2code=6153
ALD_I1 pin= 25, data=1/2, code= 510, cur= 1.397
ALD_I1 pin= 25, data=2/2, code=4109, cur= 18.666
ALD_I2 pin= 25, data=1/2, code= 510, cur= 1.380
ALD_I2 pin= 25, data=2/2, code=4109, cur= 19.402
IM_10UA pin= 25, data=1/5, cur=-10.000, code= 9073
IM_10UA pin= 25, data=2/5, cur= -5.000, code=19015
IM_10UA pin= 25, data=3/5, cur= 0.000, code=28931
IM_10UA pin= 25, data=4/5, cur= 5.000, code=38866
IM_10UA pin= 25, data=5/5, cur= 10.000, code=48863
IM_10UA pin= 25, data=1/3, v=-2.0000, cur=1.76145e-05, code=28966
IM_10UA pin= 25, data=2/3, v= 0.0000, cur=0.00000e+00, code=28931
IM_10UA pin= 25, data=3/3, v= 5.0000, cur=-4.03388e-05, code=28851
IM_250UA pin= 25, data=1/5, cur=-300.00, code= 7567
IM_250UA pin= 25, data=2/5, cur=-150.00, code=19553
IM_250UA pin= 25, data=3/5, cur= 0.00, code=31584
IM_250UA pin= 25, data=4/5, cur= 150.00, code=43621
IM_250UA pin= 25, data=5/5, cur= 300.00, code=55692
VM pin= 25, data=1/4, volt=-1.5000, code=11453
VM pin= 25, data=2/4, volt= 0.0000, code=17337
VM pin= 25, data=3/4, volt= 3.0000, code=29100

VM pin= 25, data=4/4, volt= 6.0000, code=40868
RPATH pin= 25, R=1.67, V1=-0.0033, I1= 1.994, V2=-0.0334, I2= 20.000
CC_10UA_I1 pin= 26, data=1/4, code= 621, cur= 1.060
CC_10UA_I1 pin= 26, data=2/4, code=1287, cur= 2.556
CC_10UA_I1 pin= 26, data=3/4, code=3509, cur= 7.519
CC_10UA_I1 pin= 26, data=4/4, code=4620, cur= 10.012
CC_10UA_I2 pin= 26, data=1/4, code= 354, cur= 0.100
CC_10UA_I2 pin= 26, data=2/4, code= 910, cur= 2.526
CC_10UA_I2 pin= 26, data=3/4, code=2021, cur= 7.380
CC_10UA_I2 pin= 26, data=4/4, code=2576, cur= 9.796
CC_10UA_IM pin= 26, I1code=5506, I2code=5664
CC_250UA_I1 pin= 26, data=1/4, code= 284, cur= 9.14
CC_250UA_I1 pin= 26, data=2/4, code=1511, cur= 77.92
CC_250UA_I1 pin= 26, data=3/4, code=4178, cur= 226.87
CC_250UA_I1 pin= 26, data=4/4, code=5512, cur= 300.82
CC_250UA_I2 pin= 26, data=1/4, code= 409, cur= 10.81
CC_250UA_I2 pin= 26, data=2/4, code=1022, cur= 76.44
CC_250UA_I2 pin= 26, data=3/4, code=2355, cur= 218.79
CC_250UA_I2 pin= 26, data=4/4, code=3022, cur= 289.72
CC_250UA_IM pin= 26, I1code=6038, I2code=6329
ALD_I1 pin= 26, data=1/2, code= 510, cur= 1.564
ALD_I1 pin= 26, data=2/2, code=4109, cur= 18.836
ALD_I2 pin= 26, data=1/2, code= 510, cur= 1.837
ALD_I2 pin= 26, data=2/2, code=4109, cur= 19.933
IM_10UA pin= 26, data=1/5, cur=-10.000, code= 9421
IM_10UA pin= 26, data=2/5, cur= -5.000, code=19546
IM_10UA pin= 26, data=3/5, cur= 0.000, code=29611
IM_10UA pin= 26, data=4/5, cur= 5.000, code=39684
IM_10UA pin= 26, data=5/5, cur= 10.000, code=49801
IM_10UA pin= 26, data=1/3, v=-2.0000, cur=1.78696e-05, code=29647
IM_10UA pin= 26, data=2/3, v= 0.0000, cur=0.00000e+00, code=29611
IM_10UA pin= 26, data=3/3, v= 5.0000, cur=-3.47740e-05, code=29541
IM_250UA pin= 26, data=1/5, cur=-300.00, code= 7847
IM_250UA pin= 26, data=2/5, cur=-150.00, code=19942
IM_250UA pin= 26, data=3/5, cur= 0.00, code=32066
IM_250UA pin= 26, data=4/5, cur= 150.00, code=44189

IM_250UA pin= 26, data=5/5, cur= 300.00, code=56340
VM pin= 26, data=1/4, volt=-1.5000, code=11623
VM pin= 26, data=2/4, volt= 0.0000, code=17492
VM pin= 26, data=3/4, volt= 3.0000, code=29226
VM pin= 26, data=4/4, volt= 6.0000, code=40965
RPATH pin= 26, R=1.70, V1=-0.0033, I1= 1.999, V2=-0.0340, I2= 19.997
CC_10UA_I1 pin= 27, data=1/4, code= 621, cur= 1.187
CC_10UA_I1 pin= 27, data=2/4, code=1287, cur= 2.682
CC_10UA_I1 pin= 27, data=3/4, code=3509, cur= 7.648
CC_10UA_I1 pin= 27, data=4/4, code=4620, cur= 10.137
CC_10UA_I2 pin= 27, data=1/4, code= 354, cur= 0.211
CC_10UA_I2 pin= 27, data=2/4, code= 910, cur= 2.629
CC_10UA_I2 pin= 27, data=3/4, code=2021, cur= 7.467
CC_10UA_I2 pin= 27, data=4/4, code=2576, cur= 9.881
CC_10UA_IM pin= 27, I1code=5452, I2code=5646
CC_250UA_I1 pin= 27, data=1/4, code= 284, cur= 11.88
CC_250UA_I1 pin= 27, data=2/4, code=1511, cur= 80.85
CC_250UA_I1 pin= 27, data=3/4, code=4178, cur= 230.09
CC_250UA_I1 pin= 27, data=4/4, code=5512, cur= 304.01
CC_250UA_I2 pin= 27, data=1/4, code= 409, cur= 13.66
CC_250UA_I2 pin= 27, data=2/4, code=1022, cur= 80.57
CC_250UA_I2 pin= 27, data=3/4, code=2355, cur= 226.71
CC_250UA_I2 pin= 27, data=4/4, code=3022, cur= 299.96
CC_250UA_IM pin= 27, I1code=5981, I2code=6093
ALD_I1 pin= 27, data=1/2, code= 510, cur= 1.637
ALD_I1 pin= 27, data=2/2, code=4109, cur= 19.008
ALD_I2 pin= 27, data=1/2, code= 510, cur= 1.633
ALD_I2 pin= 27, data=2/2, code=4109, cur= 19.835
IM_10UA pin= 27, data=1/5, cur=-10.000, code= 9389
IM_10UA pin= 27, data=2/5, cur= -5.000, code=19542
IM_10UA pin= 27, data=3/5, cur= 0.000, code=29629
IM_10UA pin= 27, data=4/5, cur= 5.000, code=39709
IM_10UA pin= 27, data=5/5, cur= 10.000, code=49833
IM_10UA pin= 27, data=1/3, v=-2.0000, cur=1.68651e-05, code=29663
IM_10UA pin= 27, data=2/3, v= 0.0000, cur=0.00000e+00, code=29629
IM_10UA pin= 27, data=3/3, v= 5.0000, cur=-3.51938e-05, code=29558

IM_250UA pin= 27, data=1/5, cur=-300.00, code= 7808
IM_250UA pin= 27, data=2/5, cur=-150.00, code=19846
IM_250UA pin= 27, data=3/5, cur= 0.00, code=31881
IM_250UA pin= 27, data=4/5, cur= 150.00, code=43906
IM_250UA pin= 27, data=5/5, cur= 300.00, code=55956
VM pin= 27, data=1/4, volt=-1.5000, code=11506
VM pin= 27, data=2/4, volt= 0.0000, code=17382
VM pin= 27, data=3/4, volt= 3.0000, code=29125
VM pin= 27, data=4/4, volt= 6.0000, code=40872
RPATH pin= 27, R=1.64, V1=-0.0033, I1= 1.992, V2=-0.0329, I2= 19.998
CC_10UA_I1 pin= 28, data=1/4, code= 621, cur= 1.101
CC_10UA_I1 pin= 28, data=2/4, code=1287, cur= 2.586
CC_10UA_I1 pin= 28, data=3/4, code=3509, cur= 7.518
CC_10UA_I1 pin= 28, data=4/4, code=4620, cur= 9.993
CC_10UA_I2 pin= 28, data=1/4, code= 354, cur= 0.275
CC_10UA_I2 pin= 28, data=2/4, code= 910, cur= 2.630
CC_10UA_I2 pin= 28, data=3/4, code=2021, cur= 7.356
CC_10UA_I2 pin= 28, data=4/4, code=2576, cur= 9.716
CC_10UA_IM pin= 28, I1code=5521, I2code=5743
CC_250UA_I1 pin= 28, data=1/4, code= 284, cur= 9.97
CC_250UA_I1 pin= 28, data=2/4, code=1511, cur= 78.29
CC_250UA_I1 pin= 28, data=3/4, code=4178, cur= 226.26
CC_250UA_I1 pin= 28, data=4/4, code=5512, cur= 299.68
CC_250UA_I2 pin= 28, data=1/4, code= 409, cur= 14.97
CC_250UA_I2 pin= 28, data=2/4, code=1022, cur= 80.12
CC_250UA_I2 pin= 28, data=3/4, code=2355, cur= 222.15
CC_250UA_I2 pin= 28, data=4/4, code=3022, cur= 293.20
CC_250UA_IM pin= 28, I1code=6063, I2code=6279
ALD_I1 pin= 28, data=1/2, code= 510, cur= 1.345
ALD_I1 pin= 28, data=2/2, code=4109, cur= 18.747
ALD_I2 pin= 28, data=1/2, code= 510, cur= 1.857
ALD_I2 pin= 28, data=2/2, code=4109, cur= 19.884
IM_10UA pin= 28, data=1/5, cur=-10.000, code= 9667
IM_10UA pin= 28, data=2/5, cur= -5.000, code=19637
IM_10UA pin= 28, data=3/5, cur= 0.000, code=29567
IM_10UA pin= 28, data=4/5, cur= 5.000, code=39513

IM_10UA pin= 28, data=5/5, cur= 10.000, code=49512
IM_10UA pin= 28, data=1/3, v=-2.0000, cur=1.60869e-05, code=29599
IM_10UA pin= 28, data=2/3, v= 0.0000, cur=0.00000e+00, code=29567
IM_10UA pin= 28, data=3/3, v= 5.0000, cur=-3.77643e-05, code=29492
IM_250UA pin= 28, data=1/5, cur=-300.00, code= 8177
IM_250UA pin= 28, data=2/5, cur=-150.00, code=20169
IM_250UA pin= 28, data=3/5, cur= 0.00, code=32204
IM_250UA pin= 28, data=4/5, cur= 150.00, code=44246
IM_250UA pin= 28, data=5/5, cur= 300.00, code=56319
VM pin= 28, data=1/4, volt=-1.5000, code=11660
VM pin= 28, data=2/4, volt= 0.0000, code=17536
VM pin= 28, data=3/4, volt= 3.0000, code=29283
VM pin= 28, data=4/4, volt= 6.0000, code=41037
RPATH pin= 28, R=1.66, V1=-0.0031, I1= 1.998, V2=-0.0329, I2= 19.993
CC_10UA_I1 pin= 29, data=1/4, code= 621, cur= 0.939
CC_10UA_I1 pin= 29, data=2/4, code=1287, cur= 2.422
CC_10UA_I1 pin= 29, data=3/4, code=3509, cur= 7.346
CC_10UA_I1 pin= 29, data=4/4, code=4620, cur= 9.822
CC_10UA_I2 pin= 29, data=1/4, code= 354, cur= 0.051
CC_10UA_I2 pin= 29, data=2/4, code= 910, cur= 2.448
CC_10UA_I2 pin= 29, data=3/4, code=2021, cur= 7.249
CC_10UA_I2 pin= 29, data=4/4, code=2576, cur= 9.643
CC_10UA_IM pin= 29, I1code=5598, I2code=5723
CC_250UA_I1 pin= 29, data=1/4, code= 284, cur= 6.74
CC_250UA_I1 pin= 29, data=2/4, code=1511, cur= 75.10
CC_250UA_I1 pin= 29, data=3/4, code=4178, cur= 223.37
CC_250UA_I1 pin= 29, data=4/4, code=5512, cur= 296.95
CC_250UA_I2 pin= 29, data=1/4, code= 409, cur= 9.88
CC_250UA_I2 pin= 29, data=2/4, code=1022, cur= 76.06
CC_250UA_I2 pin= 29, data=3/4, code=2355, cur= 219.66
CC_250UA_I2 pin= 29, data=4/4, code=3022, cur= 291.39
CC_250UA_IM pin= 29, I1code=6111, I2code=6274
ALD_I1 pin= 29, data=1/2, code= 510, cur= 1.778
ALD_I1 pin= 29, data=2/2, code=4109, cur= 19.020
ALD_I2 pin= 29, data=1/2, code= 510, cur= 1.646
ALD_I2 pin= 29, data=2/2, code=4109, cur= 19.723

IM_10UA pin= 29, data=1/5, cur=-10.000, code= 9237
IM_10UA pin= 29, data=2/5, cur= -5.000, code=19209
IM_10UA pin= 29, data=3/5, cur= 0.000, code=29152
IM_10UA pin= 29, data=4/5, cur= 5.000, code=39114
IM_10UA pin= 29, data=5/5, cur= 10.000, code=49133
IM_10UA pin= 29, data=1/3, v=-2.0000, cur=1.75668e-05, code=29187
IM_10UA pin= 29, data=2/3, v= 0.0000, cur=0.00000e+00, code=29152
IM_10UA pin= 29, data=3/3, v= 5.0000, cur=-3.57035e-05, code=29081
IM_250UA pin= 29, data=1/5, cur=-300.00, code= 7693
IM_250UA pin= 29, data=2/5, cur=-150.00, code=19715
IM_250UA pin= 29, data=3/5, cur= 0.00, code=31777
IM_250UA pin= 29, data=4/5, cur= 150.00, code=43844
IM_250UA pin= 29, data=5/5, cur= 300.00, code=55940
VM pin= 29, data=1/4, volt=-1.5000, code=11459
VM pin= 29, data=2/4, volt= 0.0000, code=17340
VM pin= 29, data=3/4, volt= 3.0000, code=29097
VM pin= 29, data=4/4, volt= 6.0000, code=40857
RPATH pin= 29, R=1.67, V1=-0.0033, I1= 1.994, V2=-0.0334, I2= 19.999
CC_10UA_I1 pin= 30, data=1/4, code= 621, cur= 1.031
CC_10UA_I1 pin= 30, data=2/4, code=1287, cur= 2.531
CC_10UA_I1 pin= 30, data=3/4, code=3509, cur= 7.518
CC_10UA_I1 pin= 30, data=4/4, code=4620, cur= 10.015
CC_10UA_I2 pin= 30, data=1/4, code= 354, cur= 0.279
CC_10UA_I2 pin= 30, data=2/4, code= 910, cur= 2.701
CC_10UA_I2 pin= 30, data=3/4, code=2021, cur= 7.549
CC_10UA_I2 pin= 30, data=4/4, code=2576, cur= 9.973
CC_10UA_IM pin= 30, I1code=5503, I2code=5617
CC_250UA_I1 pin= 30, data=1/4, code= 284, cur= 7.97
CC_250UA_I1 pin= 30, data=2/4, code=1511, cur= 76.90
CC_250UA_I1 pin= 30, data=3/4, code=4178, cur= 225.99
CC_250UA_I1 pin= 30, data=4/4, code=5512, cur= 299.92
CC_250UA_I2 pin= 30, data=1/4, code= 409, cur= 15.31
CC_250UA_I2 pin= 30, data=2/4, code=1022, cur= 81.61
CC_250UA_I2 pin= 30, data=3/4, code=2355, cur= 226.24
CC_250UA_I2 pin= 30, data=4/4, code=3022, cur= 298.63
CC_250UA_IM pin= 30, I1code=6055, I2code=6161

ALD_I1 pin= 30, data=1/2, code= 510, cur= 1.585
ALD_I1 pin= 30, data=2/2, code=4109, cur= 19.137
ALD_I2 pin= 30, data=1/2, code= 510, cur= 1.780
ALD_I2 pin= 30, data=2/2, code=4109, cur= 20.103
IM_10UA pin= 30, data=1/5, cur=-10.000, code= 9234
IM_10UA pin= 30, data=2/5, cur= -5.000, code=19070
IM_10UA pin= 30, data=3/5, cur= 0.000, code=28883
IM_10UA pin= 30, data=4/5, cur= 5.000, code=38722
IM_10UA pin= 30, data=5/5, cur= 10.000, code=48627
IM_10UA pin= 30, data=1/3, v=-2.0000, cur=1.98191e-05, code=28922
IM_10UA pin= 30, data=2/3, v= 0.0000, cur=0.00000e+00, code=28883
IM_10UA pin= 30, data=3/3, v= 5.0000, cur=-3.26098e-05, code=28819
IM_250UA pin= 30, data=1/5, cur=-300.00, code= 7756
IM_250UA pin= 30, data=2/5, cur=-150.00, code=19660
IM_250UA pin= 30, data=3/5, cur= 0.00, code=31605
IM_250UA pin= 30, data=4/5, cur= 150.00, code=43556
IM_250UA pin= 30, data=5/5, cur= 300.00, code=55536
VM pin= 30, data=1/4, volt=-1.5000, code=11659
VM pin= 30, data=2/4, volt= 0.0000, code=17534
VM pin= 30, data=3/4, volt= 3.0000, code=29278
VM pin= 30, data=4/4, volt= 6.0000, code=41026
RPATH pin= 30, R=1.70, V1=-0.0033, I1= 1.999, V2=-0.0340, I2= 19.992
CC_10UA_I1 pin= 31, data=1/4, code= 621, cur= 1.153
CC_10UA_I1 pin= 31, data=2/4, code=1287, cur= 2.663
CC_10UA_I1 pin= 31, data=3/4, code=3509, cur= 7.687
CC_10UA_I1 pin= 31, data=4/4, code=4620, cur= 10.202
CC_10UA_I2 pin= 31, data=1/4, code= 354, cur= 0.317
CC_10UA_I2 pin= 31, data=2/4, code= 910, cur= 2.718
CC_10UA_I2 pin= 31, data=3/4, code=2021, cur= 7.544
CC_10UA_I2 pin= 31, data=4/4, code=2576, cur= 9.952
CC_10UA_IM pin= 31, I1code=5415, I2code=5631
CC_250UA_I1 pin= 31, data=1/4, code= 284, cur= 10.75
CC_250UA_I1 pin= 31, data=2/4, code=1511, cur= 80.39
CC_250UA_I1 pin= 31, data=3/4, code=4178, cur= 230.80
CC_250UA_I1 pin= 31, data=4/4, code=5512, cur= 305.40
CC_250UA_I2 pin= 31, data=1/4, code= 409, cur= 16.35

CC_250UA_I2 pin= 31, data=2/4, code=1022, cur= 83.07
CC_250UA_I2 pin= 31, data=3/4, code=2355, cur= 228.00
CC_250UA_I2 pin= 31, data=4/4, code=3022, cur= 300.45
CC_250UA_IM pin= 31, I1code=5952, I2code=6153
ALD_I1 pin= 31, data=1/2, code= 510, cur= 1.493
ALD_I1 pin= 31, data=2/2, code=4109, cur= 19.021
ALD_I2 pin= 31, data=1/2, code= 510, cur= 1.849
ALD_I2 pin= 31, data=2/2, code=4109, cur= 20.077
IM_10UA pin= 31, data=1/5, cur=-10.000, code= 9195
IM_10UA pin= 31, data=2/5, cur= -5.000, code=18894
IM_10UA pin= 31, data=3/5, cur= 0.000, code=28581
IM_10UA pin= 31, data=4/5, cur= 5.000, code=38303
IM_10UA pin= 31, data=5/5, cur= 10.000, code=48091
IM_10UA pin= 31, data=1/3, v=-2.0000, cur=1.59432e-05, code=28612
IM_10UA pin= 31, data=2/3, v= 0.0000, cur=0.00000e+00, code=28581
IM_10UA pin= 31, data=3/3, v= 5.0000, cur=-3.35501e-05, code=28516
IM_250UA pin= 31, data=1/5, cur=-300.00, code= 7734
IM_250UA pin= 31, data=2/5, cur=-150.00, code=19533
IM_250UA pin= 31, data=3/5, cur= 0.00, code=31403
IM_250UA pin= 31, data=4/5, cur= 150.00, code=43283
IM_250UA pin= 31, data=5/5, cur= 300.00, code=55205
VM pin= 31, data=1/4, volt=-1.5000, code=11609
VM pin= 31, data=2/4, volt= 0.0000, code=17480
VM pin= 31, data=3/4, volt= 3.0000, code=29216
VM pin= 31, data=4/4, volt= 6.0000, code=40958
RPATH pin= 31, R=1.70, V1=-0.0036, I1= 1.996, V2=-0.0342, I2= 19.995
CC_10UA_I1 pin= 32, data=1/4, code= 621, cur= 1.050
CC_10UA_I1 pin= 32, data=2/4, code=1287, cur= 2.535
CC_10UA_I1 pin= 32, data=3/4, code=3509, cur= 7.464
CC_10UA_I1 pin= 32, data=4/4, code=4620, cur= 9.939
CC_10UA_I2 pin= 32, data=1/4, code= 354, cur= 0.263
CC_10UA_I2 pin= 32, data=2/4, code= 910, cur= 2.647
CC_10UA_I2 pin= 32, data=3/4, code=2021, cur= 7.426
CC_10UA_I2 pin= 32, data=4/4, code=2576, cur= 9.814
CC_10UA_IM pin= 32, I1code=5545, I2code=5695
CC_250UA_I1 pin= 32, data=1/4, code= 284, cur= 9.08

CC_250UA_I1 pin= 32, data=2/4, code=1511, cur= 77.32
CC_250UA_I1 pin= 32, data=3/4, code=4178, cur= 224.95
CC_250UA_I1 pin= 32, data=4/4, code=5512, cur= 298.17
CC_250UA_I2 pin= 32, data=1/4, code= 409, cur= 14.63
CC_250UA_I2 pin= 32, data=2/4, code=1022, cur= 80.05
CC_250UA_I2 pin= 32, data=3/4, code=2355, cur= 223.13
CC_250UA_I2 pin= 32, data=4/4, code=3022, cur= 295.03
CC_250UA_IM pin= 32, I1code=6092, I2code=6203
ALD_I1 pin= 32, data=1/2, code= 510, cur= 1.793
ALD_I1 pin= 32, data=2/2, code=4109, cur= 19.106
ALD_I2 pin= 32, data=1/2, code= 510, cur= 1.770
ALD_I2 pin= 32, data=2/2, code=4109, cur= 19.876
IM_10UA pin= 32, data=1/5, cur=-10.000, code= 9160
IM_10UA pin= 32, data=2/5, cur= -5.000, code=19213
IM_10UA pin= 32, data=3/5, cur= 0.000, code=29226
IM_10UA pin= 32, data=4/5, cur= 5.000, code=39250
IM_10UA pin= 32, data=5/5, cur= 10.000, code=49335
IM_10UA pin= 32, data=1/3, v=-2.0000, cur=1.64605e-05, code=29259
IM_10UA pin= 32, data=2/3, v= 0.0000, cur=0.00000e+00, code=29226
IM_10UA pin= 32, data=3/3, v= 5.0000, cur=-3.24578e-05, code=29161
IM_250UA pin= 32, data=1/5, cur=-300.00, code= 7634
IM_250UA pin= 32, data=2/5, cur=-150.00, code=19722
IM_250UA pin= 32, data=3/5, cur= 0.00, code=31848
IM_250UA pin= 32, data=4/5, cur= 150.00, code=43981
IM_250UA pin= 32, data=5/5, cur= 300.00, code=56145
VM pin= 32, data=1/4, volt=-1.5000, code=11522
VM pin= 32, data=2/4, volt= 0.0000, code=17367
VM pin= 32, data=3/4, volt= 3.0000, code=29051
VM pin= 32, data=4/4, volt= 6.0000, code=40739
RPATH pin= 32, R=1.71, V1=-0.0031, I1= 1.994, V2=-0.0339, I2= 19.997
CC_10UA_I1 pin= 33, data=1/4, code= 621, cur= 1.109
CC_10UA_I1 pin= 33, data=2/4, code=1287, cur= 2.600
CC_10UA_I1 pin= 33, data=3/4, code=3509, cur= 7.562
CC_10UA_I1 pin= 33, data=4/4, code=4620, cur= 10.051
CC_10UA_I2 pin= 33, data=1/4, code= 354, cur= 0.196
CC_10UA_I2 pin= 33, data=2/4, code= 910, cur= 2.611

CC_10UA_I2 pin= 33, data=3/4, code=2021, cur= 7.454
CC_10UA_I2 pin= 33, data=4/4, code=2576, cur= 9.872
CC_10UA_IM pin= 33, I1code=5490, I2code=5643
CC_250UA_I1 pin= 33, data=1/4, code= 284, cur= 10.19
CC_250UA_I1 pin= 33, data=2/4, code=1511, cur= 78.90
CC_250UA_I1 pin= 33, data=3/4, code=4178, cur= 227.20
CC_250UA_I1 pin= 33, data=4/4, code=5512, cur= 300.60
CC_250UA_I2 pin= 33, data=1/4, code= 409, cur= 13.33
CC_250UA_I2 pin= 33, data=2/4, code=1022, cur= 80.42
CC_250UA_I2 pin= 33, data=3/4, code=2355, cur= 226.72
CC_250UA_I2 pin= 33, data=4/4, code=3022, cur= 299.96
CC_250UA_IM pin= 33, I1code=6046, I2code=6100
ALD_I1 pin= 33, data=1/2, code= 510, cur= 1.469
ALD_I1 pin= 33, data=2/2, code=4109, cur= 18.957
ALD_I2 pin= 33, data=1/2, code= 510, cur= 1.661
ALD_I2 pin= 33, data=2/2, code=4109, cur= 19.830
IM_10UA pin= 33, data=1/5, cur=-10.000, code= 9292
IM_10UA pin= 33, data=2/5, cur= -5.000, code=19366
IM_10UA pin= 33, data=3/5, cur= 0.000, code=29409
IM_10UA pin= 33, data=4/5, cur= 5.000, code=39465
IM_10UA pin= 33, data=5/5, cur= 10.000, code=49578
IM_10UA pin= 33, data=1/3, v=-2.0000, cur=1.04415e-05, code=29430
IM_10UA pin= 33, data=2/3, v= 0.0000, cur=0.00000e+00, code=29409
IM_10UA pin= 33, data=3/3, v= 5.0000, cur=-2.78801e-05, code=29353
IM_250UA pin= 33, data=1/5, cur=-300.00, code= 7753
IM_250UA pin= 33, data=2/5, cur=-150.00, code=19851
IM_250UA pin= 33, data=3/5, cur= 0.00, code=31990
IM_250UA pin= 33, data=4/5, cur= 150.00, code=44134
IM_250UA pin= 33, data=5/5, cur= 300.00, code=56308
VM pin= 33, data=1/4, volt=-1.5000, code=11572
VM pin= 33, data=2/4, volt= 0.0000, code=17452
VM pin= 33, data=3/4, volt= 3.0000, code=29210
VM pin= 33, data=4/4, volt= 6.0000, code=40972
RPATH pin= 33, R=1.57, V1=-0.0031, I1= 1.999, V2=-0.0314, I2= 19.996
CC_10UA_I1 pin= 34, data=1/4, code= 621, cur= 1.112
CC_10UA_I1 pin= 34, data=2/4, code=1287, cur= 2.591

CC_10UA_I1 pin= 34, data=3/4, code=3509, cur= 7.525
CC_10UA_I1 pin= 34, data=4/4, code=4620, cur= 9.999
CC_10UA_I2 pin= 34, data=1/4, code= 354, cur= -0.085
CC_10UA_I2 pin= 34, data=2/4, code= 910, cur= 2.321
CC_10UA_I2 pin= 34, data=3/4, code=2021, cur= 7.151
CC_10UA_I2 pin= 34, data=4/4, code=2576, cur= 9.552
CC_10UA_IM pin= 34, I1code=5519, I2code=5735
CC_250UA_I1 pin= 34, data=1/4, code= 284, cur= 10.44
CC_250UA_I1 pin= 34, data=2/4, code=1511, cur= 78.57
CC_250UA_I1 pin= 34, data=3/4, code=4178, cur= 225.65
CC_250UA_I1 pin= 34, data=4/4, code=5512, cur= 298.49
CC_250UA_I2 pin= 34, data=1/4, code= 409, cur= 5.97
CC_250UA_I2 pin= 34, data=2/4, code=1022, cur= 71.81
CC_250UA_I2 pin= 34, data=3/4, code=2355, cur= 215.32
CC_250UA_I2 pin= 34, data=4/4, code=3022, cur= 287.16
CC_250UA_IM pin= 34, I1code=6089, I2code=6291
ALD_I1 pin= 34, data=1/2, code= 510, cur= 1.425
ALD_I1 pin= 34, data=2/2, code=4109, cur= 18.991
ALD_I2 pin= 34, data=1/2, code= 510, cur= 1.534
ALD_I2 pin= 34, data=2/2, code=4109, cur= 19.710
IM_10UA pin= 34, data=1/5, cur=-10.000, code= 9444
IM_10UA pin= 34, data=2/5, cur= -5.000, code=19716
IM_10UA pin= 34, data=3/5, cur= 0.000, code=29923
IM_10UA pin= 34, data=4/5, cur= 5.000, code=40134
IM_10UA pin= 34, data=5/5, cur= 10.000, code=50396
IM_10UA pin= 34, data=1/3, v=-2.0000, cur=1.22417e-05, code=29948
IM_10UA pin= 34, data=2/3, v= 0.0000, cur=0.00000e+00, code=29923
IM_10UA pin= 34, data=3/3, v= 5.0000, cur=-2.93916e-05, code=29863
IM_250UA pin= 34, data=1/5, cur=-300.00, code= 7858
IM_250UA pin= 34, data=2/5, cur=-150.00, code=20087
IM_250UA pin= 34, data=3/5, cur= 0.00, code=32333
IM_250UA pin= 34, data=4/5, cur= 150.00, code=44579
IM_250UA pin= 34, data=5/5, cur= 300.00, code=56857
VM pin= 34, data=1/4, volt=-1.5000, code=11461
VM pin= 34, data=2/4, volt= 0.0000, code=17355
VM pin= 34, data=3/4, volt= 3.0000, code=29143

VM pin= 34, data=4/4, volt= 6.0000, code=40937
RPATH pin= 34, R=1.57, V1=-0.0031, I1= 1.997, V2=-0.0313, I2= 19.995
CC_10UA_I1 pin= 35, data=1/4, code= 621, cur= 1.019
CC_10UA_I1 pin= 35, data=2/4, code=1287, cur= 2.494
CC_10UA_I1 pin= 35, data=3/4, code=3509, cur= 7.391
CC_10UA_I1 pin= 35, data=4/4, code=4620, cur= 9.848
CC_10UA_I2 pin= 35, data=1/4, code= 354, cur= 0.130
CC_10UA_I2 pin= 35, data=2/4, code= 910, cur= 2.490
CC_10UA_I2 pin= 35, data=3/4, code=2021, cur= 7.221
CC_10UA_I2 pin= 35, data=4/4, code=2576, cur= 9.580
CC_10UA_IM pin= 35, I1code=5593, I2code=5789
CC_250UA_I1 pin= 35, data=1/4, code= 284, cur= 8.15
CC_250UA_I1 pin= 35, data=2/4, code=1511, cur= 75.98
CC_250UA_I1 pin= 35, data=3/4, code=4178, cur= 222.27
CC_250UA_I1 pin= 35, data=4/4, code=5512, cur= 294.76
CC_250UA_I2 pin= 35, data=1/4, code= 409, cur= 11.41
CC_250UA_I2 pin= 35, data=2/4, code=1022, cur= 76.79
CC_250UA_I2 pin= 35, data=3/4, code=2355, cur= 219.67
CC_250UA_I2 pin= 35, data=4/4, code=3022, cur= 291.47
CC_250UA_IM pin= 35, I1code=6160, I2code=6232
ALD_I1 pin= 35, data=1/2, code= 510, cur= 1.446
ALD_I1 pin= 35, data=2/2, code=4109, cur= 18.811
ALD_I2 pin= 35, data=1/2, code= 510, cur= 1.994
ALD_I2 pin= 35, data=2/2, code=4109, cur= 20.003
IM_10UA pin= 35, data=1/5, cur=-10.000, code= 9728
IM_10UA pin= 35, data=2/5, cur= -5.000, code=20092
IM_10UA pin= 35, data=3/5, cur= 0.000, code=30394
IM_10UA pin= 35, data=4/5, cur= 5.000, code=40696
IM_10UA pin= 35, data=5/5, cur= 10.000, code=51050
IM_10UA pin= 35, data=1/3, v=-2.0000, cur=8.25082e-06, code=30411
IM_10UA pin= 35, data=2/3, v= 0.0000, cur=0.00000e+00, code=30394
IM_10UA pin= 35, data=3/3, v= 5.0000, cur=-2.76645e-05, code=30337
IM_250UA pin= 35, data=1/5, cur=-300.00, code= 8117
IM_250UA pin= 35, data=2/5, cur=-150.00, code=20451
IM_250UA pin= 35, data=3/5, cur= 0.00, code=32797
IM_250UA pin= 35, data=4/5, cur= 150.00, code=45144

IM_250UA pin= 35, data=5/5, cur= 300.00, code=57516
VM pin= 35, data=1/4, volt=-1.5000, code=11416
VM pin= 35, data=2/4, volt= 0.0000, code=17333
VM pin= 35, data=3/4, volt= 3.0000, code=29164
VM pin= 35, data=4/4, volt= 6.0000, code=40999
RPATH pin= 35, R=1.59, V1=-0.0030, I1= 2.000, V2=-0.0317, I2= 19.999
CC_10UA_I1 pin= 36, data=1/4, code= 621, cur= 0.888
CC_10UA_I1 pin= 36, data=2/4, code=1287, cur= 2.353
CC_10UA_I1 pin= 36, data=3/4, code=3509, cur= 7.220
CC_10UA_I1 pin= 36, data=4/4, code=4620, cur= 9.662
CC_10UA_I2 pin= 36, data=1/4, code= 354, cur= -0.035
CC_10UA_I2 pin= 36, data=2/4, code= 910, cur= 2.357
CC_10UA_I2 pin= 36, data=3/4, code=2021, cur= 7.149
CC_10UA_I2 pin= 36, data=4/4, code=2576, cur= 9.537
CC_10UA_IM pin= 36, I1code=5684, I2code=5758
CC_250UA_I1 pin= 36, data=1/4, code= 284, cur= 5.13
CC_250UA_I1 pin= 36, data=2/4, code=1511, cur= 72.36
CC_250UA_I1 pin= 36, data=3/4, code=4178, cur= 218.03
CC_250UA_I1 pin= 36, data=4/4, code=5512, cur= 290.39
CC_250UA_I2 pin= 36, data=1/4, code= 409, cur= 7.35
CC_250UA_I2 pin= 36, data=2/4, code=1022, cur= 72.58
CC_250UA_I2 pin= 36, data=3/4, code=2355, cur= 214.76
CC_250UA_I2 pin= 36, data=4/4, code=3022, cur= 285.91
CC_250UA_IM pin= 36, I1code=6242, I2code=6337
ALD_I1 pin= 36, data=1/2, code= 510, cur= 1.318
ALD_I1 pin= 36, data=2/2, code=4109, cur= 18.705
ALD_I2 pin= 36, data=1/2, code= 510, cur= 1.413
ALD_I2 pin= 36, data=2/2, code=4109, cur= 19.594
IM_10UA pin= 36, data=1/5, cur=-10.000, code= 9841
IM_10UA pin= 36, data=2/5, cur= -5.000, code=20128
IM_10UA pin= 36, data=3/5, cur= 0.000, code=30360
IM_10UA pin= 36, data=4/5, cur= 5.000, code=40592
IM_10UA pin= 36, data=5/5, cur= 10.000, code=50880
IM_10UA pin= 36, data=1/3, v=-2.0000, cur=7.81861e-06, code=30376
IM_10UA pin= 36, data=2/3, v= 0.0000, cur=0.00000e+00, code=30360
IM_10UA pin= 36, data=3/3, v= 5.0000, cur=-2.78538e-05, code=30303

IM_250UA pin= 36, data=1/5, cur=-300.00, code= 8240
IM_250UA pin= 36, data=2/5, cur=-150.00, code=20511
IM_250UA pin= 36, data=3/5, cur= 0.00, code=32804
IM_250UA pin= 36, data=4/5, cur= 150.00, code=45101
IM_250UA pin= 36, data=5/5, cur= 300.00, code=57422
VM pin= 36, data=1/4, volt=-1.5000, code=11657
VM pin= 36, data=2/4, volt= 0.0000, code=17546
VM pin= 36, data=3/4, volt= 3.0000, code=29323
VM pin= 36, data=4/4, volt= 6.0000, code=41105
RPATH pin= 36, R=1.57, V1=-0.0033, I1= 1.993, V2=-0.0316, I2= 19.998
CC_10UA_I1 pin= 37, data=1/4, code= 621, cur= 1.100
CC_10UA_I1 pin= 37, data=2/4, code=1287, cur= 2.591
CC_10UA_I1 pin= 37, data=3/4, code=3509, cur= 7.551
CC_10UA_I1 pin= 37, data=4/4, code=4620, cur= 10.042
CC_10UA_I2 pin= 37, data=1/4, code= 354, cur= -0.077
CC_10UA_I2 pin= 37, data=2/4, code= 910, cur= 2.252
CC_10UA_I2 pin= 37, data=3/4, code=2021, cur= 6.931
CC_10UA_I2 pin= 37, data=4/4, code=2576, cur= 9.276
CC_10UA_IM pin= 37, I1code=5494, I2code=5871
CC_250UA_I1 pin= 37, data=1/4, code= 284, cur= 9.83
CC_250UA_I1 pin= 37, data=2/4, code=1511, cur= 78.51
CC_250UA_I1 pin= 37, data=3/4, code=4178, cur= 226.48
CC_250UA_I1 pin= 37, data=4/4, code=5512, cur= 299.72
CC_250UA_I2 pin= 37, data=1/4, code= 409, cur= 6.33
CC_250UA_I2 pin= 37, data=2/4, code=1022, cur= 71.79
CC_250UA_I2 pin= 37, data=3/4, code=2355, cur= 215.23
CC_250UA_I2 pin= 37, data=4/4, code=3022, cur= 287.26
CC_250UA_IM pin= 37, I1code=6063, I2code=6275
ALD_I1 pin= 37, data=1/2, code= 510, cur= 1.340
ALD_I1 pin= 37, data=2/2, code=4109, cur= 18.764
ALD_I2 pin= 37, data=1/2, code= 510, cur= 1.589
ALD_I2 pin= 37, data=2/2, code=4109, cur= 19.704
IM_10UA pin= 37, data=1/5, cur=-10.000, code= 9045
IM_10UA pin= 37, data=2/5, cur= -5.000, code=19132
IM_10UA pin= 37, data=3/5, cur= 0.000, code=29171
IM_10UA pin= 37, data=4/5, cur= 5.000, code=39222

IM_10UA pin= 37, data=5/5, cur= 10.000, code=49328
IM_10UA pin= 37, data=1/3, v=-2.0000, cur=1.39290e-05, code=29199
IM_10UA pin= 37, data=2/3, v= 0.0000, cur=0.00000e+00, code=29171
IM_10UA pin= 37, data=3/3, v= 5.0000, cur=-2.93854e-05, code=29112
IM_250UA pin= 37, data=1/5, cur=-300.00, code= 7480
IM_250UA pin= 37, data=2/5, cur=-150.00, code=19589
IM_250UA pin= 37, data=3/5, cur= 0.00, code=31740
IM_250UA pin= 37, data=4/5, cur= 150.00, code=43895
IM_250UA pin= 37, data=5/5, cur= 300.00, code=56087
VM pin= 37, data=1/4, volt=-1.5000, code=11584
VM pin= 37, data=2/4, volt= 0.0000, code=17460
VM pin= 37, data=3/4, volt= 3.0000, code=29208
VM pin= 37, data=4/4, volt= 6.0000, code=40960
RPATH pin= 37, R=1.56, V1=-0.0033, I1= 1.996, V2=-0.0314, I2= 19.994
CC_10UA_I1 pin= 38, data=1/4, code= 621, cur= 1.118
CC_10UA_I1 pin= 38, data=2/4, code=1287, cur= 2.604
CC_10UA_I1 pin= 38, data=3/4, code=3509, cur= 7.544
CC_10UA_I1 pin= 38, data=4/4, code=4620, cur= 10.019
CC_10UA_I2 pin= 38, data=1/4, code= 354, cur= 0.193
CC_10UA_I2 pin= 38, data=2/4, code= 910, cur= 2.583
CC_10UA_I2 pin= 38, data=3/4, code=2021, cur= 7.378
CC_10UA_I2 pin= 38, data=4/4, code=2576, cur= 9.768
CC_10UA_IM pin= 38, I1code=5509, I2code=5696
CC_250UA_I1 pin= 38, data=1/4, code= 284, cur= 10.08
CC_250UA_I1 pin= 38, data=2/4, code=1511, cur= 78.22
CC_250UA_I1 pin= 38, data=3/4, code=4178, cur= 225.29
CC_250UA_I1 pin= 38, data=4/4, code=5512, cur= 298.16
CC_250UA_I2 pin= 38, data=1/4, code= 409, cur= 12.97
CC_250UA_I2 pin= 38, data=2/4, code=1022, cur= 78.44
CC_250UA_I2 pin= 38, data=3/4, code=2355, cur= 221.16
CC_250UA_I2 pin= 38, data=4/4, code=3022, cur= 292.41
CC_250UA_IM pin= 38, I1code=6095, I2code=6270
ALD_I1 pin= 38, data=1/2, code= 510, cur= 1.605
ALD_I1 pin= 38, data=2/2, code=4109, cur= 19.115
ALD_I2 pin= 38, data=1/2, code= 510, cur= 1.611
ALD_I2 pin= 38, data=2/2, code=4109, cur= 19.794

IM_10UA pin= 38, data=1/5, cur=-10.000, code= 9470
IM_10UA pin= 38, data=2/5, cur= -5.000, code=19559
IM_10UA pin= 38, data=3/5, cur= 0.000, code=29602
IM_10UA pin= 38, data=4/5, cur= 5.000, code=39660
IM_10UA pin= 38, data=5/5, cur= 10.000, code=49775
IM_10UA pin= 38, data=1/3, v=-2.0000, cur=1.64049e-05, code=29635
IM_10UA pin= 38, data=2/3, v= 0.0000, cur=0.00000e+00, code=29602
IM_10UA pin= 38, data=3/3, v= 5.0000, cur=-2.73823e-05, code=29547
IM_250UA pin= 38, data=1/5, cur=-300.00, code= 7916
IM_250UA pin= 38, data=2/5, cur=-150.00, code=20017
IM_250UA pin= 38, data=3/5, cur= 0.00, code=32144
IM_250UA pin= 38, data=4/5, cur= 150.00, code=44267
IM_250UA pin= 38, data=5/5, cur= 300.00, code=56426
VM pin= 38, data=1/4, volt=-1.5000, code=11541
VM pin= 38, data=2/4, volt= 0.0000, code=17405
VM pin= 38, data=3/4, volt= 3.0000, code=29127
VM pin= 38, data=4/4, volt= 6.0000, code=40852
RPATH pin= 38, R=1.58, V1=-0.0036, I1= 1.997, V2=-0.0320, I2= 19.995
CC_10UA_I1 pin= 39, data=1/4, code= 621, cur= 1.037
CC_10UA_I1 pin= 39, data=2/4, code=1287, cur= 2.542
CC_10UA_I1 pin= 39, data=3/4, code=3509, cur= 7.546
CC_10UA_I1 pin= 39, data=4/4, code=4620, cur= 10.051
CC_10UA_I2 pin= 39, data=1/4, code= 354, cur= 0.096
CC_10UA_I2 pin= 39, data=2/4, code= 910, cur= 2.543
CC_10UA_I2 pin= 39, data=3/4, code=2021, cur= 7.447
CC_10UA_I2 pin= 39, data=4/4, code=2576, cur= 9.893
CC_10UA_IM pin= 39, I1code=5484, I2code=5608
CC_250UA_I1 pin= 39, data=1/4, code= 284, cur= 8.19
CC_250UA_I1 pin= 39, data=2/4, code=1511, cur= 77.59
CC_250UA_I1 pin= 39, data=3/4, code=4178, cur= 227.60
CC_250UA_I1 pin= 39, data=4/4, code=5512, cur= 301.97
CC_250UA_I2 pin= 39, data=1/4, code= 409, cur= 10.80
CC_250UA_I2 pin= 39, data=2/4, code=1022, cur= 78.16
CC_250UA_I2 pin= 39, data=3/4, code=2355, cur= 224.58
CC_250UA_I2 pin= 39, data=4/4, code=3022, cur= 297.83
CC_250UA_IM pin= 39, I1code=6015, I2code=6124

ALD_I1 pin= 39, data=1/2, code= 510, cur= 1.343
ALD_I1 pin= 39, data=2/2, code=4109, cur= 18.998
ALD_I2 pin= 39, data=1/2, code= 510, cur= 1.617
ALD_I2 pin= 39, data=2/2, code=4109, cur= 20.063
IM_10UA pin= 39, data=1/5, cur=-10.000, code= 9126
IM_10UA pin= 39, data=2/5, cur= -5.000, code=19139
IM_10UA pin= 39, data=3/5, cur= 0.000, code=29127
IM_10UA pin= 39, data=4/5, cur= 5.000, code=39141
IM_10UA pin= 39, data=5/5, cur= 10.000, code=49214
IM_10UA pin= 39, data=1/3, v=-2.0000, cur=1.54783e-05, code=29158
IM_10UA pin= 39, data=2/3, v= 0.0000, cur=0.00000e+00, code=29127
IM_10UA pin= 39, data=3/3, v= 5.0000, cur=-3.30396e-05, code=29061
IM_250UA pin= 39, data=1/5, cur=-300.00, code= 7613
IM_250UA pin= 39, data=2/5, cur=-150.00, code=19697
IM_250UA pin= 39, data=3/5, cur= 0.00, code=31824
IM_250UA pin= 39, data=4/5, cur= 150.00, code=43954
IM_250UA pin= 39, data=5/5, cur= 300.00, code=56128
VM pin= 39, data=1/4, volt=-1.5000, code=11510
VM pin= 39, data=2/4, volt= 0.0000, code=17391
VM pin= 39, data=3/4, volt= 3.0000, code=29147
VM pin= 39, data=4/4, volt= 6.0000, code=40910
RPATH pin= 39, R=1.60, V1=-0.0033, I1= 1.995, V2=-0.0321, I2= 19.997
CC_10UA_I1 pin= 40, data=1/4, code= 621, cur= 1.055
CC_10UA_I1 pin= 40, data=2/4, code=1287, cur= 2.546
CC_10UA_I1 pin= 40, data=3/4, code=3509, cur= 7.495
CC_10UA_I1 pin= 40, data=4/4, code=4620, cur= 9.976
CC_10UA_I2 pin= 40, data=1/4, code= 354, cur= 0.260
CC_10UA_I2 pin= 40, data=2/4, code= 910, cur= 2.749
CC_10UA_I2 pin= 40, data=3/4, code=2021, cur= 7.706
CC_10UA_I2 pin= 40, data=4/4, code=2576, cur= 10.170
CC_10UA_IM pin= 40, I1code=5526, I2code=5527
CC_250UA_I1 pin= 40, data=1/4, code= 284, cur= 8.66
CC_250UA_I1 pin= 40, data=2/4, code=1511, cur= 77.01
CC_250UA_I1 pin= 40, data=3/4, code=4178, cur= 224.80
CC_250UA_I1 pin= 40, data=4/4, code=5512, cur= 298.07
CC_250UA_I2 pin= 40, data=1/4, code= 409, cur= 14.58

CC_250UA_I2 pin= 40, data=2/4, code=1022, cur= 81.02
CC_250UA_I2 pin= 40, data=3/4, code=2355, cur= 225.05
CC_250UA_I2 pin= 40, data=4/4, code=3022, cur= 297.00
CC_250UA_IM pin= 40, I1code=6093, I2code=6202
ALD_I1 pin= 40, data=1/2, code= 510, cur= 1.350
ALD_I1 pin= 40, data=2/2, code=4109, cur= 18.793
ALD_I2 pin= 40, data=1/2, code= 510, cur= 1.757
ALD_I2 pin= 40, data=2/2, code=4109, cur= 19.837
IM_10UA pin= 40, data=1/5, cur=-10.000, code= 9218
IM_10UA pin= 40, data=2/5, cur= -5.000, code=19448
IM_10UA pin= 40, data=3/5, cur= 0.000, code=29622
IM_10UA pin= 40, data=4/5, cur= 5.000, code=39796
IM_10UA pin= 40, data=5/5, cur= 10.000, code=50017
IM_10UA pin= 40, data=1/3, v=-2.0000, cur=1.57264e-05, code=29654
IM_10UA pin= 40, data=2/3, v= 0.0000, cur=0.00000e+00, code=29622
IM_10UA pin= 40, data=3/3, v= 5.0000, cur=-3.04698e-05, code=29560
IM_250UA pin= 40, data=1/5, cur=-300.00, code= 7646
IM_250UA pin= 40, data=2/5, cur=-150.00, code=19828
IM_250UA pin= 40, data=3/5, cur= 0.00, code=32024
IM_250UA pin= 40, data=4/5, cur= 150.00, code=44212
IM_250UA pin= 40, data=5/5, cur= 300.00, code=56428
VM pin= 40, data=1/4, volt=-1.5000, code=11438
VM pin= 40, data=2/4, volt= 0.0000, code=17295
VM pin= 40, data=3/4, volt= 3.0000, code=29008
VM pin= 40, data=4/4, volt= 6.0000, code=40724
RPATH pin= 40, R=1.61, V1=-0.0033, I1= 1.996, V2=-0.0323, I2= 20.000
CC_10UA_I1 pin= 41, data=1/4, code= 621, cur= 0.927
CC_10UA_I1 pin= 41, data=2/4, code=1287, cur= 2.441
CC_10UA_I1 pin= 41, data=3/4, code=3509, cur= 7.477
CC_10UA_I1 pin= 41, data=4/4, code=4620, cur= 10.006
CC_10UA_I2 pin= 41, data=1/4, code= 354, cur= 0.059
CC_10UA_I2 pin= 41, data=2/4, code= 910, cur= 2.489
CC_10UA_I2 pin= 41, data=3/4, code=2021, cur= 7.398
CC_10UA_I2 pin= 41, data=4/4, code=2576, cur= 9.848
CC_10UA_IM pin= 41, I1code=5496, I2code=5605
CC_250UA_I1 pin= 41, data=1/4, code= 284, cur= 5.69

CC_250UA_I1 pin= 41, data=2/4, code=1511, cur= 75.47
CC_250UA_I1 pin= 41, data=3/4, code=4178, cur= 226.78
CC_250UA_I1 pin= 41, data=4/4, code=5512, cur= 301.84
CC_250UA_I2 pin= 41, data=1/4, code= 409, cur= 9.60
CC_250UA_I2 pin= 41, data=2/4, code=1022, cur= 77.43
CC_250UA_I2 pin= 41, data=3/4, code=2355, cur= 227.97
CC_250UA_I2 pin= 41, data=4/4, code=3022, cur= 304.25
CC_250UA_IM pin= 41, I1code=6013, I2code=5905
ALD_I1 pin= 41, data=1/2, code= 510, cur= 1.232
ALD_I1 pin= 41, data=2/2, code=4109, cur= 18.962
ALD_I2 pin= 41, data=1/2, code= 510, cur= 1.860
ALD_I2 pin= 41, data=2/2, code=4109, cur= 19.933
IM_10UA pin= 41, data=1/5, cur=-10.000, code= 9072
IM_10UA pin= 41, data=2/5, cur= -5.000, code=19163
IM_10UA pin= 41, data=3/5, cur= 0.000, code=29202
IM_10UA pin= 41, data=4/5, cur= 5.000, code=39249
IM_10UA pin= 41, data=5/5, cur= 10.000, code=49340
IM_10UA pin= 41, data=1/3, v=-2.0000, cur=1.44322e-05, code=29231
IM_10UA pin= 41, data=2/3, v= 0.0000, cur=0.00000e+00, code=29202
IM_10UA pin= 41, data=3/3, v= 5.0000, cur=-3.58601e-05, code=29130
IM_250UA pin= 41, data=1/5, cur=-300.00, code= 7542
IM_250UA pin= 41, data=2/5, cur=-150.00, code=19594
IM_250UA pin= 41, data=3/5, cur= 0.00, code=31674
IM_250UA pin= 41, data=4/5, cur= 150.00, code=43757
IM_250UA pin= 41, data=5/5, cur= 300.00, code=55865
VM pin= 41, data=1/4, volt=-1.5000, code=11396
VM pin= 41, data=2/4, volt= 0.0000, code=17304
VM pin= 41, data=3/4, volt= 3.0000, code=29112
VM pin= 41, data=4/4, volt= 6.0000, code=40924
RPATH pin= 41, R=1.62, V1=-0.0033, I1= 1.997, V2=-0.0325, I2= 20.000
CC_10UA_I1 pin= 42, data=1/4, code= 621, cur= 0.957
CC_10UA_I1 pin= 42, data=2/4, code=1287, cur= 2.464
CC_10UA_I1 pin= 42, data=3/4, code=3509, cur= 7.469
CC_10UA_I1 pin= 42, data=4/4, code=4620, cur= 9.980
CC_10UA_I2 pin= 42, data=1/4, code= 354, cur= 0.074
CC_10UA_I2 pin= 42, data=2/4, code= 910, cur= 2.484

CC_10UA_I2 pin= 42, data=3/4, code=2021, cur= 7.389
CC_10UA_I2 pin= 42, data=4/4, code=2576, cur= 9.829
CC_10UA_IM pin= 42, I1code=5514, I2code=5615
CC_250UA_I1 pin= 42, data=1/4, code= 284, cur= 7.28
CC_250UA_I1 pin= 42, data=2/4, code=1511, cur= 76.31
CC_250UA_I1 pin= 42, data=3/4, code=4178, cur= 226.35
CC_250UA_I1 pin= 42, data=4/4, code=5512, cur= 300.77
CC_250UA_I2 pin= 42, data=1/4, code= 409, cur= 10.05
CC_250UA_I2 pin= 42, data=2/4, code=1022, cur= 76.90
CC_250UA_I2 pin= 42, data=3/4, code=2355, cur= 223.82
CC_250UA_I2 pin= 42, data=4/4, code=3022, cur= 297.70
CC_250UA_IM pin= 42, I1code=6036, I2code=6088
ALD_I1 pin= 42, data=1/2, code= 510, cur= 1.376
ALD_I1 pin= 42, data=2/2, code=4109, cur= 18.993
ALD_I2 pin= 42, data=1/2, code= 510, cur= 1.762
ALD_I2 pin= 42, data=2/2, code=4109, cur= 19.734
IM_10UA pin= 42, data=1/5, cur=-10.000, code= 8894
IM_10UA pin= 42, data=2/5, cur= -5.000, code=18683
IM_10UA pin= 42, data=3/5, cur= 0.000, code=28490
IM_10UA pin= 42, data=4/5, cur= 5.000, code=38326
IM_10UA pin= 42, data=5/5, cur= 10.000, code=48228
IM_10UA pin= 42, data=1/3, v=-2.0000, cur=1.42334e-05, code=28518
IM_10UA pin= 42, data=2/3, v= 0.0000, cur=0.00000e+00, code=28490
IM_10UA pin= 42, data=3/3, v= 5.0000, cur=-3.56888e-05, code=28420
IM_250UA pin= 42, data=1/5, cur=-300.00, code= 7417
IM_250UA pin= 42, data=2/5, cur=-150.00, code=19276
IM_250UA pin= 42, data=3/5, cur= 0.00, code=31236
IM_250UA pin= 42, data=4/5, cur= 150.00, code=43205
IM_250UA pin= 42, data=5/5, cur= 300.00, code=55211
VM pin= 42, data=1/4, volt=-1.5000, code=11417
VM pin= 42, data=2/4, volt= 0.0000, code=17305
VM pin= 42, data=3/4, volt= 3.0000, code=29077
VM pin= 42, data=4/4, volt= 6.0000, code=40852
RPATH pin= 42, R=1.61, V1=-0.0033, I1= 1.999, V2=-0.0324, I2= 20.000
CC_10UA_I1 pin= 43, data=1/4, code= 621, cur= 1.117
CC_10UA_I1 pin= 43, data=2/4, code=1287, cur= 2.624

CC_10UA_I1 pin= 43, data=3/4, code=3509, cur= 7.629
CC_10UA_I1 pin= 43, data=4/4, code=4620, cur= 10.144
CC_10UA_I2 pin= 43, data=1/4, code= 354, cur= 0.166
CC_10UA_I2 pin= 43, data=2/4, code= 910, cur= 2.555
CC_10UA_I2 pin= 43, data=3/4, code=2021, cur= 7.356
CC_10UA_I2 pin= 43, data=4/4, code=2576, cur= 9.747
CC_10UA_IM pin= 43, I1code=5440, I2code=5696
CC_250UA_I1 pin= 43, data=1/4, code= 284, cur= 10.04
CC_250UA_I1 pin= 43, data=2/4, code=1511, cur= 79.62
CC_250UA_I1 pin= 43, data=3/4, code=4178, cur= 230.25
CC_250UA_I1 pin= 43, data=4/4, code=5512, cur= 304.98
CC_250UA_I2 pin= 43, data=1/4, code= 409, cur= 12.66
CC_250UA_I2 pin= 43, data=2/4, code=1022, cur= 79.32
CC_250UA_I2 pin= 43, data=3/4, code=2355, cur= 225.13
CC_250UA_I2 pin= 43, data=4/4, code=3022, cur= 298.41
CC_250UA_IM pin= 43, I1code=5959, I2code=6110
ALD_I1 pin= 43, data=1/2, code= 510, cur= 1.498
ALD_I1 pin= 43, data=2/2, code=4109, cur= 19.000
ALD_I2 pin= 43, data=1/2, code= 510, cur= 1.721
ALD_I2 pin= 43, data=2/2, code=4109, cur= 19.632
IM_10UA pin= 43, data=1/5, cur=-10.000, code= 9681
IM_10UA pin= 43, data=2/5, cur= -5.000, code=19764
IM_10UA pin= 43, data=3/5, cur= 0.000, code=29795
IM_10UA pin= 43, data=4/5, cur= 5.000, code=39837
IM_10UA pin= 43, data=5/5, cur= 10.000, code=49928
IM_10UA pin= 43, data=1/3, v=-2.0000, cur=1.19498e-05, code=29819
IM_10UA pin= 43, data=2/3, v= 0.0000, cur=0.00000e+00, code=29795
IM_10UA pin= 43, data=3/3, v= 5.0000, cur=-3.58887e-05, code=29723
IM_250UA pin= 43, data=1/5, cur=-300.00, code= 8132
IM_250UA pin= 43, data=2/5, cur=-150.00, code=20185
IM_250UA pin= 43, data=3/5, cur= 0.00, code=32261
IM_250UA pin= 43, data=4/5, cur= 150.00, code=44345
IM_250UA pin= 43, data=5/5, cur= 300.00, code=56458
VM pin= 43, data=1/4, volt=-1.5000, code=11731
VM pin= 43, data=2/4, volt= 0.0000, code=17612
VM pin= 43, data=3/4, volt= 3.0000, code=29371

VM pin= 43, data=4/4, volt= 6.0000, code=41135
RPATH pin= 43, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0316, I2= 19.998
CC_10UA_I1 pin= 44, data=1/4, code= 621, cur= 1.125
CC_10UA_I1 pin= 44, data=2/4, code=1287, cur= 2.649
CC_10UA_I1 pin= 44, data=3/4, code=3509, cur= 7.726
CC_10UA_I1 pin= 44, data=4/4, code=4620, cur= 10.274
CC_10UA_I2 pin= 44, data=1/4, code= 354, cur= 0.084
CC_10UA_I2 pin= 44, data=2/4, code= 910, cur= 2.532
CC_10UA_I2 pin= 44, data=3/4, code=2021, cur= 7.423
CC_10UA_I2 pin= 44, data=4/4, code=2576, cur= 9.868
CC_10UA_IM pin= 44, I1code=5372, I2code=5609
CC_250UA_I1 pin= 44, data=1/4, code= 284, cur= 10.16
CC_250UA_I1 pin= 44, data=2/4, code=1511, cur= 80.54
CC_250UA_I1 pin= 44, data=3/4, code=4178, cur= 233.01
CC_250UA_I1 pin= 44, data=4/4, code=5512, cur= 308.68
CC_250UA_I2 pin= 44, data=1/4, code= 409, cur= 10.59
CC_250UA_I2 pin= 44, data=2/4, code=1022, cur= 77.41
CC_250UA_I2 pin= 44, data=3/4, code=2355, cur= 223.77
CC_250UA_I2 pin= 44, data=4/4, code=3022, cur= 297.04
CC_250UA_IM pin= 44, I1code=5888, I2code=6143
ALD_I1 pin= 44, data=1/2, code= 510, cur= 1.342
ALD_I1 pin= 44, data=2/2, code=4109, cur= 19.008
ALD_I2 pin= 44, data=1/2, code= 510, cur= 1.499
ALD_I2 pin= 44, data=2/2, code=4109, cur= 19.761
IM_10UA pin= 44, data=1/5, cur=-10.000, code= 9604
IM_10UA pin= 44, data=2/5, cur= -5.000, code=19443
IM_10UA pin= 44, data=3/5, cur= 0.000, code=29246
IM_10UA pin= 44, data=4/5, cur= 5.000, code=39069
IM_10UA pin= 44, data=5/5, cur= 10.000, code=48949
IM_10UA pin= 44, data=1/3, v=-2.0000, cur=1.47613e-05, code=29275
IM_10UA pin= 44, data=2/3, v= 0.0000, cur=0.00000e+00, code=29246
IM_10UA pin= 44, data=3/3, v= 5.0000, cur=-3.26431e-05, code=29182
IM_250UA pin= 44, data=1/5, cur=-300.00, code= 8098
IM_250UA pin= 44, data=2/5, cur=-150.00, code=19942
IM_250UA pin= 44, data=3/5, cur= 0.00, code=31825
IM_250UA pin= 44, data=4/5, cur= 150.00, code=43707

IM_250UA pin= 44, data=5/5, cur= 300.00, code=55614
VM pin= 44, data=1/4, volt=-1.5000, code=11806
VM pin= 44, data=2/4, volt= 0.0000, code=17679
VM pin= 44, data=3/4, volt= 3.0000, code=29420
VM pin= 44, data=4/4, volt= 6.0000, code=41167
RPATH pin= 44, R=1.57, V1=-0.0033, I1= 1.995, V2=-0.0317, I2= 19.999
CC_10UA_I1 pin= 45, data=1/4, code= 621, cur= 1.153
CC_10UA_I1 pin= 45, data=2/4, code=1287, cur= 2.657
CC_10UA_I1 pin= 45, data=3/4, code=3509, cur= 7.657
CC_10UA_I1 pin= 45, data=4/4, code=4620, cur= 10.161
CC_10UA_I2 pin= 45, data=1/4, code= 354, cur= 0.015
CC_10UA_I2 pin= 45, data=2/4, code= 910, cur= 2.358
CC_10UA_I2 pin= 45, data=3/4, code=2021, cur= 7.091
CC_10UA_I2 pin= 45, data=4/4, code=2576, cur= 9.453
CC_10UA_IM pin= 45, I1code=5436, I2code=5795
CC_250UA_I1 pin= 45, data=1/4, code= 284, cur= 11.59
CC_250UA_I1 pin= 45, data=2/4, code=1511, cur= 80.97
CC_250UA_I1 pin= 45, data=3/4, code=4178, cur= 231.09
CC_250UA_I1 pin= 45, data=4/4, code=5512, cur= 305.46
CC_250UA_I2 pin= 45, data=1/4, code= 409, cur= 9.12
CC_250UA_I2 pin= 45, data=2/4, code=1022, cur= 75.37
CC_250UA_I2 pin= 45, data=3/4, code=2355, cur= 220.37
CC_250UA_I2 pin= 45, data=4/4, code=3022, cur= 293.36
CC_250UA_IM pin= 45, I1code=5952, I2code=6176
ALD_I1 pin= 45, data=1/2, code= 510, cur= 1.705
ALD_I1 pin= 45, data=2/2, code=4109, cur= 18.893
ALD_I2 pin= 45, data=1/2, code= 510, cur= 1.602
ALD_I2 pin= 45, data=2/2, code=4109, cur= 19.275
IM_10UA pin= 45, data=1/5, cur=-10.000, code= 9441
IM_10UA pin= 45, data=2/5, cur= -5.000, code=19593
IM_10UA pin= 45, data=3/5, cur= 0.000, code=29683
IM_10UA pin= 45, data=4/5, cur= 5.000, code=39772
IM_10UA pin= 45, data=5/5, cur= 10.000, code=49912
IM_10UA pin= 45, data=1/3, v=-2.0000, cur=1.38765e-05, code=29711
IM_10UA pin= 45, data=2/3, v= 0.0000, cur=0.00000e+00, code=29683
IM_10UA pin= 45, data=3/3, v= 5.0000, cur=-3.51833e-05, code=29612

IM_250UA pin= 45, data=1/5, cur=-300.00, code= 7856
IM_250UA pin= 45, data=2/5, cur=-150.00, code=19931
IM_250UA pin= 45, data=3/5, cur= 0.00, code=32018
IM_250UA pin= 45, data=4/5, cur= 150.00, code=44108
IM_250UA pin= 45, data=5/5, cur= 300.00, code=56225
VM pin= 45, data=1/4, volt=-1.5000, code=11694
VM pin= 45, data=2/4, volt= 0.0000, code=17563
VM pin= 45, data=3/4, volt= 3.0000, code=29295
VM pin= 45, data=4/4, volt= 6.0000, code=41032
RPATH pin= 45, R=1.58, V1=-0.0033, I1= 1.998, V2=-0.0317, I2= 20.000
CC_10UA_I1 pin= 46, data=1/4, code= 621, cur= 0.956
CC_10UA_I1 pin= 46, data=2/4, code=1287, cur= 2.424
CC_10UA_I1 pin= 46, data=3/4, code=3509, cur= 7.302
CC_10UA_I1 pin= 46, data=4/4, code=4620, cur= 9.747
CC_10UA_I2 pin= 46, data=1/4, code= 354, cur= -0.163
CC_10UA_I2 pin= 46, data=2/4, code= 910, cur= 2.207
CC_10UA_I2 pin= 46, data=3/4, code=2021, cur= 6.977
CC_10UA_I2 pin= 46, data=4/4, code=2576, cur= 9.349
CC_10UA_IM pin= 46, I1code=5643, I2code=5811
CC_250UA_I1 pin= 46, data=1/4, code= 284, cur= 6.89
CC_250UA_I1 pin= 46, data=2/4, code=1511, cur= 74.55
CC_250UA_I1 pin= 46, data=3/4, code=4178, cur= 221.40
CC_250UA_I1 pin= 46, data=4/4, code=5512, cur= 294.36
CC_250UA_I2 pin= 46, data=1/4, code= 409, cur= 4.34
CC_250UA_I2 pin= 46, data=2/4, code=1022, cur= 69.74
CC_250UA_I2 pin= 46, data=3/4, code=2355, cur= 212.22
CC_250UA_I2 pin= 46, data=4/4, code=3022, cur= 283.46
CC_250UA_IM pin= 46, I1code=6164, I2code=6360
ALD_I1 pin= 46, data=1/2, code= 510, cur= 1.319
ALD_I1 pin= 46, data=2/2, code=4109, cur= 18.514
ALD_I2 pin= 46, data=1/2, code= 510, cur= 1.541
ALD_I2 pin= 46, data=2/2, code=4109, cur= 19.229
IM_10UA pin= 46, data=1/5, cur=-10.000, code= 9148
IM_10UA pin= 46, data=2/5, cur= -5.000, code=19390
IM_10UA pin= 46, data=3/5, cur= 0.000, code=29588
IM_10UA pin= 46, data=4/5, cur= 5.000, code=39804

IM_10UA pin= 46, data=5/5, cur= 10.000, code=50076
IM_10UA pin= 46, data=1/3, v=-2.0000, cur=1.66406e-05, code=29622
IM_10UA pin= 46, data=2/3, v= 0.0000, cur=0.00000e+00, code=29588
IM_10UA pin= 46, data=3/3, v= 5.0000, cur=-3.28496e-05, code=29521
IM_250UA pin= 46, data=1/5, cur=-300.00, code= 7579
IM_250UA pin= 46, data=2/5, cur=-150.00, code=19879
IM_250UA pin= 46, data=3/5, cur= 0.00, code=32209
IM_250UA pin= 46, data=4/5, cur= 150.00, code=44537
IM_250UA pin= 46, data=5/5, cur= 300.00, code=56886
VM pin= 46, data=1/4, volt=-1.5000, code=11852
VM pin= 46, data=2/4, volt= 0.0000, code=17722
VM pin= 46, data=3/4, volt= 3.0000, code=29457
VM pin= 46, data=4/4, volt= 6.0000, code=41199
RPATH pin= 46, R=1.58, V1=-0.0033, I1= 1.996, V2=-0.0317, I2= 19.995
CC_10UA_I1 pin= 47, data=1/4, code= 621, cur= 1.015
CC_10UA_I1 pin= 47, data=2/4, code=1287, cur= 2.540
CC_10UA_I1 pin= 47, data=3/4, code=3509, cur= 7.601
CC_10UA_I1 pin= 47, data=4/4, code=4620, cur= 10.142
CC_10UA_I2 pin= 47, data=1/4, code= 354, cur= 0.184
CC_10UA_I2 pin= 47, data=2/4, code= 910, cur= 2.691
CC_10UA_I2 pin= 47, data=3/4, code=2021, cur= 7.708
CC_10UA_I2 pin= 47, data=4/4, code=2576, cur= 10.207
CC_10UA_IM pin= 47, I1code=5432, I2code=5469
CC_250UA_I1 pin= 47, data=1/4, code= 284, cur= 7.18
CC_250UA_I1 pin= 47, data=2/4, code=1511, cur= 77.58
CC_250UA_I1 pin= 47, data=3/4, code=4178, cur= 230.34
CC_250UA_I1 pin= 47, data=4/4, code=5512, cur= 306.19
CC_250UA_I2 pin= 47, data=1/4, code= 409, cur= 13.36
CC_250UA_I2 pin= 47, data=2/4, code=1022, cur= 82.39
CC_250UA_I2 pin= 47, data=3/4, code=2355, cur= 232.06
CC_250UA_I2 pin= 47, data=4/4, code=3022, cur= 306.81
CC_250UA_IM pin= 47, I1code=5931, I2code=5990
ALD_I1 pin= 47, data=1/2, code= 510, cur= 1.419
ALD_I1 pin= 47, data=2/2, code=4109, cur= 19.052
ALD_I2 pin= 47, data=1/2, code= 510, cur= 1.519
ALD_I2 pin= 47, data=2/2, code=4109, cur= 19.672

IM_10UA pin= 47, data=1/5, cur=-10.000, code= 8657
IM_10UA pin= 47, data=2/5, cur= -5.000, code=18700
IM_10UA pin= 47, data=3/5, cur= 0.000, code=28693
IM_10UA pin= 47, data=4/5, cur= 5.000, code=38695
IM_10UA pin= 47, data=5/5, cur= 10.000, code=48747
IM_10UA pin= 47, data=1/3, v=-2.0000, cur=1.34973e-05, code=28720
IM_10UA pin= 47, data=2/3, v= 0.0000, cur=0.00000e+00, code=28693
IM_10UA pin= 47, data=3/3, v= 5.0000, cur=-3.50245e-05, code=28623
IM_250UA pin= 47, data=1/5, cur=-300.00, code= 7115
IM_250UA pin= 47, data=2/5, cur=-150.00, code=19105
IM_250UA pin= 47, data=3/5, cur= 0.00, code=31111
IM_250UA pin= 47, data=4/5, cur= 150.00, code=43118
IM_250UA pin= 47, data=5/5, cur= 300.00, code=55146
VM pin= 47, data=1/4, volt=-1.5000, code=11522
VM pin= 47, data=2/4, volt= 0.0000, code=17411
VM pin= 47, data=3/4, volt= 3.0000, code=29183
VM pin= 47, data=4/4, volt= 6.0000, code=40960
RPATH pin= 47, R=1.60, V1=-0.0031, I1= 1.992, V2=-0.0318, I2= 19.996
CC_10UA_I1 pin= 48, data=1/4, code= 621, cur= 1.022
CC_10UA_I1 pin= 48, data=2/4, code=1287, cur= 2.547
CC_10UA_I1 pin= 48, data=3/4, code=3509, cur= 7.605
CC_10UA_I1 pin= 48, data=4/4, code=4620, cur= 10.146
CC_10UA_I2 pin= 48, data=1/4, code= 354, cur= 0.048
CC_10UA_I2 pin= 48, data=2/4, code= 910, cur= 2.456
CC_10UA_I2 pin= 48, data=3/4, code=2021, cur= 7.296
CC_10UA_I2 pin= 48, data=4/4, code=2576, cur= 9.721
CC_10UA_IM pin= 48, I1code=5431, I2code=5662
CC_250UA_I1 pin= 48, data=1/4, code= 284, cur= 7.78
CC_250UA_I1 pin= 48, data=2/4, code=1511, cur= 77.84
CC_250UA_I1 pin= 48, data=3/4, code=4178, cur= 229.75
CC_250UA_I1 pin= 48, data=4/4, code=5512, cur= 305.09
CC_250UA_I2 pin= 48, data=1/4, code= 409, cur= 9.84
CC_250UA_I2 pin= 48, data=2/4, code=1022, cur= 76.77
CC_250UA_I2 pin= 48, data=3/4, code=2355, cur= 222.82
CC_250UA_I2 pin= 48, data=4/4, code=3022, cur= 296.01
CC_250UA_IM pin= 48, I1code=5953, I2code=6153

ALD_I1 pin= 48, data=1/2, code= 510, cur= 1.192
ALD_I1 pin= 48, data=2/2, code=4109, cur= 18.657
ALD_I2 pin= 48, data=1/2, code= 510, cur= 1.786
ALD_I2 pin= 48, data=2/2, code=4109, cur= 19.830
IM_10UA pin= 48, data=1/5, cur=-10.000, code= 8868
IM_10UA pin= 48, data=2/5, cur= -5.000, code=18913
IM_10UA pin= 48, data=3/5, cur= 0.000, code=28893
IM_10UA pin= 48, data=4/5, cur= 5.000, code=38875
IM_10UA pin= 48, data=5/5, cur= 10.000, code=48903
IM_10UA pin= 48, data=1/3, v=-2.0000, cur=1.15207e-05, code=28916
IM_10UA pin= 48, data=2/3, v= 0.0000, cur=0.00000e+00, code=28893
IM_10UA pin= 48, data=3/3, v= 5.0000, cur=-3.30661e-05, code=28827
IM_250UA pin= 48, data=1/5, cur=-300.00, code= 7321
IM_250UA pin= 48, data=2/5, cur=-150.00, code=19269
IM_250UA pin= 48, data=3/5, cur= 0.00, code=31226
IM_250UA pin= 48, data=4/5, cur= 150.00, code=43173
IM_250UA pin= 48, data=5/5, cur= 300.00, code=55142
VM pin= 48, data=1/4, volt=-1.5000, code=11372
VM pin= 48, data=2/4, volt= 0.0000, code=17251
VM pin= 48, data=3/4, volt= 3.0000, code=29001
VM pin= 48, data=4/4, volt= 6.0000, code=40757
RPATH pin= 48, R=1.60, V1=-0.0033, I1= 1.992, V2=-0.0321, I2= 20.000
CC_10UA_I1 pin= 49, data=1/4, code= 621, cur= 1.049
CC_10UA_I1 pin= 49, data=2/4, code=1287, cur= 2.548
CC_10UA_I1 pin= 49, data=3/4, code=3509, cur= 7.529
CC_10UA_I1 pin= 49, data=4/4, code=4620, cur= 10.030
CC_10UA_I2 pin= 49, data=1/4, code= 354, cur= 0.019
CC_10UA_I2 pin= 49, data=2/4, code= 910, cur= 2.502
CC_10UA_I2 pin= 49, data=3/4, code=2021, cur= 7.454
CC_10UA_I2 pin= 49, data=4/4, code=2576, cur= 9.932
CC_10UA_IM pin= 49, I1code=5495, I2code=5566
CC_250UA_I1 pin= 49, data=1/4, code= 284, cur= 8.98
CC_250UA_I1 pin= 49, data=2/4, code=1511, cur= 78.20
CC_250UA_I1 pin= 49, data=3/4, code=4178, cur= 228.08
CC_250UA_I1 pin= 49, data=4/4, code=5512, cur= 302.45
CC_250UA_I2 pin= 49, data=1/4, code= 409, cur= 9.37

CC_250UA_I2 pin= 49, data=2/4, code=1022, cur= 77.50
CC_250UA_I2 pin= 49, data=3/4, code=2355, cur= 226.41
CC_250UA_I2 pin= 49, data=4/4, code=3022, cur= 301.12
CC_250UA_IM pin= 49, I1code=6006, I2code=6027
ALD_I1 pin= 49, data=1/2, code= 510, cur= 1.264
ALD_I1 pin= 49, data=2/2, code=4109, cur= 18.576
ALD_I2 pin= 49, data=1/2, code= 510, cur= 1.771
ALD_I2 pin= 49, data=2/2, code=4109, cur= 19.707
IM_10UA pin= 49, data=1/5, cur=-10.000, code= 8801
IM_10UA pin= 49, data=2/5, cur= -5.000, code=18889
IM_10UA pin= 49, data=3/5, cur= 0.000, code=28936
IM_10UA pin= 49, data=4/5, cur= 5.000, code=38996
IM_10UA pin= 49, data=5/5, cur= 10.000, code=49104
IM_10UA pin= 49, data=1/3, v=-2.0000, cur=1.04374e-05, code=28957
IM_10UA pin= 49, data=2/3, v= 0.0000, cur=0.00000e+00, code=28936
IM_10UA pin= 49, data=3/3, v= 5.0000, cur=-4.52871e-05, code=28845
IM_250UA pin= 49, data=1/5, cur=-300.00, code= 7255
IM_250UA pin= 49, data=2/5, cur=-150.00, code=19327
IM_250UA pin= 49, data=3/5, cur= 0.00, code=31419
IM_250UA pin= 49, data=4/5, cur= 150.00, code=43516
IM_250UA pin= 49, data=5/5, cur= 300.00, code=55645
VM pin= 49, data=1/4, volt=-1.5000, code=11614
VM pin= 49, data=2/4, volt= 0.0000, code=17515
VM pin= 49, data=3/4, volt= 3.0000, code=29315
VM pin= 49, data=4/4, volt= 6.0000, code=41120
RPATH pin= 49, R=1.60, V1=-0.0031, I1= 1.995, V2=-0.0318, I2= 19.992
CC_10UA_I1 pin= 50, data=1/4, code= 621, cur= 1.028
CC_10UA_I1 pin= 50, data=2/4, code=1287, cur= 2.526
CC_10UA_I1 pin= 50, data=3/4, code=3509, cur= 7.508
CC_10UA_I1 pin= 50, data=4/4, code=4620, cur= 10.010
CC_10UA_I2 pin= 50, data=1/4, code= 354, cur= 0.146
CC_10UA_I2 pin= 50, data=2/4, code= 910, cur= 2.603
CC_10UA_I2 pin= 50, data=3/4, code=2021, cur= 7.519
CC_10UA_I2 pin= 50, data=4/4, code=2576, cur= 9.974
CC_10UA_IM pin= 50, I1code=5504, I2code=5580
CC_250UA_I1 pin= 50, data=1/4, code= 284, cur= 8.48

CC_250UA_I1 pin= 50, data=2/4, code=1511, cur= 77.43
CC_250UA_I1 pin= 50, data=3/4, code=4178, cur= 226.60
CC_250UA_I1 pin= 50, data=4/4, code=5512, cur= 300.63
CC_250UA_I2 pin= 50, data=1/4, code= 409, cur= 11.78
CC_250UA_I2 pin= 50, data=2/4, code=1022, cur= 78.72
CC_250UA_I2 pin= 50, data=3/4, code=2355, cur= 224.52
CC_250UA_I2 pin= 50, data=4/4, code=3022, cur= 297.58
CC_250UA_IM pin= 50, I1code=6041, I2code=6138
ALD_I1 pin= 50, data=1/2, code= 510, cur= 1.550
ALD_I1 pin= 50, data=2/2, code=4109, cur= 18.787
ALD_I2 pin= 50, data=1/2, code= 510, cur= 1.851
ALD_I2 pin= 50, data=2/2, code=4109, cur= 19.731
IM_10UA pin= 50, data=1/5, cur=-10.000, code= 8682
IM_10UA pin= 50, data=2/5, cur= -5.000, code=18721
IM_10UA pin= 50, data=3/5, cur= 0.000, code=28716
IM_10UA pin= 50, data=4/5, cur= 5.000, code=38719
IM_10UA pin= 50, data=5/5, cur= 10.000, code=48778
IM_10UA pin= 50, data=1/3, v=-2.0000, cur=1.24963e-05, code=28741
IM_10UA pin= 50, data=2/3, v= 0.0000, cur=0.00000e+00, code=28716
IM_10UA pin= 50, data=3/3, v= 5.0000, cur=-4.65233e-05, code=28623
IM_250UA pin= 50, data=1/5, cur=-300.00, code= 7126
IM_250UA pin= 50, data=2/5, cur=-150.00, code=19162
IM_250UA pin= 50, data=3/5, cur= 0.00, code=31238
IM_250UA pin= 50, data=4/5, cur= 150.00, code=43314
IM_250UA pin= 50, data=5/5, cur= 300.00, code=55426
VM pin= 50, data=1/4, volt=-1.5000, code=11572
VM pin= 50, data=2/4, volt= 0.0000, code=17469
VM pin= 50, data=3/4, volt= 3.0000, code=29259
VM pin= 50, data=4/4, volt= 6.0000, code=41052
RPATH pin= 50, R=1.58, V1=-0.0031, I1= 1.995, V2=-0.0315, I2= 19.996
CC_10UA_I1 pin= 51, data=1/4, code= 621, cur= 0.964
CC_10UA_I1 pin= 51, data=2/4, code=1287, cur= 2.490
CC_10UA_I1 pin= 51, data=3/4, code=3509, cur= 7.564
CC_10UA_I1 pin= 51, data=4/4, code=4620, cur= 10.107
CC_10UA_I2 pin= 51, data=1/4, code= 354, cur= 0.110
CC_10UA_I2 pin= 51, data=2/4, code= 910, cur= 2.581

CC_10UA_I2 pin= 51, data=3/4, code=2021, cur= 7.527
CC_10UA_I2 pin= 51, data=4/4, code=2576, cur= 9.988
CC_10UA_IM pin= 51, I1code=5447, I2code=5559
CC_250UA_I1 pin= 51, data=1/4, code= 284, cur= 6.94
CC_250UA_I1 pin= 51, data=2/4, code=1511, cur= 77.29
CC_250UA_I1 pin= 51, data=3/4, code=4178, cur= 229.36
CC_250UA_I1 pin= 51, data=4/4, code=5512, cur= 304.67
CC_250UA_I2 pin= 51, data=1/4, code= 409, cur= 11.39
CC_250UA_I2 pin= 51, data=2/4, code=1022, cur= 79.69
CC_250UA_I2 pin= 51, data=3/4, code=2355, cur= 229.02
CC_250UA_I2 pin= 51, data=4/4, code=3022, cur= 304.15
CC_250UA_IM pin= 51, I1code=5961, I2code=5979
ALD_I1 pin= 51, data=1/2, code= 510, cur= 1.224
ALD_I1 pin= 51, data=2/2, code=4109, cur= 18.733
ALD_I2 pin= 51, data=1/2, code= 510, cur= 1.620
ALD_I2 pin= 51, data=2/2, code=4109, cur= 19.704
IM_10UA pin= 51, data=1/5, cur=-10.000, code= 9266
IM_10UA pin= 51, data=2/5, cur= -5.000, code=19180
IM_10UA pin= 51, data=3/5, cur= 0.000, code=29047
IM_10UA pin= 51, data=4/5, cur= 5.000, code=38919
IM_10UA pin= 51, data=5/5, cur= 10.000, code=48845
IM_10UA pin= 51, data=1/3, v=-2.0000, cur=1.06361e-05, code=29068
IM_10UA pin= 51, data=2/3, v= 0.0000, cur=0.00000e+00, code=29047
IM_10UA pin= 51, data=3/3, v= 5.0000, cur=-4.76335e-05, code=28953
IM_250UA pin= 51, data=1/5, cur=-300.00, code= 7725
IM_250UA pin= 51, data=2/5, cur=-150.00, code=19575
IM_250UA pin= 51, data=3/5, cur= 0.00, code=31453
IM_250UA pin= 51, data=4/5, cur= 150.00, code=43331
IM_250UA pin= 51, data=5/5, cur= 300.00, code=55244
VM pin= 51, data=1/4, volt=-1.5000, code=11709
VM pin= 51, data=2/4, volt= 0.0000, code=17601
VM pin= 51, data=3/4, volt= 3.0000, code=29381
VM pin= 51, data=4/4, volt= 6.0000, code=41168
RPATH pin= 51, R=1.63, V1=-0.0031, I1= 1.994, V2=-0.0323, I2= 19.993
CC_10UA_I1 pin= 52, data=1/4, code= 621, cur= 1.088
CC_10UA_I1 pin= 52, data=2/4, code=1287, cur= 2.617

CC_10UA_I1 pin= 52, data=3/4, code=3509, cur= 7.706
CC_10UA_I1 pin= 52, data=4/4, code=4620, cur= 10.252
CC_10UA_I2 pin= 52, data=1/4, code= 354, cur= 0.055
CC_10UA_I2 pin= 52, data=2/4, code= 910, cur= 2.523
CC_10UA_I2 pin= 52, data=3/4, code=2021, cur= 7.473
CC_10UA_I2 pin= 52, data=4/4, code=2576, cur= 9.941
CC_10UA_IM pin= 52, I1code=5383, I2code=5561
CC_250UA_I1 pin= 52, data=1/4, code= 284, cur= 9.15
CC_250UA_I1 pin= 52, data=2/4, code=1511, cur= 79.51
CC_250UA_I1 pin= 52, data=3/4, code=4178, cur= 231.58
CC_250UA_I1 pin= 52, data=4/4, code=5512, cur= 306.95
CC_250UA_I2 pin= 52, data=1/4, code= 409, cur= 9.87
CC_250UA_I2 pin= 52, data=2/4, code=1022, cur= 77.65
CC_250UA_I2 pin= 52, data=3/4, code=2355, cur= 225.57
CC_250UA_I2 pin= 52, data=4/4, code=3022, cur= 299.54
CC_250UA_IM pin= 52, I1code=5920, I2code=6092
ALD_I1 pin= 52, data=1/2, code= 510, cur= 1.497
ALD_I1 pin= 52, data=2/2, code=4109, cur= 19.135
ALD_I2 pin= 52, data=1/2, code= 510, cur= 1.603
ALD_I2 pin= 52, data=2/2, code=4109, cur= 19.745
IM_10UA pin= 52, data=1/5, cur=-10.000, code= 8743
IM_10UA pin= 52, data=2/5, cur= -5.000, code=18431
IM_10UA pin= 52, data=3/5, cur= 0.000, code=28089
IM_10UA pin= 52, data=4/5, cur= 5.000, code=37763
IM_10UA pin= 52, data=5/5, cur= 10.000, code=47497
IM_10UA pin= 52, data=1/3, v=-2.0000, cur=7.75274e-06, code=28104
IM_10UA pin= 52, data=2/3, v= 0.0000, cur=0.00000e+00, code=28089
IM_10UA pin= 52, data=3/3, v= 5.0000, cur=-3.67571e-05, code=28018
IM_250UA pin= 52, data=1/5, cur=-300.00, code= 7254
IM_250UA pin= 52, data=2/5, cur=-150.00, code=18929
IM_250UA pin= 52, data=3/5, cur= 0.00, code=30649
IM_250UA pin= 52, data=4/5, cur= 150.00, code=42373
IM_250UA pin= 52, data=5/5, cur= 300.00, code=54130
VM pin= 52, data=1/4, volt=-1.5000, code=11538
VM pin= 52, data=2/4, volt= 0.0000, code=17423
VM pin= 52, data=3/4, volt= 3.0000, code=29189

VM pin= 52, data=4/4, volt= 6.0000, code=40958
RPATH pin= 52, R=1.59, V1=-0.0031, I1= 1.998, V2=-0.0316, I2= 19.998
CC_10UA_I1 pin= 53, data=1/4, code= 621, cur= 0.922
CC_10UA_I1 pin= 53, data=2/4, code=1287, cur= 2.364
CC_10UA_I1 pin= 53, data=3/4, code=3509, cur= 7.156
CC_10UA_I1 pin= 53, data=4/4, code=4620, cur= 9.561
CC_10UA_I2 pin= 53, data=1/4, code= 354, cur= -0.020
CC_10UA_I2 pin= 53, data=2/4, code= 910, cur= 2.296
CC_10UA_I2 pin= 53, data=3/4, code=2021, cur= 6.925
CC_10UA_I2 pin= 53, data=4/4, code=2576, cur= 9.231
CC_10UA_IM pin= 53, I1code=5747, I2code=5946
CC_250UA_I1 pin= 53, data=1/4, code= 284, cur= 7.77
CC_250UA_I1 pin= 53, data=2/4, code=1511, cur= 74.42
CC_250UA_I1 pin= 53, data=3/4, code=4178, cur= 219.00
CC_250UA_I1 pin= 53, data=4/4, code=5512, cur= 290.78
CC_250UA_I2 pin= 53, data=1/4, code= 409, cur= 7.86
CC_250UA_I2 pin= 53, data=2/4, code=1022, cur= 71.67
CC_250UA_I2 pin= 53, data=3/4, code=2355, cur= 211.03
CC_250UA_I2 pin= 53, data=4/4, code=3022, cur= 281.01
CC_250UA_IM pin= 53, I1code=6241, I2code=6423
ALD_I1 pin= 53, data=1/2, code= 510, cur= 1.240
ALD_I1 pin= 53, data=2/2, code=4109, cur= 18.446
ALD_I2 pin= 53, data=1/2, code= 510, cur= 1.652
ALD_I2 pin= 53, data=2/2, code=4109, cur= 19.408
IM_10UA pin= 53, data=1/5, cur=-10.000, code= 9381
IM_10UA pin= 53, data=2/5, cur= -5.000, code=20305
IM_10UA pin= 53, data=3/5, cur= 0.000, code=31149
IM_10UA pin= 53, data=4/5, cur= 5.000, code=41991
IM_10UA pin= 53, data=5/5, cur= 10.000, code=52878
IM_10UA pin= 53, data=1/3, v=-2.0000, cur=1.75244e-05, code=31187
IM_10UA pin= 53, data=2/3, v= 0.0000, cur=0.00000e+00, code=31149
IM_10UA pin= 53, data=3/3, v= 5.0000, cur=-4.38030e-05, code=31054
IM_250UA pin= 53, data=1/5, cur=-300.00, code= 7661
IM_250UA pin= 53, data=2/5, cur=-150.00, code=20571
IM_250UA pin= 53, data=3/5, cur= 0.00, code=33482
IM_250UA pin= 53, data=4/5, cur= 150.00, code=46390

IM_250UA pin= 53, data=5/5, cur= 300.00, code=59319
VM pin= 53, data=1/4, volt=-1.5000, code=11625
VM pin= 53, data=2/4, volt= 0.0000, code=17535
VM pin= 53, data=3/4, volt= 3.0000, code=29351
VM pin= 53, data=4/4, volt= 6.0000, code=41172
RPATH pin= 53, R=1.61, V1=-0.0030, I1= 1.995, V2=-0.0320, I2= 19.996
CC_10UA_I1 pin= 54, data=1/4, code= 621, cur= 1.038
CC_10UA_I1 pin= 54, data=2/4, code=1287, cur= 2.551
CC_10UA_I1 pin= 54, data=3/4, code=3509, cur= 7.587
CC_10UA_I1 pin= 54, data=4/4, code=4620, cur= 10.114
CC_10UA_I2 pin= 54, data=1/4, code= 354, cur= -0.025
CC_10UA_I2 pin= 54, data=2/4, code= 910, cur= 2.408
CC_10UA_I2 pin= 54, data=3/4, code=2021, cur= 7.287
CC_10UA_I2 pin= 54, data=4/4, code=2576, cur= 9.729
CC_10UA_IM pin= 54, I1code=5449, I2code=5639
CC_250UA_I1 pin= 54, data=1/4, code= 284, cur= 8.45
CC_250UA_I1 pin= 54, data=2/4, code=1511, cur= 78.22
CC_250UA_I1 pin= 54, data=3/4, code=4178, cur= 229.25
CC_250UA_I1 pin= 54, data=4/4, code=5512, cur= 304.19
CC_250UA_I2 pin= 54, data=1/4, code= 409, cur= 7.92
CC_250UA_I2 pin= 54, data=2/4, code=1022, cur= 74.97
CC_250UA_I2 pin= 54, data=3/4, code=2355, cur= 221.70
CC_250UA_I2 pin= 54, data=4/4, code=3022, cur= 295.36
CC_250UA_IM pin= 54, I1code=5971, I2code=6140
ALD_I1 pin= 54, data=1/2, code= 510, cur= 1.581
ALD_I1 pin= 54, data=2/2, code=4109, cur= 19.196
ALD_I2 pin= 54, data=1/2, code= 510, cur= 1.371
ALD_I2 pin= 54, data=2/2, code=4109, cur= 19.617
IM_10UA pin= 54, data=1/5, cur=-10.000, code= 9073
IM_10UA pin= 54, data=2/5, cur= -5.000, code=18929
IM_10UA pin= 54, data=3/5, cur= 0.000, code=28763
IM_10UA pin= 54, data=4/5, cur= 5.000, code=38614
IM_10UA pin= 54, data=5/5, cur= 10.000, code=48524
IM_10UA pin= 54, data=1/3, v=-2.0000, cur=1.97949e-05, code=28802
IM_10UA pin= 54, data=2/3, v= 0.0000, cur=0.00000e+00, code=28763
IM_10UA pin= 54, data=3/3, v= 5.0000, cur=-4.77934e-05, code=28669

IM_250UA pin= 54, data=1/5, cur=-300.00, code= 7550
IM_250UA pin= 54, data=2/5, cur=-150.00, code=19394
IM_250UA pin= 54, data=3/5, cur= 0.00, code=31260
IM_250UA pin= 54, data=4/5, cur= 150.00, code=43135
IM_250UA pin= 54, data=5/5, cur= 300.00, code=55032
VM pin= 54, data=1/4, volt=-1.5000, code=11385
VM pin= 54, data=2/4, volt= 0.0000, code=17284
VM pin= 54, data=3/4, volt= 3.0000, code=29077
VM pin= 54, data=4/4, volt= 6.0000, code=40873
RPATH pin= 54, R=1.61, V1=-0.0031, I1= 1.992, V2=-0.0320, I2= 19.998
CC_10UA_I1 pin= 55, data=1/4, code= 621, cur= 1.119
CC_10UA_I1 pin= 55, data=2/4, code=1287, cur= 2.614
CC_10UA_I1 pin= 55, data=3/4, code=3509, cur= 7.592
CC_10UA_I1 pin= 55, data=4/4, code=4620, cur= 10.084
CC_10UA_I2 pin= 55, data=1/4, code= 354, cur= 0.056
CC_10UA_I2 pin= 55, data=2/4, code= 910, cur= 2.512
CC_10UA_I2 pin= 55, data=3/4, code=2021, cur= 7.425
CC_10UA_I2 pin= 55, data=4/4, code=2576, cur= 9.868
CC_10UA_IM pin= 55, I1code=5474, I2code=5615
CC_250UA_I1 pin= 55, data=1/4, code= 284, cur= 11.74
CC_250UA_I1 pin= 55, data=2/4, code=1511, cur= 80.73
CC_250UA_I1 pin= 55, data=3/4, code=4178, cur= 229.63
CC_250UA_I1 pin= 55, data=4/4, code=5512, cur= 303.37
CC_250UA_I2 pin= 55, data=1/4, code= 409, cur= 9.90
CC_250UA_I2 pin= 55, data=2/4, code=1022, cur= 77.34
CC_250UA_I2 pin= 55, data=3/4, code=2355, cur= 224.25
CC_250UA_I2 pin= 55, data=4/4, code=3022, cur= 297.98
CC_250UA_IM pin= 55, I1code=5994, I2code=6097
ALD_I1 pin= 55, data=1/2, code= 510, cur= 1.135
ALD_I1 pin= 55, data=2/2, code=4109, cur= 18.284
ALD_I2 pin= 55, data=1/2, code= 510, cur= 1.430
ALD_I2 pin= 55, data=2/2, code=4109, cur= 19.248
IM_10UA pin= 55, data=1/5, cur=-10.000, code= 8747
IM_10UA pin= 55, data=2/5, cur= -5.000, code=18949
IM_10UA pin= 55, data=3/5, cur= 0.000, code=29092
IM_10UA pin= 55, data=4/5, cur= 5.000, code=39238

IM_10UA pin= 55, data=5/5, cur= 10.000, code=49430
IM_10UA pin= 55, data=1/3, v=-2.0000, cur=1.97122e-06, code=29096
IM_10UA pin= 55, data=2/3, v= 0.0000, cur=0.00000e+00, code=29092
IM_10UA pin= 55, data=3/3, v= 5.0000, cur=-2.46475e-05, code=29042
IM_250UA pin= 55, data=1/5, cur=-300.00, code= 7166
IM_250UA pin= 55, data=2/5, cur=-150.00, code=19322
IM_250UA pin= 55, data=3/5, cur= 0.00, code=31493
IM_250UA pin= 55, data=4/5, cur= 150.00, code=43669
IM_250UA pin= 55, data=5/5, cur= 300.00, code=55862
VM pin= 55, data=1/4, volt=-1.5000, code=11640
VM pin= 55, data=2/4, volt= 0.0000, code=17541
VM pin= 55, data=3/4, volt= 3.0000, code=29336
VM pin= 55, data=4/4, volt= 6.0000, code=41138
RPATH pin= 55, R=1.58, V1=-0.0031, I1= 1.996, V2=-0.0315, I2= 19.999
CC_10UA_I1 pin= 56, data=1/4, code= 621, cur= 0.987
CC_10UA_I1 pin= 56, data=2/4, code=1287, cur= 2.475
CC_10UA_I1 pin= 56, data=3/4, code=3509, cur= 7.419
CC_10UA_I1 pin= 56, data=4/4, code=4620, cur= 9.900
CC_10UA_I2 pin= 56, data=1/4, code= 354, cur= -0.002
CC_10UA_I2 pin= 56, data=2/4, code= 910, cur= 2.551
CC_10UA_I2 pin= 56, data=3/4, code=2021, cur= 7.629
CC_10UA_I2 pin= 56, data=4/4, code=2576, cur= 10.159
CC_10UA_IM pin= 56, I1code=5560, I2code=5460
CC_250UA_I1 pin= 56, data=1/4, code= 284, cur= 7.58
CC_250UA_I1 pin= 56, data=2/4, code=1511, cur= 76.10
CC_250UA_I1 pin= 56, data=3/4, code=4178, cur= 224.16
CC_250UA_I1 pin= 56, data=4/4, code=5512, cur= 297.46
CC_250UA_I2 pin= 56, data=1/4, code= 409, cur= 8.49
CC_250UA_I2 pin= 56, data=2/4, code=1022, cur= 76.38
CC_250UA_I2 pin= 56, data=3/4, code=2355, cur= 222.85
CC_250UA_I2 pin= 56, data=4/4, code=3022, cur= 295.40
CC_250UA_IM pin= 56, I1code=6104, I2code=6213
ALD_I1 pin= 56, data=1/2, code= 510, cur= 1.199
ALD_I1 pin= 56, data=2/2, code=4109, cur= 18.336
ALD_I2 pin= 56, data=1/2, code= 510, cur= 1.520
ALD_I2 pin= 56, data=2/2, code=4109, cur= 19.239

IM_10UA pin= 56, data=1/5, cur=-10.000, code= 8815
IM_10UA pin= 56, data=2/5, cur= -5.000, code=18728
IM_10UA pin= 56, data=3/5, cur= 0.000, code=28608
IM_10UA pin= 56, data=4/5, cur= 5.000, code=38508
IM_10UA pin= 56, data=5/5, cur= 10.000, code=48471
IM_10UA pin= 56, data=1/3, v=-2.0000, cur=1.01010e-05, code=28628
IM_10UA pin= 56, data=2/3, v= 0.0000, cur=0.00000e+00, code=28608
IM_10UA pin= 56, data=3/3, v= 5.0000, cur=-3.59312e-05, code=28537
IM_250UA pin= 56, data=1/5, cur=-300.00, code= 7287
IM_250UA pin= 56, data=2/5, cur=-150.00, code=19211
IM_250UA pin= 56, data=3/5, cur= 0.00, code=31168
IM_250UA pin= 56, data=4/5, cur= 150.00, code=43132
IM_250UA pin= 56, data=5/5, cur= 300.00, code=55117
VM pin= 56, data=1/4, volt=-1.5000, code=11605
VM pin= 56, data=2/4, volt= 0.0000, code=17520
VM pin= 56, data=3/4, volt= 3.0000, code=29348
VM pin= 56, data=4/4, volt= 6.0000, code=41184
RPATH pin= 56, R=1.58, V1=-0.0030, I1= 1.991, V2=-0.0314, I2= 20.000
CC_10UA_I1 pin=129, data=1/4, code= 621, cur= 1.035
CC_10UA_I1 pin=129, data=2/4, code=1287, cur= 2.556
CC_10UA_I1 pin=129, data=3/4, code=3509, cur= 7.624
CC_10UA_I1 pin=129, data=4/4, code=4620, cur= 10.164
CC_10UA_I2 pin=129, data=1/4, code= 354, cur= 0.176
CC_10UA_I2 pin=129, data=2/4, code= 910, cur= 2.660
CC_10UA_I2 pin=129, data=3/4, code=2021, cur= 7.626
CC_10UA_I2 pin=129, data=4/4, code=2576, cur= 10.099
CC_10UA_IM pin=129, I1code=5423, I2code=5522
CC_250UA_I1 pin=129, data=1/4, code= 284, cur= 8.37
CC_250UA_I1 pin=129, data=2/4, code=1511, cur= 78.62
CC_250UA_I1 pin=129, data=3/4, code=4178, cur= 230.33
CC_250UA_I1 pin=129, data=4/4, code=5512, cur= 305.55
CC_250UA_I2 pin=129, data=1/4, code= 409, cur= 12.95
CC_250UA_I2 pin=129, data=2/4, code=1022, cur= 81.11
CC_250UA_I2 pin=129, data=3/4, code=2355, cur= 229.39
CC_250UA_I2 pin=129, data=4/4, code=3022, cur= 303.57
CC_250UA_IM pin=129, I1code=5946, I2code=6041

ALD_I1 pin=129, data=1/2, code= 510, cur= 1.260
ALD_I1 pin=129, data=2/2, code=4109, cur= 18.686
ALD_I2 pin=129, data=1/2, code= 510, cur= 1.738
ALD_I2 pin=129, data=2/2, code=4109, cur= 19.765
IM_10UA pin=129, data=1/5, cur=-10.000, code= 8673
IM_10UA pin=129, data=2/5, cur= -5.000, code=18735
IM_10UA pin=129, data=3/5, cur= 0.000, code=28739
IM_10UA pin=129, data=4/5, cur= 5.000, code=38748
IM_10UA pin=129, data=5/5, cur= 10.000, code=48810
IM_10UA pin=129, data=1/3, v=-2.0000, cur=1.54861e-05, code=28770
IM_10UA pin=129, data=2/3, v= 0.0000, cur=0.00000e+00, code=28739
IM_10UA pin=129, data=3/3, v= 5.0000, cur=-3.59856e-05, code=28667
IM_250UA pin=129, data=1/5, cur=-300.00, code= 7103
IM_250UA pin=129, data=2/5, cur=-150.00, code=19102
IM_250UA pin=129, data=3/5, cur= 0.00, code=31119
IM_250UA pin=129, data=4/5, cur= 150.00, code=43132
IM_250UA pin=129, data=5/5, cur= 300.00, code=55174
VM pin=129, data=1/4, volt=-1.5000, code=11467
VM pin=129, data=2/4, volt= 0.0000, code=17366
VM pin=129, data=3/4, volt= 3.0000, code=29157
VM pin=129, data=4/4, volt= 6.0000, code=40953
RPATH pin=129, R=1.55, V1=-0.0033, I1= 1.995, V2=-0.0313, I2= 20.000
CC_10UA_I1 pin=130, data=1/4, code= 621, cur= 1.031
CC_10UA_I1 pin=130, data=2/4, code=1287, cur= 2.561
CC_10UA_I1 pin=130, data=3/4, code=3509, cur= 7.650
CC_10UA_I1 pin=130, data=4/4, code=4620, cur= 10.205
CC_10UA_I2 pin=130, data=1/4, code= 354, cur= 0.279
CC_10UA_I2 pin=130, data=2/4, code= 910, cur= 2.792
CC_10UA_I2 pin=130, data=3/4, code=2021, cur= 7.832
CC_10UA_I2 pin=130, data=4/4, code=2576, cur= 10.336
CC_10UA_IM pin=130, I1code=5400, I2code=5430
CC_250UA_I1 pin=130, data=1/4, code= 284, cur= 7.89
CC_250UA_I1 pin=130, data=2/4, code=1511, cur= 78.23
CC_250UA_I1 pin=130, data=3/4, code=4178, cur= 230.48
CC_250UA_I1 pin=130, data=4/4, code=5512, cur= 306.01
CC_250UA_I2 pin=130, data=1/4, code= 409, cur= 15.46

CC_250UA_I2 pin=130, data=2/4, code=1022, cur= 83.91
CC_250UA_I2 pin=130, data=3/4, code=2355, cur= 232.92
CC_250UA_I2 pin=130, data=4/4, code=3022, cur= 307.55
CC_250UA_IM pin=130, I1code=5936, I2code=5986
ALD_I1 pin=130, data=1/2, code= 510, cur= 1.160
ALD_I1 pin=130, data=2/2, code=4109, cur= 18.749
ALD_I2 pin=130, data=1/2, code= 510, cur= 1.693
ALD_I2 pin=130, data=2/2, code=4109, cur= 19.969
IM_10UA pin=130, data=1/5, cur=-10.000, code= 9007
IM_10UA pin=130, data=2/5, cur= -5.000, code=18765
IM_10UA pin=130, data=3/5, cur= 0.000, code=28476
IM_10UA pin=130, data=4/5, cur= 5.000, code=38198
IM_10UA pin=130, data=5/5, cur= 10.000, code=47973
IM_10UA pin=130, data=1/3, v=-2.0000, cur=1.54289e-05, code=28506
IM_10UA pin=130, data=2/3, v= 0.0000, cur=0.00000e+00, code=28476
IM_10UA pin=130, data=3/3, v= 5.0000, cur=-3.24374e-05, code=28413
IM_250UA pin=130, data=1/5, cur=-300.00, code= 7484
IM_250UA pin=130, data=2/5, cur=-150.00, code=19178
IM_250UA pin=130, data=3/5, cur= 0.00, code=30894
IM_250UA pin=130, data=4/5, cur= 150.00, code=42614
IM_250UA pin=130, data=5/5, cur= 300.00, code=54359
VM pin=130, data=1/4, volt=-1.5000, code=11580
VM pin=130, data=2/4, volt= 0.0000, code=17455
VM pin=130, data=3/4, volt= 3.0000, code=29196
VM pin=130, data=4/4, volt= 6.0000, code=40943
RPATH pin=130, R=1.59, V1=-0.0031, I1= 1.997, V2=-0.0317, I2= 19.997
CC_10UA_I1 pin=131, data=1/4, code= 621, cur= 1.117
CC_10UA_I1 pin=131, data=2/4, code=1287, cur= 2.635
CC_10UA_I1 pin=131, data=3/4, code=3509, cur= 7.676
CC_10UA_I1 pin=131, data=4/4, code=4620, cur= 10.204
CC_10UA_I2 pin=131, data=1/4, code= 354, cur= 0.085
CC_10UA_I2 pin=131, data=2/4, code= 910, cur= 2.557
CC_10UA_I2 pin=131, data=3/4, code=2021, cur= 7.514
CC_10UA_I2 pin=131, data=4/4, code=2576, cur= 9.976
CC_10UA_IM pin=131, I1code=5410, I2code=5558
CC_250UA_I1 pin=131, data=1/4, code= 284, cur= 9.80

CC_250UA_I1 pin=131, data=2/4, code=1511, cur= 79.68
CC_250UA_I1 pin=131, data=3/4, code=4178, cur= 230.39
CC_250UA_I1 pin=131, data=4/4, code=5512, cur= 305.04
CC_250UA_I2 pin=131, data=1/4, code= 409, cur= 10.54
CC_250UA_I2 pin=131, data=2/4, code=1022, cur= 78.72
CC_250UA_I2 pin=131, data=3/4, code=2355, cur= 227.17
CC_250UA_I2 pin=131, data=4/4, code=3022, cur= 301.70
CC_250UA_IM pin=131, I1code=5958, I2code=6039
ALD_I1 pin=131, data=1/2, code= 510, cur= 1.426
ALD_I1 pin=131, data=2/2, code=4109, cur= 18.922
ALD_I2 pin=131, data=1/2, code= 510, cur= 1.697
ALD_I2 pin=131, data=2/2, code=4109, cur= 19.687
IM_10UA pin=131, data=1/5, cur=-10.000, code= 8697
IM_10UA pin=131, data=2/5, cur= -5.000, code=18625
IM_10UA pin=131, data=3/5, cur= 0.000, code=28517
IM_10UA pin=131, data=4/5, cur= 5.000, code=38424
IM_10UA pin=131, data=5/5, cur= 10.000, code=48391
IM_10UA pin=131, data=1/3, v=-2.0000, cur=1.51408e-05, code=28547
IM_10UA pin=131, data=2/3, v= 0.0000, cur=0.00000e+00, code=28517
IM_10UA pin=131, data=3/3, v= 5.0000, cur=-3.33603e-05, code=28451
IM_250UA pin=131, data=1/5, cur=-300.00, code= 7170
IM_250UA pin=131, data=2/5, cur=-150.00, code=19144
IM_250UA pin=131, data=3/5, cur= 0.00, code=31169
IM_250UA pin=131, data=4/5, cur= 150.00, code=43200
IM_250UA pin=131, data=5/5, cur= 300.00, code=55265
VM pin=131, data=1/4, volt=-1.5000, code=11415
VM pin=131, data=2/4, volt= 0.0000, code=17330
VM pin=131, data=3/4, volt= 3.0000, code=29155
VM pin=131, data=4/4, volt= 6.0000, code=40985
RPATH pin=131, R=1.58, V1=-0.0033, I1= 1.998, V2=-0.0317, I2= 19.998
CC_10UA_I1 pin=132, data=1/4, code= 621, cur= 1.067
CC_10UA_I1 pin=132, data=2/4, code=1287, cur= 2.589
CC_10UA_I1 pin=132, data=3/4, code=3509, cur= 7.639
CC_10UA_I1 pin=132, data=4/4, code=4620, cur= 10.172
CC_10UA_I2 pin=132, data=1/4, code= 354, cur= 0.079
CC_10UA_I2 pin=132, data=2/4, code= 910, cur= 2.552

CC_10UA_I2 pin=132, data=3/4, code=2021, cur= 7.510
CC_10UA_I2 pin=132, data=4/4, code=2576, cur= 9.976
CC_10UA_IM pin=132, I1code=5422, I2code=5551
CC_250UA_I1 pin=132, data=1/4, code= 284, cur= 9.18
CC_250UA_I1 pin=132, data=2/4, code=1511, cur= 79.01
CC_250UA_I1 pin=132, data=3/4, code=4178, cur= 230.00
CC_250UA_I1 pin=132, data=4/4, code=5512, cur= 304.83
CC_250UA_I2 pin=132, data=1/4, code= 409, cur= 10.62
CC_250UA_I2 pin=132, data=2/4, code=1022, cur= 78.31
CC_250UA_I2 pin=132, data=3/4, code=2355, cur= 226.01
CC_250UA_I2 pin=132, data=4/4, code=3022, cur= 299.93
CC_250UA_IM pin=132, I1code=5961, I2code=6078
ALD_I1 pin=132, data=1/2, code= 510, cur= 1.589
ALD_I1 pin=132, data=2/2, code=4109, cur= 19.047
ALD_I2 pin=132, data=1/2, code= 510, cur= 1.598
ALD_I2 pin=132, data=2/2, code=4109, cur= 19.633
IM_10UA pin=132, data=1/5, cur=-10.000, code= 9159
IM_10UA pin=132, data=2/5, cur= -5.000, code=19044
IM_10UA pin=132, data=3/5, cur= 0.000, code=28881
IM_10UA pin=132, data=4/5, cur= 5.000, code=38726
IM_10UA pin=132, data=5/5, cur= 10.000, code=48626
IM_10UA pin=132, data=1/3, v=-2.0000, cur=1.72676e-05, code=28915
IM_10UA pin=132, data=2/3, v= 0.0000, cur=0.00000e+00, code=28881
IM_10UA pin=132, data=3/3, v= 5.0000, cur=-3.25302e-05, code=28817
IM_250UA pin=132, data=1/5, cur=-300.00, code= 7622
IM_250UA pin=132, data=2/5, cur=-150.00, code=19463
IM_250UA pin=132, data=3/5, cur= 0.00, code=31332
IM_250UA pin=132, data=4/5, cur= 150.00, code=43207
IM_250UA pin=132, data=5/5, cur= 300.00, code=55113
VM pin=132, data=1/4, volt=-1.5000, code=11554
VM pin=132, data=2/4, volt= 0.0000, code=17443
VM pin=132, data=3/4, volt= 3.0000, code=29216
VM pin=132, data=4/4, volt= 6.0000, code=40994
RPATH pin=132, R=1.59, V1=-0.0031, I1= 1.998, V2=-0.0316, I2= 19.997
CC_10UA_I1 pin=133, data=1/4, code= 621, cur= 1.000
CC_10UA_I1 pin=133, data=2/4, code=1287, cur= 2.515

CC_10UA_I1 pin=133, data=3/4, code=3509, cur= 7.540
CC_10UA_I1 pin=133, data=4/4, code=4620, cur= 10.062
CC_10UA_I2 pin=133, data=1/4, code= 354, cur= -0.148
CC_10UA_I2 pin=133, data=2/4, code= 910, cur= 2.316
CC_10UA_I2 pin=133, data=3/4, code=2021, cur= 7.251
CC_10UA_I2 pin=133, data=4/4, code=2576, cur= 9.717
CC_10UA_IM pin=133, I1code=5474, I2code=5620
CC_250UA_I1 pin=133, data=1/4, code= 284, cur= 7.28
CC_250UA_I1 pin=133, data=2/4, code=1511, cur= 76.85
CC_250UA_I1 pin=133, data=3/4, code=4178, cur= 226.86
CC_250UA_I1 pin=133, data=4/4, code=5512, cur= 301.08
CC_250UA_I2 pin=133, data=1/4, code= 409, cur= 5.12
CC_250UA_I2 pin=133, data=2/4, code=1022, cur= 73.28
CC_250UA_I2 pin=133, data=3/4, code=2355, cur= 221.61
CC_250UA_I2 pin=133, data=4/4, code=3022, cur= 295.95
CC_250UA_IM pin=133, I1code=6032, I2code=6106
ALD_I1 pin=133, data=1/2, code= 510, cur= 1.605
ALD_I1 pin=133, data=2/2, code=4109, cur= 19.023
ALD_I2 pin=133, data=1/2, code= 510, cur= 1.551
ALD_I2 pin=133, data=2/2, code=4109, cur= 19.659
IM_10UA pin=133, data=1/5, cur=-10.000, code= 9119
IM_10UA pin=133, data=2/5, cur= -5.000, code=19307
IM_10UA pin=133, data=3/5, cur= 0.000, code=29422
IM_10UA pin=133, data=4/5, cur= 5.000, code=39540
IM_10UA pin=133, data=5/5, cur= 10.000, code=49700
IM_10UA pin=133, data=1/3, v=-2.0000, cur=1.38367e-05, code=29450
IM_10UA pin=133, data=2/3, v= 0.0000, cur=0.00000e+00, code=29422
IM_10UA pin=133, data=3/3, v= 5.0000, cur=-3.41078e-05, code=29353
IM_250UA pin=133, data=1/5, cur=-300.00, code= 7513
IM_250UA pin=133, data=2/5, cur=-150.00, code=19631
IM_250UA pin=133, data=3/5, cur= 0.00, code=31761
IM_250UA pin=133, data=4/5, cur= 150.00, code=43892
IM_250UA pin=133, data=5/5, cur= 300.00, code=56046
VM pin=133, data=1/4, volt=-1.5000, code=11496
VM pin=133, data=2/4, volt= 0.0000, code=17380
VM pin=133, data=3/4, volt= 3.0000, code=29142

VM pin=133, data=4/4, volt= 6.0000, code=40908
RPATH pin=133, R=1.59, V1=-0.0028, I1= 1.994, V2=-0.0314, I2= 19.993
CC_10UA_I1 pin=134, data=1/4, code= 621, cur= 1.036
CC_10UA_I1 pin=134, data=2/4, code=1287, cur= 2.535
CC_10UA_I1 pin=134, data=3/4, code=3509, cur= 7.510
CC_10UA_I1 pin=134, data=4/4, code=4620, cur= 10.008
CC_10UA_I2 pin=134, data=1/4, code= 354, cur= 0.084
CC_10UA_I2 pin=134, data=2/4, code= 910, cur= 2.521
CC_10UA_I2 pin=134, data=3/4, code=2021, cur= 7.404
CC_10UA_I2 pin=134, data=4/4, code=2576, cur= 9.838
CC_10UA_IM pin=134, I1code=5506, I2code=5624
CC_250UA_I1 pin=134, data=1/4, code= 284, cur= 8.63
CC_250UA_I1 pin=134, data=2/4, code=1511, cur= 77.26
CC_250UA_I1 pin=134, data=3/4, code=4178, cur= 225.53
CC_250UA_I1 pin=134, data=4/4, code=5512, cur= 298.99
CC_250UA_I2 pin=134, data=1/4, code= 409, cur= 10.44
CC_250UA_I2 pin=134, data=2/4, code=1022, cur= 77.07
CC_250UA_I2 pin=134, data=3/4, code=2355, cur= 222.04
CC_250UA_I2 pin=134, data=4/4, code=3022, cur= 294.48
CC_250UA_IM pin=134, I1code=6075, I2code=6211
ALD_I1 pin=134, data=1/2, code= 510, cur= 1.318
ALD_I1 pin=134, data=2/2, code=4109, cur= 18.747
ALD_I2 pin=134, data=1/2, code= 510, cur= 1.783
ALD_I2 pin=134, data=2/2, code=4109, cur= 19.795
IM_10UA pin=134, data=1/5, cur=-10.000, code= 9373
IM_10UA pin=134, data=2/5, cur= -5.000, code=19165
IM_10UA pin=134, data=3/5, cur= 0.000, code=28949
IM_10UA pin=134, data=4/5, cur= 5.000, code=38765
IM_10UA pin=134, data=5/5, cur= 10.000, code=48642
IM_10UA pin=134, data=1/3, v=-2.0000, cur=1.22249e-05, code=28973
IM_10UA pin=134, data=2/3, v= 0.0000, cur=0.00000e+00, code=28949
IM_10UA pin=134, data=3/3, v= 5.0000, cur=-3.73058e-05, code=28876
IM_250UA pin=134, data=1/5, cur=-300.00, code= 7888
IM_250UA pin=134, data=2/5, cur=-150.00, code=19792
IM_250UA pin=134, data=3/5, cur= 0.00, code=31750
IM_250UA pin=134, data=4/5, cur= 150.00, code=43720

IM_250UA pin=134, data=5/5, cur= 300.00, code=55723
VM pin=134, data=1/4, volt=-1.5000, code=11458
VM pin=134, data=2/4, volt= 0.0000, code=17338
VM pin=134, data=3/4, volt= 3.0000, code=29092
VM pin=134, data=4/4, volt= 6.0000, code=40853
RPATH pin=134, R=1.59, V1=-0.0033, I1= 1.995, V2=-0.0319, I2= 19.997
CC_10UA_I1 pin=135, data=1/4, code= 621, cur= 1.095
CC_10UA_I1 pin=135, data=2/4, code=1287, cur= 2.602
CC_10UA_I1 pin=135, data=3/4, code=3509, cur= 7.614
CC_10UA_I1 pin=135, data=4/4, code=4620, cur= 10.127
CC_10UA_I2 pin=135, data=1/4, code= 354, cur= 0.015
CC_10UA_I2 pin=135, data=2/4, code= 910, cur= 2.462
CC_10UA_I2 pin=135, data=3/4, code=2021, cur= 7.354
CC_10UA_I2 pin=135, data=4/4, code=2576, cur= 9.794
CC_10UA_IM pin=135, I1code=5448, I2code=5636
CC_250UA_I1 pin=135, data=1/4, code= 284, cur= 9.77
CC_250UA_I1 pin=135, data=2/4, code=1511, cur= 79.27
CC_250UA_I1 pin=135, data=3/4, code=4178, cur= 229.42
CC_250UA_I1 pin=135, data=4/4, code=5512, cur= 303.73
CC_250UA_I2 pin=135, data=1/4, code= 409, cur= 8.91
CC_250UA_I2 pin=135, data=2/4, code=1022, cur= 76.12
CC_250UA_I2 pin=135, data=3/4, code=2355, cur= 222.21
CC_250UA_I2 pin=135, data=4/4, code=3022, cur= 295.06
CC_250UA_IM pin=135, I1code=5984, I2code=6176
ALD_I1 pin=135, data=1/2, code= 510, cur= 1.405
ALD_I1 pin=135, data=2/2, code=4109, cur= 18.843
ALD_I2 pin=135, data=1/2, code= 510, cur= 1.686
ALD_I2 pin=135, data=2/2, code=4109, cur= 19.649
IM_10UA pin=135, data=1/5, cur=-10.000, code= 9004
IM_10UA pin=135, data=2/5, cur= -5.000, code=19155
IM_10UA pin=135, data=3/5, cur= 0.000, code=29241
IM_10UA pin=135, data=4/5, cur= 5.000, code=39327
IM_10UA pin=135, data=5/5, cur= 10.000, code=49456
IM_10UA pin=135, data=1/3, v=-2.0000, cur=1.58636e-05, code=29273
IM_10UA pin=135, data=2/3, v= 0.0000, cur=0.00000e+00, code=29241
IM_10UA pin=135, data=3/3, v= 5.0000, cur=-3.42058e-05, code=29172

IM_250UA pin=135, data=1/5, cur=-300.00, code= 7439
IM_250UA pin=135, data=2/5, cur=-150.00, code=19481
IM_250UA pin=135, data=3/5, cur= 0.00, code=31520
IM_250UA pin=135, data=4/5, cur= 150.00, code=43553
IM_250UA pin=135, data=5/5, cur= 300.00, code=55611
VM pin=135, data=1/4, volt=-1.5000, code=11385
VM pin=135, data=2/4, volt= 0.0000, code=17286
VM pin=135, data=3/4, volt= 3.0000, code=29085
VM pin=135, data=4/4, volt= 6.0000, code=40890
RPATH pin=135, R=1.58, V1=-0.0031, I1= 1.998, V2=-0.0315, I2= 20.000
CC_10UA_I1 pin=136, data=1/4, code= 621, cur= 0.953
CC_10UA_I1 pin=136, data=2/4, code=1287, cur= 2.478
CC_10UA_I1 pin=136, data=3/4, code=3509, cur= 7.536
CC_10UA_I1 pin=136, data=4/4, code=4620, cur= 10.077
CC_10UA_I2 pin=136, data=1/4, code= 354, cur= -0.007
CC_10UA_I2 pin=136, data=2/4, code= 910, cur= 2.437
CC_10UA_I2 pin=136, data=3/4, code=2021, cur= 7.337
CC_10UA_I2 pin=136, data=4/4, code=2576, cur= 9.781
CC_10UA_IM pin=136, I1code=5461, I2code=5625
CC_250UA_I1 pin=136, data=1/4, code= 284, cur= 5.76
CC_250UA_I1 pin=136, data=2/4, code=1511, cur= 75.65
CC_250UA_I1 pin=136, data=3/4, code=4178, cur= 226.96
CC_250UA_I1 pin=136, data=4/4, code=5512, cur= 301.87
CC_250UA_I2 pin=136, data=1/4, code= 409, cur= 8.20
CC_250UA_I2 pin=136, data=2/4, code=1022, cur= 75.15
CC_250UA_I2 pin=136, data=3/4, code=2355, cur= 221.55
CC_250UA_I2 pin=136, data=4/4, code=3022, cur= 294.85
CC_250UA_IM pin=136, I1code=6013, I2code=6151
ALD_I1 pin=136, data=1/2, code= 510, cur= 1.377
ALD_I1 pin=136, data=2/2, code=4109, cur= 18.980
ALD_I2 pin=136, data=1/2, code= 510, cur= 1.710
ALD_I2 pin=136, data=2/2, code=4109, cur= 19.848
IM_10UA pin=136, data=1/5, cur=-10.000, code= 8624
IM_10UA pin=136, data=2/5, cur= -5.000, code=18462
IM_10UA pin=136, data=3/5, cur= 0.000, code=28254
IM_10UA pin=136, data=4/5, cur= 5.000, code=38064

IM_10UA pin=136, data=5/5, cur= 10.000, code=47931
IM_10UA pin=136, data=1/3, v=-2.0000, cur=1.68196e-05, code=28287
IM_10UA pin=136, data=2/3, v= 0.0000, cur=0.00000e+00, code=28254
IM_10UA pin=136, data=3/3, v= 5.0000, cur=-3.31904e-05, code=28189
IM_250UA pin=136, data=1/5, cur=-300.00, code= 7104
IM_250UA pin=136, data=2/5, cur=-150.00, code=18913
IM_250UA pin=136, data=3/5, cur= 0.00, code=30753
IM_250UA pin=136, data=4/5, cur= 150.00, code=42605
IM_250UA pin=136, data=5/5, cur= 300.00, code=54486
VM pin=136, data=1/4, volt=-1.5000, code=11515
VM pin=136, data=2/4, volt= 0.0000, code=17416
VM pin=136, data=3/4, volt= 3.0000, code=29212
VM pin=136, data=4/4, volt= 6.0000, code=41016
RPATH pin=136, R=1.62, V1=-0.0031, I1= 1.996, V2=-0.0323, I2= 20.000
CC_10UA_I1 pin=137, data=1/4, code= 621, cur= 0.979
CC_10UA_I1 pin=137, data=2/4, code=1287, cur= 2.505
CC_10UA_I1 pin=137, data=3/4, code=3509, cur= 7.575
CC_10UA_I1 pin=137, data=4/4, code=4620, cur= 10.120
CC_10UA_I2 pin=137, data=1/4, code= 354, cur= -0.019
CC_10UA_I2 pin=137, data=2/4, code= 910, cur= 2.446
CC_10UA_I2 pin=137, data=3/4, code=2021, cur= 7.372
CC_10UA_I2 pin=137, data=4/4, code=2576, cur= 9.822
CC_10UA_IM pin=137, I1code=5441, I2code=5610
CC_250UA_I1 pin=137, data=1/4, code= 284, cur= 6.85
CC_250UA_I1 pin=137, data=2/4, code=1511, cur= 77.04
CC_250UA_I1 pin=137, data=3/4, code=4178, cur= 228.52
CC_250UA_I1 pin=137, data=4/4, code=5512, cur= 303.57
CC_250UA_I2 pin=137, data=1/4, code= 409, cur= 8.03
CC_250UA_I2 pin=137, data=2/4, code=1022, cur= 75.77
CC_250UA_I2 pin=137, data=3/4, code=2355, cur= 223.34
CC_250UA_I2 pin=137, data=4/4, code=3022, cur= 297.25
CC_250UA_IM pin=137, I1code=5982, I2code=6110
ALD_I1 pin=137, data=1/2, code= 510, cur= 1.186
ALD_I1 pin=137, data=2/2, code=4109, cur= 18.684
ALD_I2 pin=137, data=1/2, code= 510, cur= 1.208
ALD_I2 pin=137, data=2/2, code=4109, cur= 19.262

IM_10UA pin=137, data=1/5, cur=-10.000, code= 9408
IM_10UA pin=137, data=2/5, cur= -5.000, code=19400
IM_10UA pin=137, data=3/5, cur= 0.000, code=29339
IM_10UA pin=137, data=4/5, cur= 5.000, code=39289
IM_10UA pin=137, data=5/5, cur= 10.000, code=49291
IM_10UA pin=137, data=1/3, v=-2.0000, cur=6.03015e-06, code=29351
IM_10UA pin=137, data=2/3, v= 0.0000, cur=0.00000e+00, code=29339
IM_10UA pin=137, data=3/3, v= 5.0000, cur=-5.03069e-05, code=29239
IM_250UA pin=137, data=1/5, cur=-300.00, code= 7862
IM_250UA pin=137, data=2/5, cur=-150.00, code=19786
IM_250UA pin=137, data=3/5, cur= 0.00, code=31731
IM_250UA pin=137, data=4/5, cur= 150.00, code=43676
IM_250UA pin=137, data=5/5, cur= 300.00, code=55645
VM pin=137, data=1/4, volt=-1.5000, code=11668
VM pin=137, data=2/4, volt= 0.0000, code=17606
VM pin=137, data=3/4, volt= 3.0000, code=29476
VM pin=137, data=4/4, volt= 6.0000, code=41351
RPATH pin=137, R=1.57, V1=-0.0030, I1= 1.993, V2=-0.0313, I2= 20.003
CC_10UA_I1 pin=138, data=1/4, code= 621, cur= 1.106
CC_10UA_I1 pin=138, data=2/4, code=1287, cur= 2.625
CC_10UA_I1 pin=138, data=3/4, code=3509, cur= 7.676
CC_10UA_I1 pin=138, data=4/4, code=4620, cur= 10.209
CC_10UA_I2 pin=138, data=1/4, code= 354, cur= 0.122
CC_10UA_I2 pin=138, data=2/4, code= 910, cur= 2.640
CC_10UA_I2 pin=138, data=3/4, code=2021, cur= 7.674
CC_10UA_I2 pin=138, data=4/4, code=2576, cur= 10.179
CC_10UA_IM pin=138, I1code=5405, I2code=5473
CC_250UA_I1 pin=138, data=1/4, code= 284, cur= 9.68
CC_250UA_I1 pin=138, data=2/4, code=1511, cur= 79.57
CC_250UA_I1 pin=138, data=3/4, code=4178, cur= 230.86
CC_250UA_I1 pin=138, data=4/4, code=5512, cur= 305.91
CC_250UA_I2 pin=138, data=1/4, code= 409, cur= 11.46
CC_250UA_I2 pin=138, data=2/4, code=1022, cur= 79.41
CC_250UA_I2 pin=138, data=3/4, code=2355, cur= 227.15
CC_250UA_I2 pin=138, data=4/4, code=3022, cur= 301.12
CC_250UA_IM pin=138, I1code=5940, I2code=6075

ALD_I1 pin=138, data=1/2, code= 510, cur= 1.409
ALD_I1 pin=138, data=2/2, code=4109, cur= 18.839
ALD_I2 pin=138, data=1/2, code= 510, cur= 1.490
ALD_I2 pin=138, data=2/2, code=4109, cur= 19.635
IM_10UA pin=138, data=1/5, cur=-10.000, code= 9401
IM_10UA pin=138, data=2/5, cur= -5.000, code=19351
IM_10UA pin=138, data=3/5, cur= 0.000, code=29246
IM_10UA pin=138, data=4/5, cur= 5.000, code=39151
IM_10UA pin=138, data=5/5, cur= 10.000, code=49102
IM_10UA pin=138, data=1/3, v=-2.0000, cur=3.53357e-06, code=29253
IM_10UA pin=138, data=2/3, v= 0.0000, cur=0.00000e+00, code=29246
IM_10UA pin=138, data=3/3, v= 5.0000, cur=-3.89085e-05, code=29169
IM_250UA pin=138, data=1/5, cur=-300.00, code= 7861
IM_250UA pin=138, data=2/5, cur=-150.00, code=19747
IM_250UA pin=138, data=3/5, cur= 0.00, code=31646
IM_250UA pin=138, data=4/5, cur= 150.00, code=43546
IM_250UA pin=138, data=5/5, cur= 300.00, code=55473
VM pin=138, data=1/4, volt=-1.5000, code=11686
VM pin=138, data=2/4, volt= 0.0000, code=17604
VM pin=138, data=3/4, volt= 3.0000, code=29431
VM pin=138, data=4/4, volt= 6.0000, code=41263
RPATH pin=138, R=1.58, V1=-0.0030, I1= 1.992, V2=-0.0314, I2= 19.999
CC_10UA_I1 pin=139, data=1/4, code= 621, cur= 0.927
CC_10UA_I1 pin=139, data=2/4, code=1287, cur= 2.456
CC_10UA_I1 pin=139, data=3/4, code=3509, cur= 7.536
CC_10UA_I1 pin=139, data=4/4, code=4620, cur= 10.084
CC_10UA_I2 pin=139, data=1/4, code= 354, cur= 0.110
CC_10UA_I2 pin=139, data=2/4, code= 910, cur= 2.614
CC_10UA_I2 pin=139, data=3/4, code=2021, cur= 7.631
CC_10UA_I2 pin=139, data=4/4, code=2576, cur= 10.133
CC_10UA_IM pin=139, I1code=5455, I2code=5482
CC_250UA_I1 pin=139, data=1/4, code= 284, cur= 5.81
CC_250UA_I1 pin=139, data=2/4, code=1511, cur= 76.22
CC_250UA_I1 pin=139, data=3/4, code=4178, cur= 228.33
CC_250UA_I1 pin=139, data=4/4, code=5512, cur= 303.73
CC_250UA_I2 pin=139, data=1/4, code= 409, cur= 11.61

CC_250UA_I2 pin=139, data=2/4, code=1022, cur= 80.73
CC_250UA_I2 pin=139, data=3/4, code=2355, cur= 230.94
CC_250UA_I2 pin=139, data=4/4, code=3022, cur= 306.00
CC_250UA_IM pin=139, I1code=5977, I2code=5986
ALD_I1 pin=139, data=1/2, code= 510, cur= 1.350
ALD_I1 pin=139, data=2/2, code=4109, cur= 18.973
ALD_I2 pin=139, data=1/2, code= 510, cur= 1.498
ALD_I2 pin=139, data=2/2, code=4109, cur= 19.659
IM_10UA pin=139, data=1/5, cur=-10.000, code= 9201
IM_10UA pin=139, data=2/5, cur= -5.000, code=18979
IM_10UA pin=139, data=3/5, cur= 0.000, code=28718
IM_10UA pin=139, data=4/5, cur= 5.000, code=38475
IM_10UA pin=139, data=5/5, cur= 10.000, code=48284
IM_10UA pin=139, data=1/3, v=-2.0000, cur=1.79358e-05, code=28753
IM_10UA pin=139, data=2/3, v= 0.0000, cur=0.00000e+00, code=28718
IM_10UA pin=139, data=3/3, v= 5.0000, cur=-4.36390e-05, code=28633
IM_250UA pin=139, data=1/5, cur=-300.00, code= 7685
IM_250UA pin=139, data=2/5, cur=-150.00, code=19446
IM_250UA pin=139, data=3/5, cur= 0.00, code=31244
IM_250UA pin=139, data=4/5, cur= 150.00, code=43049
IM_250UA pin=139, data=5/5, cur= 300.00, code=54884
VM pin=139, data=1/4, volt=-1.5000, code=11743
VM pin=139, data=2/4, volt= 0.0000, code=17640
VM pin=139, data=3/4, volt= 3.0000, code=29426
VM pin=139, data=4/4, volt= 6.0000, code=41218
RPATH pin=139, R=1.57, V1=-0.0031, I1= 1.995, V2=-0.0313, I2= 19.997
CC_10UA_I1 pin=140, data=1/4, code= 621, cur= 1.027
CC_10UA_I1 pin=140, data=2/4, code=1287, cur= 2.562
CC_10UA_I1 pin=140, data=3/4, code=3509, cur= 7.663
CC_10UA_I1 pin=140, data=4/4, code=4620, cur= 10.222
CC_10UA_I2 pin=140, data=1/4, code= 354, cur= 0.130
CC_10UA_I2 pin=140, data=2/4, code= 910, cur= 2.686
CC_10UA_I2 pin=140, data=3/4, code=2021, cur= 7.793
CC_10UA_I2 pin=140, data=4/4, code=2576, cur= 10.334
CC_10UA_IM pin=140, I1code=5392, I2code=5399
CC_250UA_I1 pin=140, data=1/4, code= 284, cur= 7.62

CC_250UA_I1 pin=140, data=2/4, code=1511, cur= 78.08
CC_250UA_I1 pin=140, data=3/4, code=4178, cur= 230.42
CC_250UA_I1 pin=140, data=4/4, code=5512, cur= 305.95
CC_250UA_I2 pin=140, data=1/4, code= 409, cur= 11.89
CC_250UA_I2 pin=140, data=2/4, code=1022, cur= 80.51
CC_250UA_I2 pin=140, data=3/4, code=2355, cur= 228.63
CC_250UA_I2 pin=140, data=4/4, code=3022, cur= 302.20
CC_250UA_IM pin=140, I1code=5937, I2code=6112
ALD_I1 pin=140, data=1/2, code= 510, cur= 1.407
ALD_I1 pin=140, data=2/2, code=4109, cur= 19.096
ALD_I2 pin=140, data=1/2, code= 510, cur= 1.741
ALD_I2 pin=140, data=2/2, code=4109, cur= 19.876
IM_10UA pin=140, data=1/5, cur=-10.000, code= 9105
IM_10UA pin=140, data=2/5, cur= -5.000, code=18894
IM_10UA pin=140, data=3/5, cur= 0.000, code=28652
IM_10UA pin=140, data=4/5, cur= 5.000, code=38428
IM_10UA pin=140, data=5/5, cur= 10.000, code=48269
IM_10UA pin=140, data=1/3, v=-2.0000, cur=1.48322e-05, code=28681
IM_10UA pin=140, data=2/3, v= 0.0000, cur=0.00000e+00, code=28652
IM_10UA pin=140, data=3/3, v= 5.0000, cur=-4.56036e-05, code=28563
IM_250UA pin=140, data=1/5, cur=-300.00, code= 7587
IM_250UA pin=140, data=2/5, cur=-150.00, code=19397
IM_250UA pin=140, data=3/5, cur= 0.00, code=31247
IM_250UA pin=140, data=4/5, cur= 150.00, code=43097
IM_250UA pin=140, data=5/5, cur= 300.00, code=54972
VM pin=140, data=1/4, volt=-1.5000, code=11481
VM pin=140, data=2/4, volt= 0.0000, code=17394
VM pin=140, data=3/4, volt= 3.0000, code=29214
VM pin=140, data=4/4, volt= 6.0000, code=41038
RPATH pin=140, R=1.55, V1=-0.0028, I1= 1.994, V2=-0.0307, I2= 19.996
CC_10UA_I1 pin=141, data=1/4, code= 621, cur= 1.020
CC_10UA_I1 pin=141, data=2/4, code=1287, cur= 2.505
CC_10UA_I1 pin=141, data=3/4, code=3509, cur= 7.447
CC_10UA_I1 pin=141, data=4/4, code=4620, cur= 9.926
CC_10UA_I2 pin=141, data=1/4, code= 354, cur= -0.028
CC_10UA_I2 pin=141, data=2/4, code= 910, cur= 2.374

CC_10UA_I2 pin=141, data=3/4, code=2021, cur= 7.201
CC_10UA_I2 pin=141, data=4/4, code=2576, cur= 9.604
CC_10UA_IM pin=141, I1code=5549, I2code=5721
CC_250UA_I1 pin=141, data=1/4, code= 284, cur= 8.15
CC_250UA_I1 pin=141, data=2/4, code=1511, cur= 76.82
CC_250UA_I1 pin=141, data=3/4, code=4178, cur= 225.28
CC_250UA_I1 pin=141, data=4/4, code=5512, cur= 298.89
CC_250UA_I2 pin=141, data=1/4, code= 409, cur= 7.72
CC_250UA_I2 pin=141, data=2/4, code=1022, cur= 74.24
CC_250UA_I2 pin=141, data=3/4, code=2355, cur= 218.42
CC_250UA_I2 pin=141, data=4/4, code=3022, cur= 290.10
CC_250UA_IM pin=141, I1code=6076, I2code=6286
ALD_I1 pin=141, data=1/2, code= 510, cur= 1.457
ALD_I1 pin=141, data=2/2, code=4109, cur= 18.774
ALD_I2 pin=141, data=1/2, code= 510, cur= 1.473
ALD_I2 pin=141, data=2/2, code=4109, cur= 19.384
IM_10UA pin=141, data=1/5, cur=-10.000, code= 9164
IM_10UA pin=141, data=2/5, cur= -5.000, code=19114
IM_10UA pin=141, data=3/5, cur= 0.000, code=29034
IM_10UA pin=141, data=4/5, cur= 5.000, code=38981
IM_10UA pin=141, data=5/5, cur= 10.000, code=48982
IM_10UA pin=141, data=1/3, v=-2.0000, cur=9.55062e-06, code=29053
IM_10UA pin=141, data=2/3, v= 0.0000, cur=0.00000e+00, code=29034
IM_10UA pin=141, data=3/3, v= 5.0000, cur=-4.28427e-05, code=28949
IM_250UA pin=141, data=1/5, cur=-300.00, code= 7615
IM_250UA pin=141, data=2/5, cur=-150.00, code=19624
IM_250UA pin=141, data=3/5, cur= 0.00, code=31686
IM_250UA pin=141, data=4/5, cur= 150.00, code=43760
IM_250UA pin=141, data=5/5, cur= 300.00, code=55865
VM pin=141, data=1/4, volt=-1.5000, code=11540
VM pin=141, data=2/4, volt= 0.0000, code=17419
VM pin=141, data=3/4, volt= 3.0000, code=29176
VM pin=141, data=4/4, volt= 6.0000, code=40938
RPATH pin=141, R=1.57, V1=-0.0028, I1= 1.993, V2=-0.0311, I2= 19.999
CC_10UA_I1 pin=142, data=1/4, code= 621, cur= 0.969
CC_10UA_I1 pin=142, data=2/4, code=1287, cur= 2.478

CC_10UA_I1 pin=142, data=3/4, code=3509, cur= 7.497
CC_10UA_I1 pin=142, data=4/4, code=4620, cur= 10.012
CC_10UA_I2 pin=142, data=1/4, code= 354, cur= 0.037
CC_10UA_I2 pin=142, data=2/4, code= 910, cur= 2.529
CC_10UA_I2 pin=142, data=3/4, code=2021, cur= 7.495
CC_10UA_I2 pin=142, data=4/4, code=2576, cur= 9.969
CC_10UA_IM pin=142, I1code=5498, I2code=5565
CC_250UA_I1 pin=142, data=1/4, code= 284, cur= 7.59
CC_250UA_I1 pin=142, data=2/4, code=1511, cur= 76.89
CC_250UA_I1 pin=142, data=3/4, code=4178, cur= 226.66
CC_250UA_I1 pin=142, data=4/4, code=5512, cur= 300.93
CC_250UA_I2 pin=142, data=1/4, code= 409, cur= 9.16
CC_250UA_I2 pin=142, data=2/4, code=1022, cur= 75.88
CC_250UA_I2 pin=142, data=3/4, code=2355, cur= 221.00
CC_250UA_I2 pin=142, data=4/4, code=3022, cur= 293.51
CC_250UA_IM pin=142, I1code=6034, I2code=6207
ALD_I1 pin=142, data=1/2, code= 510, cur= 1.394
ALD_I1 pin=142, data=2/2, code=4109, cur= 18.759
ALD_I2 pin=142, data=1/2, code= 510, cur= 1.475
ALD_I2 pin=142, data=2/2, code=4109, cur= 19.400
IM_10UA pin=142, data=1/5, cur=-10.000, code= 9384
IM_10UA pin=142, data=2/5, cur= -5.000, code=19339
IM_10UA pin=142, data=3/5, cur= 0.000, code=29252
IM_10UA pin=142, data=4/5, cur= 5.000, code=39183
IM_10UA pin=142, data=5/5, cur= 10.000, code=49173
IM_10UA pin=142, data=1/3, v=-2.0000, cur=9.06253e-06, code=29270
IM_10UA pin=142, data=2/3, v= 0.0000, cur=0.00000e+00, code=29252
IM_10UA pin=142, data=3/3, v= 5.0000, cur=-4.23686e-05, code=29168
IM_250UA pin=142, data=1/5, cur=-300.00, code= 7849
IM_250UA pin=142, data=2/5, cur=-150.00, code=19813
IM_250UA pin=142, data=3/5, cur= 0.00, code=31816
IM_250UA pin=142, data=4/5, cur= 150.00, code=43819
IM_250UA pin=142, data=5/5, cur= 300.00, code=55857
VM pin=142, data=1/4, volt=-1.5000, code=11865
VM pin=142, data=2/4, volt= 0.0000, code=17741
VM pin=142, data=3/4, volt= 3.0000, code=29486

VM pin=142, data=4/4, volt= 6.0000, code=41235
RPATH pin=142, R=1.57, V1=-0.0031, I1= 1.998, V2=-0.0314, I2= 20.000
CC_10UA_I1 pin=143, data=1/4, code= 621, cur= 1.096
CC_10UA_I1 pin=143, data=2/4, code=1287, cur= 2.624
CC_10UA_I1 pin=143, data=3/4, code=3509, cur= 7.698
CC_10UA_I1 pin=143, data=4/4, code=4620, cur= 10.246
CC_10UA_I2 pin=143, data=1/4, code= 354, cur= 0.066
CC_10UA_I2 pin=143, data=2/4, code= 910, cur= 2.536
CC_10UA_I2 pin=143, data=3/4, code=2021, cur= 7.490
CC_10UA_I2 pin=143, data=4/4, code=2576, cur= 9.956
CC_10UA_IM pin=143, I1code=5385, I2code=5561
CC_250UA_I1 pin=143, data=1/4, code= 284, cur= 9.97
CC_250UA_I1 pin=143, data=2/4, code=1511, cur= 80.15
CC_250UA_I1 pin=143, data=3/4, code=4178, cur= 231.34
CC_250UA_I1 pin=143, data=4/4, code=5512, cur= 306.16
CC_250UA_I2 pin=143, data=1/4, code= 409, cur= 10.25
CC_250UA_I2 pin=143, data=2/4, code=1022, cur= 78.45
CC_250UA_I2 pin=143, data=3/4, code=2355, cur= 226.77
CC_250UA_I2 pin=143, data=4/4, code=3022, cur= 301.06
CC_250UA_IM pin=143, I1code=5937, I2code=6062
ALD_I1 pin=143, data=1/2, code= 510, cur= 1.493
ALD_I1 pin=143, data=2/2, code=4109, cur= 18.819
ALD_I2 pin=143, data=1/2, code= 510, cur= 1.499
ALD_I2 pin=143, data=2/2, code=4109, cur= 19.537
IM_10UA pin=143, data=1/5, cur=-10.000, code= 8965
IM_10UA pin=143, data=2/5, cur= -5.000, code=18834
IM_10UA pin=143, data=3/5, cur= 0.000, code=28657
IM_10UA pin=143, data=4/5, cur= 5.000, code=38491
IM_10UA pin=143, data=5/5, cur= 10.000, code=48382
IM_10UA pin=143, data=1/3, v=-2.0000, cur=1.77954e-05, code=28692
IM_10UA pin=143, data=2/3, v= 0.0000, cur=0.00000e+00, code=28657
IM_10UA pin=143, data=3/3, v= 5.0000, cur=-4.98829e-05, code=28559
IM_250UA pin=143, data=1/5, cur=-300.00, code= 7435
IM_250UA pin=143, data=2/5, cur=-150.00, code=19287
IM_250UA pin=143, data=3/5, cur= 0.00, code=31181
IM_250UA pin=143, data=4/5, cur= 150.00, code=43085

IM_250UA pin=143, data=5/5, cur= 300.00, code=55018
VM pin=143, data=1/4, volt=-1.5000, code=11599
VM pin=143, data=2/4, volt= 0.0000, code=17461
VM pin=143, data=3/4, volt= 3.0000, code=29180
VM pin=143, data=4/4, volt= 6.0000, code=40906
RPATH pin=143, R=1.53, V1=-0.0033, I1= 1.991, V2=-0.0310, I2= 19.997
CC_10UA_I1 pin=144, data=1/4, code= 621, cur= 1.075
CC_10UA_I1 pin=144, data=2/4, code=1287, cur= 2.593
CC_10UA_I1 pin=144, data=3/4, code=3509, cur= 7.641
CC_10UA_I1 pin=144, data=4/4, code=4620, cur= 10.168
CC_10UA_I2 pin=144, data=1/4, code= 354, cur= 0.088
CC_10UA_I2 pin=144, data=2/4, code= 910, cur= 2.587
CC_10UA_I2 pin=144, data=3/4, code=2021, cur= 7.594
CC_10UA_I2 pin=144, data=4/4, code=2576, cur= 10.082
CC_10UA_IM pin=144, I1code=5425, I2code=5509
CC_250UA_I1 pin=144, data=1/4, code= 284, cur= 9.00
CC_250UA_I1 pin=144, data=2/4, code=1511, cur= 78.74
CC_250UA_I1 pin=144, data=3/4, code=4178, cur= 229.31
CC_250UA_I1 pin=144, data=4/4, code=5512, cur= 303.85
CC_250UA_I2 pin=144, data=1/4, code= 409, cur= 10.60
CC_250UA_I2 pin=144, data=2/4, code=1022, cur= 78.40
CC_250UA_I2 pin=144, data=3/4, code=2355, cur= 225.37
CC_250UA_I2 pin=144, data=4/4, code=3022, cur= 298.75
CC_250UA_IM pin=144, I1code=5980, I2code=6134
ALD_I1 pin=144, data=1/2, code= 510, cur= 1.410
ALD_I1 pin=144, data=2/2, code=4109, cur= 18.950
ALD_I2 pin=144, data=1/2, code= 510, cur= 1.817
ALD_I2 pin=144, data=2/2, code=4109, cur= 19.919
IM_10UA pin=144, data=1/5, cur=-10.000, code= 9186
IM_10UA pin=144, data=2/5, cur= -5.000, code=18898
IM_10UA pin=144, data=3/5, cur= 0.000, code=28578
IM_10UA pin=144, data=4/5, cur= 5.000, code=38277
IM_10UA pin=144, data=5/5, cur= 10.000, code=48036
IM_10UA pin=144, data=1/3, v=-2.0000, cur=1.54655e-05, code=28608
IM_10UA pin=144, data=2/3, v= 0.0000, cur=0.00000e+00, code=28578
IM_10UA pin=144, data=3/3, v= 5.0000, cur=-4.49380e-05, code=28491

IM_250UA pin=144, data=1/5, cur=-300.00, code= 7690
IM_250UA pin=144, data=2/5, cur=-150.00, code=19408
IM_250UA pin=144, data=3/5, cur= 0.00, code=31175
IM_250UA pin=144, data=4/5, cur= 150.00, code=42950
IM_250UA pin=144, data=5/5, cur= 300.00, code=54757
VM pin=144, data=1/4, volt=-1.5000, code=11755
VM pin=144, data=2/4, volt= 0.0000, code=17609
VM pin=144, data=3/4, volt= 3.0000, code=29312
VM pin=144, data=4/4, volt= 6.0000, code=41020
RPATH pin=144, R=1.58, V1=-0.0031, I1= 1.996, V2=-0.0315, I2= 20.000
CC_10UA_I1 pin=145, data=1/4, code= 621, cur= 1.079
CC_10UA_I1 pin=145, data=2/4, code=1287, cur= 2.606
CC_10UA_I1 pin=145, data=3/4, code=3509, cur= 7.685
CC_10UA_I1 pin=145, data=4/4, code=4620, cur= 10.233
CC_10UA_I2 pin=145, data=1/4, code= 354, cur= 0.254
CC_10UA_I2 pin=145, data=2/4, code= 910, cur= 2.719
CC_10UA_I2 pin=145, data=3/4, code=2021, cur= 7.678
CC_10UA_I2 pin=145, data=4/4, code=2576, cur= 10.138
CC_10UA_IM pin=145, I1code=5390, I2code=5517
CC_250UA_I1 pin=145, data=1/4, code= 284, cur= 9.73
CC_250UA_I1 pin=145, data=2/4, code=1511, cur= 80.03
CC_250UA_I1 pin=145, data=3/4, code=4178, cur= 231.61
CC_250UA_I1 pin=145, data=4/4, code=5512, cur= 306.61
CC_250UA_I2 pin=145, data=1/4, code= 409, cur= 14.89
CC_250UA_I2 pin=145, data=2/4, code=1022, cur= 83.33
CC_250UA_I2 pin=145, data=3/4, code=2355, cur= 232.85
CC_250UA_I2 pin=145, data=4/4, code=3022, cur= 308.07
CC_250UA_IM pin=145, I1code=5928, I2code=5952
ALD_I1 pin=145, data=1/2, code= 510, cur= 1.727
ALD_I1 pin=145, data=2/2, code=4109, cur= 19.222
ALD_I2 pin=145, data=1/2, code= 510, cur= 2.043
ALD_I2 pin=145, data=2/2, code=4109, cur= 20.367
IM_10UA pin=145, data=1/5, cur=-10.000, code= 8831
IM_10UA pin=145, data=2/5, cur= -5.000, code=18515
IM_10UA pin=145, data=3/5, cur= 0.000, code=28167
IM_10UA pin=145, data=4/5, cur= 5.000, code=37833

IM_10UA pin=145, data=5/5, cur= 10.000, code=47561
IM_10UA pin=145, data=1/3, v=-2.0000, cur=1.65529e-05, code=28199
IM_10UA pin=145, data=2/3, v= 0.0000, cur=0.00000e+00, code=28167
IM_10UA pin=145, data=3/3, v= 5.0000, cur=-2.79735e-05, code=28113
IM_250UA pin=145, data=1/5, cur=-300.00, code= 7366
IM_250UA pin=145, data=2/5, cur=-150.00, code=19080
IM_250UA pin=145, data=3/5, cur= 0.00, code=30852
IM_250UA pin=145, data=4/5, cur= 150.00, code=42638
IM_250UA pin=145, data=5/5, cur= 300.00, code=54461
VM pin=145, data=1/4, volt=-1.5000, code=11611
VM pin=145, data=2/4, volt= 0.0000, code=17494
VM pin=145, data=3/4, volt= 3.0000, code=29254
VM pin=145, data=4/4, volt= 6.0000, code=41018
RPATH pin=145, R=1.56, V1=-0.0033, I1= 1.996, V2=-0.0314, I2= 19.996
CC_10UA_I1 pin=146, data=1/4, code= 621, cur= 0.997
CC_10UA_I1 pin=146, data=2/4, code=1287, cur= 2.482
CC_10UA_I1 pin=146, data=3/4, code=3509, cur= 7.419
CC_10UA_I1 pin=146, data=4/4, code=4620, cur= 9.896
CC_10UA_I2 pin=146, data=1/4, code= 354, cur= 0.119
CC_10UA_I2 pin=146, data=2/4, code= 910, cur= 2.489
CC_10UA_I2 pin=146, data=3/4, code=2021, cur= 7.246
CC_10UA_I2 pin=146, data=4/4, code=2576, cur= 9.613
CC_10UA_IM pin=146, I1code=5563, I2code=5757
CC_250UA_I1 pin=146, data=1/4, code= 284, cur= 7.79
CC_250UA_I1 pin=146, data=2/4, code=1511, cur= 76.03
CC_250UA_I1 pin=146, data=3/4, code=4178, cur= 223.23
CC_250UA_I1 pin=146, data=4/4, code=5512, cur= 296.12
CC_250UA_I2 pin=146, data=1/4, code= 409, cur= 11.14
CC_250UA_I2 pin=146, data=2/4, code=1022, cur= 76.43
CC_250UA_I2 pin=146, data=3/4, code=2355, cur= 219.32
CC_250UA_I2 pin=146, data=4/4, code=3022, cur= 291.12
CC_250UA_IM pin=146, I1code=6132, I2code=6247
ALD_I1 pin=146, data=1/2, code= 510, cur= 1.423
ALD_I1 pin=146, data=2/2, code=4109, cur= 18.800
ALD_I2 pin=146, data=1/2, code= 510, cur= 1.372
ALD_I2 pin=146, data=2/2, code=4109, cur= 19.381

IM_10UA pin=146, data=1/5, cur=-10.000, code= 8499
IM_10UA pin=146, data=2/5, cur= -5.000, code=18836
IM_10UA pin=146, data=3/5, cur= 0.000, code=29111
IM_10UA pin=146, data=4/5, cur= 5.000, code=39381
IM_10UA pin=146, data=5/5, cur= 10.000, code=49701
IM_10UA pin=146, data=1/3, v=-2.0000, cur=1.26582e-05, code=29137
IM_10UA pin=146, data=2/3, v= 0.0000, cur=0.00000e+00, code=29111
IM_10UA pin=146, data=3/3, v= 5.0000, cur=-2.18978e-05, code=29066
IM_250UA pin=146, data=1/5, cur=-300.00, code= 6871
IM_250UA pin=146, data=2/5, cur=-150.00, code=19168
IM_250UA pin=146, data=3/5, cur= 0.00, code=31474
IM_250UA pin=146, data=4/5, cur= 150.00, code=43776
IM_250UA pin=146, data=5/5, cur= 300.00, code=56094
VM pin=146, data=1/4, volt=-1.5000, code=11407
VM pin=146, data=2/4, volt= 0.0000, code=17266
VM pin=146, data=3/4, volt= 3.0000, code=28979
VM pin=146, data=4/4, volt= 6.0000, code=40698
RPATH pin=146, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0317, I2= 19.999
CC_10UA_I1 pin=147, data=1/4, code= 621, cur= 1.143
CC_10UA_I1 pin=147, data=2/4, code=1287, cur= 2.672
CC_10UA_I1 pin=147, data=3/4, code=3509, cur= 7.754
CC_10UA_I1 pin=147, data=4/4, code=4620, cur= 10.302
CC_10UA_I2 pin=147, data=1/4, code= 354, cur= -0.041
CC_10UA_I2 pin=147, data=2/4, code= 910, cur= 2.488
CC_10UA_I2 pin=147, data=3/4, code=2021, cur= 7.544
CC_10UA_I2 pin=147, data=4/4, code=2576, cur= 10.062
CC_10UA_IM pin=147, I1code=5360, I2code=5480
CC_250UA_I1 pin=147, data=1/4, code= 284, cur= 10.93
CC_250UA_I1 pin=147, data=2/4, code=1511, cur= 81.49
CC_250UA_I1 pin=147, data=3/4, code=4178, cur= 233.95
CC_250UA_I1 pin=147, data=4/4, code=5512, cur= 309.54
CC_250UA_I2 pin=147, data=1/4, code= 409, cur= 7.71
CC_250UA_I2 pin=147, data=2/4, code=1022, cur= 77.28
CC_250UA_I2 pin=147, data=3/4, code=2355, cur= 229.43
CC_250UA_I2 pin=147, data=4/4, code=3022, cur= 305.71
CC_250UA_IM pin=147, I1code=5873, I2code=5927

ALD_I1 pin=147, data=1/2, code= 510, cur= 1.323
ALD_I1 pin=147, data=2/2, code=4109, cur= 18.776
ALD_I2 pin=147, data=1/2, code= 510, cur= 1.481
ALD_I2 pin=147, data=2/2, code=4109, cur= 19.690
IM_10UA pin=147, data=1/5, cur=-10.000, code= 8694
IM_10UA pin=147, data=2/5, cur= -5.000, code=18434
IM_10UA pin=147, data=3/5, cur= 0.000, code=28122
IM_10UA pin=147, data=4/5, cur= 5.000, code=37819
IM_10UA pin=147, data=5/5, cur= 10.000, code=47572
IM_10UA pin=147, data=1/3, v=-2.0000, cur=1.49531e-05, code=28151
IM_10UA pin=147, data=2/3, v= 0.0000, cur=0.00000e+00, code=28122
IM_10UA pin=147, data=3/3, v= 5.0000, cur=-3.45789e-05, code=28055
IM_250UA pin=147, data=1/5, cur=-300.00, code= 7172
IM_250UA pin=147, data=2/5, cur=-150.00, code=18827
IM_250UA pin=147, data=3/5, cur= 0.00, code=30496
IM_250UA pin=147, data=4/5, cur= 150.00, code=42165
IM_250UA pin=147, data=5/5, cur= 300.00, code=53858
VM pin=147, data=1/4, volt=-1.5000, code=11463
VM pin=147, data=2/4, volt= 0.0000, code=17354
VM pin=147, data=3/4, volt= 3.0000, code=29132
VM pin=147, data=4/4, volt= 6.0000, code=40914
RPATH pin=147, R=1.60, V1=-0.0028, I1= 1.991, V2=-0.0316, I2= 19.996
CC_10UA_I1 pin=148, data=1/4, code= 621, cur= 1.011
CC_10UA_I1 pin=148, data=2/4, code=1287, cur= 2.554
CC_10UA_I1 pin=148, data=3/4, code=3509, cur= 7.682
CC_10UA_I1 pin=148, data=4/4, code=4620, cur= 10.256
CC_10UA_I2 pin=148, data=1/4, code= 354, cur= 0.342
CC_10UA_I2 pin=148, data=2/4, code= 910, cur= 2.893
CC_10UA_I2 pin=148, data=3/4, code=2021, cur= 7.987
CC_10UA_I2 pin=148, data=4/4, code=2576, cur= 10.526
CC_10UA_IM pin=148, I1code=5373, I2code=5358
CC_250UA_I1 pin=148, data=1/4, code= 284, cur= 7.42
CC_250UA_I1 pin=148, data=2/4, code=1511, cur= 78.34
CC_250UA_I1 pin=148, data=3/4, code=4178, cur= 231.52
CC_250UA_I1 pin=148, data=4/4, code=5512, cur= 307.50
CC_250UA_I2 pin=148, data=1/4, code= 409, cur= 16.99

CC_250UA_I2 pin=148, data=2/4, code=1022, cur= 85.71
CC_250UA_I2 pin=148, data=3/4, code=2355, cur= 234.10
CC_250UA_I2 pin=148, data=4/4, code=3022, cur= 307.87
CC_250UA_IM pin=148, I1code=5907, I2code=6055
ALD_I1 pin=148, data=1/2, code= 510, cur= 1.539
ALD_I1 pin=148, data=2/2, code=4109, cur= 19.109
ALD_I2 pin=148, data=1/2, code= 510, cur= 1.911
ALD_I2 pin=148, data=2/2, code=4109, cur= 20.199
IM_10UA pin=148, data=1/5, cur=-10.000, code= 9231
IM_10UA pin=148, data=2/5, cur= -5.000, code=18893
IM_10UA pin=148, data=3/5, cur= 0.000, code=28483
IM_10UA pin=148, data=4/5, cur= 5.000, code=38074
IM_10UA pin=148, data=5/5, cur= 10.000, code=47710
IM_10UA pin=148, data=1/3, v=-2.0000, cur=1.61610e-05, code=28514
IM_10UA pin=148, data=2/3, v= 0.0000, cur=0.00000e+00, code=28483
IM_10UA pin=148, data=3/3, v= 5.0000, cur=-2.18978e-05, code=28441
IM_250UA pin=148, data=1/5, cur=-300.00, code= 7726
IM_250UA pin=148, data=2/5, cur=-150.00, code=19232
IM_250UA pin=148, data=3/5, cur= 0.00, code=30755
IM_250UA pin=148, data=4/5, cur= 150.00, code=42277
IM_250UA pin=148, data=5/5, cur= 300.00, code=53825
VM pin=148, data=1/4, volt=-1.5000, code=11513
VM pin=148, data=2/4, volt= 0.0000, code=17368
VM pin=148, data=3/4, volt= 3.0000, code=29072
VM pin=148, data=4/4, volt= 6.0000, code=40779
RPATH pin=148, R=1.58, V1=-0.0031, I1= 2.000, V2=-0.0315, I2= 19.990
CC_10UA_I1 pin=149, data=1/4, code= 621, cur= 1.059
CC_10UA_I1 pin=149, data=2/4, code=1287, cur= 2.608
CC_10UA_I1 pin=149, data=3/4, code=3509, cur= 7.756
CC_10UA_I1 pin=149, data=4/4, code=4620, cur= 10.338
CC_10UA_I2 pin=149, data=1/4, code= 354, cur= 0.021
CC_10UA_I2 pin=149, data=2/4, code= 910, cur= 2.505
CC_10UA_I2 pin=149, data=3/4, code=2021, cur= 7.486
CC_10UA_I2 pin=149, data=4/4, code=2576, cur= 9.971
CC_10UA_IM pin=149, I1code=5335, I2code=5534
CC_250UA_I1 pin=149, data=1/4, code= 284, cur= 7.89

CC_250UA_I1 pin=149, data=2/4, code=1511, cur= 79.17
CC_250UA_I1 pin=149, data=3/4, code=4178, cur= 232.91
CC_250UA_I1 pin=149, data=4/4, code=5512, cur= 308.98
CC_250UA_I2 pin=149, data=1/4, code= 409, cur= 9.19
CC_250UA_I2 pin=149, data=2/4, code=1022, cur= 78.04
CC_250UA_I2 pin=149, data=3/4, code=2355, cur= 228.09
CC_250UA_I2 pin=149, data=4/4, code=3022, cur= 303.13
CC_250UA_IM pin=149, I1code=5881, I2code=6011
ALD_I1 pin=149, data=1/2, code= 510, cur= 1.412
ALD_I1 pin=149, data=2/2, code=4109, cur= 18.733
ALD_I2 pin=149, data=1/2, code= 510, cur= 1.666
ALD_I2 pin=149, data=2/2, code=4109, cur= 19.922
IM_10UA pin=149, data=1/5, cur=-10.000, code= 9143
IM_10UA pin=149, data=2/5, cur= -5.000, code=18767
IM_10UA pin=149, data=3/5, cur= 0.000, code=28342
IM_10UA pin=149, data=4/5, cur= 5.000, code=37927
IM_10UA pin=149, data=5/5, cur= 10.000, code=47565
IM_10UA pin=149, data=1/3, v=-2.0000, cur=1.30412e-05, code=28367
IM_10UA pin=149, data=2/3, v= 0.0000, cur=0.00000e+00, code=28342
IM_10UA pin=149, data=3/3, v= 5.0000, cur=-3.60313e-05, code=28273
IM_250UA pin=149, data=1/5, cur=-300.00, code= 7647
IM_250UA pin=149, data=2/5, cur=-150.00, code=19178
IM_250UA pin=149, data=3/5, cur= 0.00, code=30738
IM_250UA pin=149, data=4/5, cur= 150.00, code=42297
IM_250UA pin=149, data=5/5, cur= 300.00, code=53883
VM pin=149, data=1/4, volt=-1.5000, code=11473
VM pin=149, data=2/4, volt= 0.0000, code=17343
VM pin=149, data=3/4, volt= 3.0000, code=29077
VM pin=149, data=4/4, volt= 6.0000, code=40817
RPATH pin=149, R=1.58, V1=-0.0031, I1= 1.993, V2=-0.0314, I2= 20.000
CC_10UA_I1 pin=150, data=1/4, code= 621, cur= 1.110
CC_10UA_I1 pin=150, data=2/4, code=1287, cur= 2.662
CC_10UA_I1 pin=150, data=3/4, code=3509, cur= 7.819
CC_10UA_I1 pin=150, data=4/4, code=4620, cur= 10.410
CC_10UA_I2 pin=150, data=1/4, code= 354, cur= 0.088
CC_10UA_I2 pin=150, data=2/4, code= 910, cur= 2.638

CC_10UA_I2 pin=150, data=3/4, code=2021, cur= 7.737
CC_10UA_I2 pin=150, data=4/4, code=2576, cur= 10.274
CC_10UA_IM pin=150, I1code=5302, I2code=5408
CC_250UA_I1 pin=150, data=1/4, code= 284, cur= 9.43
CC_250UA_I1 pin=150, data=2/4, code=1511, cur= 80.66
CC_250UA_I1 pin=150, data=3/4, code=4178, cur= 234.28
CC_250UA_I1 pin=150, data=4/4, code=5512, cur= 310.27
CC_250UA_I2 pin=150, data=1/4, code= 409, cur= 10.78
CC_250UA_I2 pin=150, data=2/4, code=1022, cur= 80.24
CC_250UA_I2 pin=150, data=3/4, code=2355, cur= 231.64
CC_250UA_I2 pin=150, data=4/4, code=3022, cur= 307.53
CC_250UA_IM pin=150, I1code=5858, I2code=5928
ALD_I1 pin=150, data=1/2, code= 510, cur= 1.447
ALD_I1 pin=150, data=2/2, code=4109, cur= 18.898
ALD_I2 pin=150, data=1/2, code= 510, cur= 1.937
ALD_I2 pin=150, data=2/2, code=4109, cur= 20.128
IM_10UA pin=150, data=1/5, cur=-10.000, code= 8855
IM_10UA pin=150, data=2/5, cur= -5.000, code=18511
IM_10UA pin=150, data=3/5, cur= 0.000, code=28120
IM_10UA pin=150, data=4/5, cur= 5.000, code=37737
IM_10UA pin=150, data=5/5, cur= 10.000, code=47400
IM_10UA pin=150, data=1/3, v=-2.0000, cur=1.55974e-05, code=28150
IM_10UA pin=150, data=2/3, v= 0.0000, cur=0.00000e+00, code=28120
IM_10UA pin=150, data=3/3, v= 5.0000, cur=-3.38225e-05, code=28055
IM_250UA pin=150, data=1/5, cur=-300.00, code= 7350
IM_250UA pin=150, data=2/5, cur=-150.00, code=18906
IM_250UA pin=150, data=3/5, cur= 0.00, code=30473
IM_250UA pin=150, data=4/5, cur= 150.00, code=42033
IM_250UA pin=150, data=5/5, cur= 300.00, code=53617
VM pin=150, data=1/4, volt=-1.5000, code=11622
VM pin=150, data=2/4, volt= 0.0000, code=17488
VM pin=150, data=3/4, volt= 3.0000, code=29214
VM pin=150, data=4/4, volt= 6.0000, code=40941
RPATH pin=150, R=1.56, V1=-0.0033, I1= 1.998, V2=-0.0315, I2= 19.998
CC_10UA_I1 pin=151, data=1/4, code= 621, cur= 1.171
CC_10UA_I1 pin=151, data=2/4, code=1287, cur= 2.714

CC_10UA_I1 pin=151, data=3/4, code=3509, cur= 7.845
CC_10UA_I1 pin=151, data=4/4, code=4620, cur= 10.420
CC_10UA_I2 pin=151, data=1/4, code= 354, cur= 0.142
CC_10UA_I2 pin=151, data=2/4, code= 910, cur= 2.712
CC_10UA_I2 pin=151, data=3/4, code=2021, cur= 7.840
CC_10UA_I2 pin=151, data=4/4, code=2576, cur= 10.394
CC_10UA_IM pin=151, I1code=5302, I2code=5372
CC_250UA_I1 pin=151, data=1/4, code= 284, cur= 10.13
CC_250UA_I1 pin=151, data=2/4, code=1511, cur= 81.33
CC_250UA_I1 pin=151, data=3/4, code=4178, cur= 235.16
CC_250UA_I1 pin=151, data=4/4, code=5512, cur= 311.34
CC_250UA_I2 pin=151, data=1/4, code= 409, cur= 12.02
CC_250UA_I2 pin=151, data=2/4, code=1022, cur= 82.06
CC_250UA_I2 pin=151, data=3/4, code=2355, cur= 234.50
CC_250UA_I2 pin=151, data=4/4, code=3022, cur= 310.78
CC_250UA_IM pin=151, I1code=5839, I2code=5888
ALD_I1 pin=151, data=1/2, code= 510, cur= 1.526
ALD_I1 pin=151, data=2/2, code=4109, cur= 19.041
ALD_I2 pin=151, data=1/2, code= 510, cur= 1.682
ALD_I2 pin=151, data=2/2, code=4109, cur= 19.941
IM_10UA pin=151, data=1/5, cur=-10.000, code= 8608
IM_10UA pin=151, data=2/5, cur= -5.000, code=18217
IM_10UA pin=151, data=3/5, cur= 0.000, code=27783
IM_10UA pin=151, data=4/5, cur= 5.000, code=37378
IM_10UA pin=151, data=5/5, cur= 10.000, code=47026
IM_10UA pin=151, data=1/3, v=-2.0000, cur=1.35487e-05, code=27809
IM_10UA pin=151, data=2/3, v= 0.0000, cur=0.00000e+00, code=27783
IM_10UA pin=151, data=3/3, v= 5.0000, cur=-3.24064e-05, code=27721
IM_250UA pin=151, data=1/5, cur=-300.00, code= 7142
IM_250UA pin=151, data=2/5, cur=-150.00, code=18718
IM_250UA pin=151, data=3/5, cur= 0.00, code=30333
IM_250UA pin=151, data=4/5, cur= 150.00, code=41958
IM_250UA pin=151, data=5/5, cur= 300.00, code=53606
VM pin=151, data=1/4, volt=-1.5000, code=11522
VM pin=151, data=2/4, volt= 0.0000, code=17409
VM pin=151, data=3/4, volt= 3.0000, code=29178

VM pin=151, data=4/4, volt= 6.0000, code=40950
RPATH pin=151, R=1.57, V1=-0.0031, I1= 1.997, V2=-0.0313, I2= 20.000
CC_10UA_I1 pin=152, data=1/4, code= 621, cur= 1.142
CC_10UA_I1 pin=152, data=2/4, code=1287, cur= 2.663
CC_10UA_I1 pin=152, data=3/4, code=3509, cur= 7.717
CC_10UA_I1 pin=152, data=4/4, code=4620, cur= 10.254
CC_10UA_I2 pin=152, data=1/4, code= 354, cur= 0.381
CC_10UA_I2 pin=152, data=2/4, code= 910, cur= 2.866
CC_10UA_I2 pin=152, data=3/4, code=2021, cur= 7.847
CC_10UA_I2 pin=152, data=4/4, code=2576, cur= 10.323
CC_10UA_IM pin=152, I1code=5385, I2code=5461
CC_250UA_I1 pin=152, data=1/4, code= 284, cur= 10.41
CC_250UA_I1 pin=152, data=2/4, code=1511, cur= 80.30
CC_250UA_I1 pin=152, data=3/4, code=4178, cur= 231.52
CC_250UA_I1 pin=152, data=4/4, code=5512, cur= 306.47
CC_250UA_I2 pin=152, data=1/4, code= 409, cur= 17.84
CC_250UA_I2 pin=152, data=2/4, code=1022, cur= 85.80
CC_250UA_I2 pin=152, data=3/4, code=2355, cur= 234.84
CC_250UA_I2 pin=152, data=4/4, code=3022, cur= 309.93
CC_250UA_IM pin=152, I1code=5931, I2code=5932
ALD_I1 pin=152, data=1/2, code= 510, cur= 1.554
ALD_I1 pin=152, data=2/2, code=4109, cur= 18.867
ALD_I2 pin=152, data=1/2, code= 510, cur= 1.792
ALD_I2 pin=152, data=2/2, code=4109, cur= 19.801
IM_10UA pin=152, data=1/5, cur=-10.000, code= 9106
IM_10UA pin=152, data=2/5, cur= -5.000, code=18929
IM_10UA pin=152, data=3/5, cur= 0.000, code=28704
IM_10UA pin=152, data=4/5, cur= 5.000, code=38493
IM_10UA pin=152, data=5/5, cur= 10.000, code=48330
IM_10UA pin=152, data=1/3, v=-2.0000, cur=1.48125e-05, code=28733
IM_10UA pin=152, data=2/3, v= 0.0000, cur=0.00000e+00, code=28704
IM_10UA pin=152, data=3/3, v= 5.0000, cur=-3.12020e-05, code=28643
IM_250UA pin=152, data=1/5, cur=-300.00, code= 7574
IM_250UA pin=152, data=2/5, cur=-150.00, code=19335
IM_250UA pin=152, data=3/5, cur= 0.00, code=31103
IM_250UA pin=152, data=4/5, cur= 150.00, code=42868

IM_250UA pin=152, data=5/5, cur= 300.00, code=54655
VM pin=152, data=1/4, volt=-1.5000, code=11576
VM pin=152, data=2/4, volt= 0.0000, code=17457
VM pin=152, data=3/4, volt= 3.0000, code=29213
VM pin=152, data=4/4, volt= 6.0000, code=40974
RPATH pin=152, R=1.59, V1=-0.0031, I1= 1.999, V2=-0.0316, I2= 19.994
CC_10UA_I1 pin=153, data=1/4, code= 621, cur= 1.028
CC_10UA_I1 pin=153, data=2/4, code=1287, cur= 2.547
CC_10UA_I1 pin=153, data=3/4, code=3509, cur= 7.607
CC_10UA_I1 pin=153, data=4/4, code=4620, cur= 10.142
CC_10UA_I2 pin=153, data=1/4, code= 354, cur= 0.190
CC_10UA_I2 pin=153, data=2/4, code= 910, cur= 2.700
CC_10UA_I2 pin=153, data=3/4, code=2021, cur= 7.713
CC_10UA_I2 pin=153, data=4/4, code=2576, cur= 10.211
CC_10UA_IM pin=153, I1code=5434, I2code=5477
CC_250UA_I1 pin=153, data=1/4, code= 284, cur= 8.09
CC_250UA_I1 pin=153, data=2/4, code=1511, cur= 78.19
CC_250UA_I1 pin=153, data=3/4, code=4178, cur= 229.40
CC_250UA_I1 pin=153, data=4/4, code=5512, cur= 304.31
CC_250UA_I2 pin=153, data=1/4, code= 409, cur= 13.23
CC_250UA_I2 pin=153, data=2/4, code=1022, cur= 81.73
CC_250UA_I2 pin=153, data=3/4, code=2355, cur= 230.10
CC_250UA_I2 pin=153, data=4/4, code=3022, cur= 303.97
CC_250UA_IM pin=153, I1code=5969, I2code=6067
ALD_I1 pin=153, data=1/2, code= 510, cur= 1.290
ALD_I1 pin=153, data=2/2, code=4109, cur= 18.546
ALD_I2 pin=153, data=1/2, code= 510, cur= 1.418
ALD_I2 pin=153, data=2/2, code=4109, cur= 19.338
IM_10UA pin=153, data=1/5, cur=-10.000, code= 8935
IM_10UA pin=153, data=2/5, cur= -5.000, code=18745
IM_10UA pin=153, data=3/5, cur= 0.000, code=28504
IM_10UA pin=153, data=4/5, cur= 5.000, code=38275
IM_10UA pin=153, data=5/5, cur= 10.000, code=48099
IM_10UA pin=153, data=1/3, v=-2.0000, cur=1.33047e-05, code=28530
IM_10UA pin=153, data=2/3, v= 0.0000, cur=0.00000e+00, code=28504
IM_10UA pin=153, data=3/3, v= 5.0000, cur=-4.25248e-05, code=28421

IM_250UA pin=153, data=1/5, cur=-300.00, code= 7405
IM_250UA pin=153, data=2/5, cur=-150.00, code=19168
IM_250UA pin=153, data=3/5, cur= 0.00, code=30971
IM_250UA pin=153, data=4/5, cur= 150.00, code=42787
IM_250UA pin=153, data=5/5, cur= 300.00, code=54640
VM pin=153, data=1/4, volt=-1.5000, code=11612
VM pin=153, data=2/4, volt= 0.0000, code=17514
VM pin=153, data=3/4, volt= 3.0000, code=29316
VM pin=153, data=4/4, volt= 6.0000, code=41122
RPATH pin=153, R=1.59, V1=-0.0028, I1= 1.991, V2=-0.0315, I2= 20.000
CC_10UA_I1 pin=154, data=1/4, code= 621, cur= 1.064
CC_10UA_I1 pin=154, data=2/4, code=1287, cur= 2.572
CC_10UA_I1 pin=154, data=3/4, code=3509, cur= 7.583
CC_10UA_I1 pin=154, data=4/4, code=4620, cur= 10.101
CC_10UA_I2 pin=154, data=1/4, code= 354, cur= 0.132
CC_10UA_I2 pin=154, data=2/4, code= 910, cur= 2.626
CC_10UA_I2 pin=154, data=3/4, code=2021, cur= 7.614
CC_10UA_I2 pin=154, data=4/4, code=2576, cur= 10.109
CC_10UA_IM pin=154, I1code=5458, I2code=5498
CC_250UA_I1 pin=154, data=1/4, code= 284, cur= 8.89
CC_250UA_I1 pin=154, data=2/4, code=1511, cur= 78.23
CC_250UA_I1 pin=154, data=3/4, code=4178, cur= 228.24
CC_250UA_I1 pin=154, data=4/4, code=5512, cur= 302.64
CC_250UA_I2 pin=154, data=1/4, code= 409, cur= 11.95
CC_250UA_I2 pin=154, data=2/4, code=1022, cur= 79.77
CC_250UA_I2 pin=154, data=3/4, code=2355, cur= 227.60
CC_250UA_I2 pin=154, data=4/4, code=3022, cur= 301.41
CC_250UA_IM pin=154, I1code=6003, I2code=6083
ALD_I1 pin=154, data=1/2, code= 510, cur= 1.224
ALD_I1 pin=154, data=2/2, code=4109, cur= 18.633
ALD_I2 pin=154, data=1/2, code= 510, cur= 1.547
ALD_I2 pin=154, data=2/2, code=4109, cur= 19.524
IM_10UA pin=154, data=1/5, cur=-10.000, code= 8624
IM_10UA pin=154, data=2/5, cur= -5.000, code=18512
IM_10UA pin=154, data=3/5, cur= 0.000, code=28354
IM_10UA pin=154, data=4/5, cur= 5.000, code=38201

IM_10UA pin=154, data=5/5, cur= 10.000, code=48106
IM_10UA pin=154, data=1/3, v=-2.0000, cur=8.12430e-06, code=28370
IM_10UA pin=154, data=2/3, v= 0.0000, cur=0.00000e+00, code=28354
IM_10UA pin=154, data=3/3, v= 5.0000, cur=-4.26743e-05, code=28270
IM_250UA pin=154, data=1/5, cur=-300.00, code= 7112
IM_250UA pin=154, data=2/5, cur=-150.00, code=18975
IM_250UA pin=154, data=3/5, cur= 0.00, code=30854
IM_250UA pin=154, data=4/5, cur= 150.00, code=42741
IM_250UA pin=154, data=5/5, cur= 300.00, code=54651
VM pin=154, data=1/4, volt=-1.5000, code=11594
VM pin=154, data=2/4, volt= 0.0000, code=17488
VM pin=154, data=3/4, volt= 3.0000, code=29269
VM pin=154, data=4/4, volt= 6.0000, code=41058
RPATH pin=154, R=1.58, V1=-0.0033, I1= 1.991, V2=-0.0318, I2= 19.998
CC_10UA_I1 pin=155, data=1/4, code= 621, cur= 1.089
CC_10UA_I1 pin=155, data=2/4, code=1287, cur= 2.607
CC_10UA_I1 pin=155, data=3/4, code=3509, cur= 7.644
CC_10UA_I1 pin=155, data=4/4, code=4620, cur= 10.174
CC_10UA_I2 pin=155, data=1/4, code= 354, cur= 0.348
CC_10UA_I2 pin=155, data=2/4, code= 910, cur= 2.840
CC_10UA_I2 pin=155, data=3/4, code=2021, cur= 7.831
CC_10UA_I2 pin=155, data=4/4, code=2576, cur= 10.317
CC_10UA_IM pin=155, I1code=5422, I2code=5459
CC_250UA_I1 pin=155, data=1/4, code= 284, cur= 9.11
CC_250UA_I1 pin=155, data=2/4, code=1511, cur= 78.95
CC_250UA_I1 pin=155, data=3/4, code=4178, cur= 229.51
CC_250UA_I1 pin=155, data=4/4, code=5512, cur= 304.07
CC_250UA_I2 pin=155, data=1/4, code= 409, cur= 17.19
CC_250UA_I2 pin=155, data=2/4, code=1022, cur= 85.93
CC_250UA_I2 pin=155, data=3/4, code=2355, cur= 235.26
CC_250UA_I2 pin=155, data=4/4, code=3022, cur= 310.02
CC_250UA_IM pin=155, I1code=5976, I2code=5965
ALD_I1 pin=155, data=1/2, code= 510, cur= 1.376
ALD_I1 pin=155, data=2/2, code=4109, cur= 18.628
ALD_I2 pin=155, data=1/2, code= 510, cur= 1.660
ALD_I2 pin=155, data=2/2, code=4109, cur= 19.576

IM_10UA pin=155, data=1/5, cur=-10.000, code= 8668
IM_10UA pin=155, data=2/5, cur= -5.000, code=18583
IM_10UA pin=155, data=3/5, cur= 0.000, code=28445
IM_10UA pin=155, data=4/5, cur= 5.000, code=38319
IM_10UA pin=155, data=5/5, cur= 10.000, code=48232
IM_10UA pin=155, data=1/3, v=-2.0000, cur=8.10209e-06, code=28461
IM_10UA pin=155, data=2/3, v= 0.0000, cur=0.00000e+00, code=28445
IM_10UA pin=155, data=3/3, v= 5.0000, cur=-4.00527e-05, code=28366
IM_250UA pin=155, data=1/5, cur=-300.00, code= 7135
IM_250UA pin=155, data=2/5, cur=-150.00, code=18978
IM_250UA pin=155, data=3/5, cur= 0.00, code=30836
IM_250UA pin=155, data=4/5, cur= 150.00, code=42685
IM_250UA pin=155, data=5/5, cur= 300.00, code=54559
VM pin=155, data=1/4, volt=-1.5000, code=11519
VM pin=155, data=2/4, volt= 0.0000, code=17440
VM pin=155, data=3/4, volt= 3.0000, code=29276
VM pin=155, data=4/4, volt= 6.0000, code=41116
RPATH pin=155, R=1.58, V1=-0.0033, I1= 2.001, V2=-0.0317, I2= 19.997
CC_10UA_I1 pin=156, data=1/4, code= 621, cur= 1.010
CC_10UA_I1 pin=156, data=2/4, code=1287, cur= 2.549
CC_10UA_I1 pin=156, data=3/4, code=3509, cur= 7.657
CC_10UA_I1 pin=156, data=4/4, code=4620, cur= 10.222
CC_10UA_I2 pin=156, data=1/4, code= 354, cur= -0.001
CC_10UA_I2 pin=156, data=2/4, code= 910, cur= 2.482
CC_10UA_I2 pin=156, data=3/4, code=2021, cur= 7.467
CC_10UA_I2 pin=156, data=4/4, code=2576, cur= 9.958
CC_10UA_IM pin=156, I1code=5390, I2code=5531
CC_250UA_I1 pin=156, data=1/4, code= 284, cur= 7.40
CC_250UA_I1 pin=156, data=2/4, code=1511, cur= 77.92
CC_250UA_I1 pin=156, data=3/4, code=4178, cur= 230.19
CC_250UA_I1 pin=156, data=4/4, code=5512, cur= 305.65
CC_250UA_I2 pin=156, data=1/4, code= 409, cur= 8.60
CC_250UA_I2 pin=156, data=2/4, code=1022, cur= 77.13
CC_250UA_I2 pin=156, data=3/4, code=2355, cur= 227.23
CC_250UA_I2 pin=156, data=4/4, code=3022, cur= 302.69
CC_250UA_IM pin=156, I1code=5942, I2code=5979

ALD_I1 pin=156, data=1/2, code= 510, cur= 1.337
ALD_I1 pin=156, data=2/2, code=4109, cur= 18.815
ALD_I2 pin=156, data=1/2, code= 510, cur= 1.456
ALD_I2 pin=156, data=2/2, code=4109, cur= 19.524
IM_10UA pin=156, data=1/5, cur=-10.000, code= 8774
IM_10UA pin=156, data=2/5, cur= -5.000, code=18570
IM_10UA pin=156, data=3/5, cur= 0.000, code=28317
IM_10UA pin=156, data=4/5, cur= 5.000, code=38071
IM_10UA pin=156, data=5/5, cur= 10.000, code=47869
IM_10UA pin=156, data=1/3, v=-2.0000, cur=1.02522e-05, code=28337
IM_10UA pin=156, data=2/3, v= 0.0000, cur=0.00000e+00, code=28317
IM_10UA pin=156, data=3/3, v= 5.0000, cur=-4.20642e-05, code=28235
IM_250UA pin=156, data=1/5, cur=-300.00, code= 7257
IM_250UA pin=156, data=2/5, cur=-150.00, code=18973
IM_250UA pin=156, data=3/5, cur= 0.00, code=30714
IM_250UA pin=156, data=4/5, cur= 150.00, code=42450
IM_250UA pin=156, data=5/5, cur= 300.00, code=54217
VM pin=156, data=1/4, volt=-1.5000, code=11508
VM pin=156, data=2/4, volt= 0.0000, code=17387
VM pin=156, data=3/4, volt= 3.0000, code=29140
VM pin=156, data=4/4, volt= 6.0000, code=40899
RPATH pin=156, R=1.59, V1=-0.0031, I1= 1.990, V2=-0.0316, I2= 19.996
CC_10UA_I1 pin=157, data=1/4, code= 621, cur= 0.962
CC_10UA_I1 pin=157, data=2/4, code=1287, cur= 2.484
CC_10UA_I1 pin=157, data=3/4, code=3509, cur= 7.547
CC_10UA_I1 pin=157, data=4/4, code=4620, cur= 10.084
CC_10UA_I2 pin=157, data=1/4, code= 354, cur= 0.098
CC_10UA_I2 pin=157, data=2/4, code= 910, cur= 2.592
CC_10UA_I2 pin=157, data=3/4, code=2021, cur= 7.585
CC_10UA_I2 pin=157, data=4/4, code=2576, cur= 10.069
CC_10UA_IM pin=157, I1code=5459, I2code=5511
CC_250UA_I1 pin=157, data=1/4, code= 284, cur= 6.58
CC_250UA_I1 pin=157, data=2/4, code=1511, cur= 76.67
CC_250UA_I1 pin=157, data=3/4, code=4178, cur= 228.02
CC_250UA_I1 pin=157, data=4/4, code=5512, cur= 302.97
CC_250UA_I2 pin=157, data=1/4, code= 409, cur= 11.10

CC_250UA_I2 pin=157, data=2/4, code=1022, cur= 79.93
CC_250UA_I2 pin=157, data=3/4, code=2355, cur= 229.84
CC_250UA_I2 pin=157, data=4/4, code=3022, cur= 305.00
CC_250UA_IM pin=157, I1code=5993, I2code=5991
ALD_I1 pin=157, data=1/2, code= 510, cur= 1.400
ALD_I1 pin=157, data=2/2, code=4109, cur= 18.848
ALD_I2 pin=157, data=1/2, code= 510, cur= 1.496
ALD_I2 pin=157, data=2/2, code=4109, cur= 19.637
IM_10UA pin=157, data=1/5, cur=-10.000, code= 9073
IM_10UA pin=157, data=2/5, cur= -5.000, code=18955
IM_10UA pin=157, data=3/5, cur= 0.000, code=28787
IM_10UA pin=157, data=4/5, cur= 5.000, code=38627
IM_10UA pin=157, data=5/5, cur= 10.000, code=48516
IM_10UA pin=157, data=1/3, v=-2.0000, cur=1.32114e-05, code=28813
IM_10UA pin=157, data=2/3, v= 0.0000, cur=0.00000e+00, code=28787
IM_10UA pin=157, data=3/3, v= 5.0000, cur=-4.32262e-05, code=28702
IM_250UA pin=157, data=1/5, cur=-300.00, code= 7544
IM_250UA pin=157, data=2/5, cur=-150.00, code=19346
IM_250UA pin=157, data=3/5, cur= 0.00, code=31174
IM_250UA pin=157, data=4/5, cur= 150.00, code=42997
IM_250UA pin=157, data=5/5, cur= 300.00, code=54851
VM pin=157, data=1/4, volt=-1.5000, code=11450
VM pin=157, data=2/4, volt= 0.0000, code=17367
VM pin=157, data=3/4, volt= 3.0000, code=29196
VM pin=157, data=4/4, volt= 6.0000, code=41031
RPATH pin=157, R=1.58, V1=-0.0033, I1= 1.990, V2=-0.0317, I2= 19.996
CC_10UA_I1 pin=158, data=1/4, code= 621, cur= 1.092
CC_10UA_I1 pin=158, data=2/4, code=1287, cur= 2.612
CC_10UA_I1 pin=158, data=3/4, code=3509, cur= 7.661
CC_10UA_I1 pin=158, data=4/4, code=4620, cur= 10.191
CC_10UA_I2 pin=158, data=1/4, code= 354, cur= 0.231
CC_10UA_I2 pin=158, data=2/4, code= 910, cur= 2.726
CC_10UA_I2 pin=158, data=3/4, code=2021, cur= 7.713
CC_10UA_I2 pin=158, data=4/4, code=2576, cur= 10.194
CC_10UA_IM pin=158, I1code=5415, I2code=5495
CC_250UA_I1 pin=158, data=1/4, code= 284, cur= 9.37

CC_250UA_I1 pin=158, data=2/4, code=1511, cur= 79.08
CC_250UA_I1 pin=158, data=3/4, code=4178, cur= 229.60
CC_250UA_I1 pin=158, data=4/4, code=5512, cur= 304.22
CC_250UA_I2 pin=158, data=1/4, code= 409, cur= 14.04
CC_250UA_I2 pin=158, data=2/4, code=1022, cur= 81.32
CC_250UA_I2 pin=158, data=3/4, code=2355, cur= 227.21
CC_250UA_I2 pin=158, data=4/4, code=3022, cur= 299.84
CC_250UA_IM pin=158, I1code=5973, I2code=6157
ALD_I1 pin=158, data=1/2, code= 510, cur= 1.183
ALD_I1 pin=158, data=2/2, code=4109, cur= 18.370
ALD_I2 pin=158, data=1/2, code= 510, cur= 1.623
ALD_I2 pin=158, data=2/2, code=4109, cur= 19.571
IM_10UA pin=158, data=1/5, cur=-10.000, code= 8897
IM_10UA pin=158, data=2/5, cur= -5.000, code=19028
IM_10UA pin=158, data=3/5, cur= 0.000, code=29093
IM_10UA pin=158, data=4/5, cur= 5.000, code=39157
IM_10UA pin=158, data=5/5, cur= 10.000, code=49270
IM_10UA pin=158, data=1/3, v=-2.0000, cur=1.54014e-05, code=29124
IM_10UA pin=158, data=2/3, v= 0.0000, cur=0.00000e+00, code=29093
IM_10UA pin=158, data=3/3, v= 5.0000, cur=-4.37158e-05, code=29005
IM_250UA pin=158, data=1/5, cur=-300.00, code= 7290
IM_250UA pin=158, data=2/5, cur=-150.00, code=19349
IM_250UA pin=158, data=3/5, cur= 0.00, code=31414
IM_250UA pin=158, data=4/5, cur= 150.00, code=43472
IM_250UA pin=158, data=5/5, cur= 300.00, code=55552
VM pin=158, data=1/4, volt=-1.5000, code=11581
VM pin=158, data=2/4, volt= 0.0000, code=17481
VM pin=158, data=3/4, volt= 3.0000, code=29276
VM pin=158, data=4/4, volt= 6.0000, code=41076
RPATH pin=158, R=1.57, V1=-0.0033, I1= 1.994, V2=-0.0315, I2= 19.996
CC_10UA_I1 pin=159, data=1/4, code= 621, cur= 0.979
CC_10UA_I1 pin=159, data=2/4, code=1287, cur= 2.492
CC_10UA_I1 pin=159, data=3/4, code=3509, cur= 7.518
CC_10UA_I1 pin=159, data=4/4, code=4620, cur= 10.036
CC_10UA_I2 pin=159, data=1/4, code= 354, cur= 0.092
CC_10UA_I2 pin=159, data=2/4, code= 910, cur= 2.538

CC_10UA_I2 pin=159, data=3/4, code=2021, cur= 7.438
CC_10UA_I2 pin=159, data=4/4, code=2576, cur= 9.879
CC_10UA_IM pin=159, I1code=5486, I2code=5609
CC_250UA_I1 pin=159, data=1/4, code= 284, cur= 6.64
CC_250UA_I1 pin=159, data=2/4, code=1511, cur= 76.26
CC_250UA_I1 pin=159, data=3/4, code=4178, cur= 226.57
CC_250UA_I1 pin=159, data=4/4, code=5512, cur= 300.88
CC_250UA_I2 pin=159, data=1/4, code= 409, cur= 10.92
CC_250UA_I2 pin=159, data=2/4, code=1022, cur= 78.53
CC_250UA_I2 pin=159, data=3/4, code=2355, cur= 225.54
CC_250UA_I2 pin=159, data=4/4, code=3022, cur= 299.22
CC_250UA_IM pin=159, I1code=6035, I2code=6103
ALD_I1 pin=159, data=1/2, code= 510, cur= 1.021
ALD_I1 pin=159, data=2/2, code=4109, cur= 18.156
ALD_I2 pin=159, data=1/2, code= 510, cur= 1.472
ALD_I2 pin=159, data=2/2, code=4109, cur= 19.252
IM_10UA pin=159, data=1/5, cur=-10.000, code= 8894
IM_10UA pin=159, data=2/5, cur= -5.000, code=18879
IM_10UA pin=159, data=3/5, cur= 0.000, code=28830
IM_10UA pin=159, data=4/5, cur= 5.000, code=38800
IM_10UA pin=159, data=5/5, cur= 10.000, code=48825
IM_10UA pin=159, data=1/3, v=-2.0000, cur=1.45436e-05, code=28859
IM_10UA pin=159, data=2/3, v= 0.0000, cur=0.00000e+00, code=28830
IM_10UA pin=159, data=3/3, v= 5.0000, cur=-4.12019e-05, code=28748
IM_250UA pin=159, data=1/5, cur=-300.00, code= 7367
IM_250UA pin=159, data=2/5, cur=-150.00, code=19363
IM_250UA pin=159, data=3/5, cur= 0.00, code=31386
IM_250UA pin=159, data=4/5, cur= 150.00, code=43408
IM_250UA pin=159, data=5/5, cur= 300.00, code=55455
VM pin=159, data=1/4, volt=-1.5000, code=11565
VM pin=159, data=2/4, volt= 0.0000, code=17464
VM pin=159, data=3/4, volt= 3.0000, code=29258
VM pin=159, data=4/4, volt= 6.0000, code=41056
RPATH pin=159, R=1.58, V1=-0.0031, I1= 1.991, V2=-0.0315, I2= 20.002
CC_10UA_I1 pin=160, data=1/4, code= 621, cur= 1.098
CC_10UA_I1 pin=160, data=2/4, code=1287, cur= 2.600

CC_10UA_I1 pin=160, data=3/4, code=3509, cur= 7.587
CC_10UA_I1 pin=160, data=4/4, code=4620, cur= 10.090
CC_10UA_I2 pin=160, data=1/4, code= 354, cur= -0.015
CC_10UA_I2 pin=160, data=2/4, code= 910, cur= 2.383
CC_10UA_I2 pin=160, data=3/4, code=2021, cur= 7.199
CC_10UA_I2 pin=160, data=4/4, code=2576, cur= 9.602
CC_10UA_IM pin=160, I1code=5468, I2code=5713
CC_250UA_I1 pin=160, data=1/4, code= 284, cur= 9.85
CC_250UA_I1 pin=160, data=2/4, code=1511, cur= 78.84
CC_250UA_I1 pin=160, data=3/4, code=4178, cur= 227.66
CC_250UA_I1 pin=160, data=4/4, code=5512, cur= 301.41
CC_250UA_I2 pin=160, data=1/4, code= 409, cur= 8.04
CC_250UA_I2 pin=160, data=2/4, code=1022, cur= 74.25
CC_250UA_I2 pin=160, data=3/4, code=2355, cur= 218.64
CC_250UA_I2 pin=160, data=4/4, code=3022, cur= 290.89
CC_250UA_IM pin=160, I1code=6029, I2code=6249
ALD_I1 pin=160, data=1/2, code= 510, cur= 1.109
ALD_I1 pin=160, data=2/2, code=4109, cur= 18.110
ALD_I2 pin=160, data=1/2, code= 510, cur= 1.522
ALD_I2 pin=160, data=2/2, code=4109, cur= 19.225
IM_10UA pin=160, data=1/5, cur=-10.000, code= 9033
IM_10UA pin=160, data=2/5, cur= -5.000, code=19073
IM_10UA pin=160, data=3/5, cur= 0.000, code=29063
IM_10UA pin=160, data=4/5, cur= 5.000, code=39063
IM_10UA pin=160, data=5/5, cur= 10.000, code=49117
IM_10UA pin=160, data=1/3, v=-2.0000, cur=1.55000e-05, code=29094
IM_10UA pin=160, data=2/3, v= 0.0000, cur=0.00000e+00, code=29063
IM_10UA pin=160, data=3/3, v= 5.0000, cur=-4.10410e-05, code=28981
IM_250UA pin=160, data=1/5, cur=-300.00, code= 7485
IM_250UA pin=160, data=2/5, cur=-150.00, code=19529
IM_250UA pin=160, data=3/5, cur= 0.00, code=31600
IM_250UA pin=160, data=4/5, cur= 150.00, code=43676
IM_250UA pin=160, data=5/5, cur= 300.00, code=55782
VM pin=160, data=1/4, volt=-1.5000, code=11675
VM pin=160, data=2/4, volt= 0.0000, code=17566
VM pin=160, data=3/4, volt= 3.0000, code=29343

VM pin=160, data=4/4, volt= 6.0000, code=41124
RPATH pin=160, R=1.60, V1=-0.0031, I1= 1.994, V2=-0.0318, I2= 20.000
CC_10UA_I1 pin=161, data=1/4, code= 621, cur= 0.998
CC_10UA_I1 pin=161, data=2/4, code=1287, cur= 2.521
CC_10UA_I1 pin=161, data=3/4, code=3509, cur= 7.579
CC_10UA_I1 pin=161, data=4/4, code=4620, cur= 10.112
CC_10UA_I2 pin=161, data=1/4, code= 354, cur= 0.179
CC_10UA_I2 pin=161, data=2/4, code= 910, cur= 2.683
CC_10UA_I2 pin=161, data=3/4, code=2021, cur= 7.676
CC_10UA_I2 pin=161, data=4/4, code=2576, cur= 10.166
CC_10UA_IM pin=161, I1code=5448, I2code=5500
CC_250UA_I1 pin=161, data=1/4, code= 284, cur= 7.70
CC_250UA_I1 pin=161, data=2/4, code=1511, cur= 77.81
CC_250UA_I1 pin=161, data=3/4, code=4178, cur= 228.96
CC_250UA_I1 pin=161, data=4/4, code=5512, cur= 303.72
CC_250UA_I2 pin=161, data=1/4, code= 409, cur= 12.91
CC_250UA_I2 pin=161, data=2/4, code=1022, cur= 80.88
CC_250UA_I2 pin=161, data=3/4, code=2355, cur= 228.30
CC_250UA_I2 pin=161, data=4/4, code=3022, cur= 301.81
CC_250UA_IM pin=161, I1code=5981, I2code=6090
ALD_I1 pin=161, data=1/2, code= 510, cur= 1.315
ALD_I1 pin=161, data=2/2, code=4109, cur= 18.628
ALD_I2 pin=161, data=1/2, code= 510, cur= 1.774
ALD_I2 pin=161, data=2/2, code=4109, cur= 19.825
IM_10UA pin=161, data=1/5, cur=-10.000, code= 8865
IM_10UA pin=161, data=2/5, cur= -5.000, code=18847
IM_10UA pin=161, data=3/5, cur= 0.000, code=28774
IM_10UA pin=161, data=4/5, cur= 5.000, code=38702
IM_10UA pin=161, data=5/5, cur= 10.000, code=48675
IM_10UA pin=161, data=1/3, v=-2.0000, cur=1.66197e-05, code=28807
IM_10UA pin=161, data=2/3, v= 0.0000, cur=0.00000e+00, code=28774
IM_10UA pin=161, data=3/3, v= 5.0000, cur=-4.53309e-05, code=28684
IM_250UA pin=161, data=1/5, cur=-300.00, code= 7312
IM_250UA pin=161, data=2/5, cur=-150.00, code=19224
IM_250UA pin=161, data=3/5, cur= 0.00, code=31150
IM_250UA pin=161, data=4/5, cur= 150.00, code=43077

IM_250UA pin=161, data=5/5, cur= 300.00, code=55024
VM pin=161, data=1/4, volt=-1.5000, code=11562
VM pin=161, data=2/4, volt= 0.0000, code=17457
VM pin=161, data=3/4, volt= 3.0000, code=29241
VM pin=161, data=4/4, volt= 6.0000, code=41030
RPATH pin=161, R=1.57, V1=-0.0028, I1= 1.997, V2=-0.0310, I2= 19.998
CC_10UA_I1 pin=162, data=1/4, code= 621, cur= 0.946
CC_10UA_I1 pin=162, data=2/4, code=1287, cur= 2.446
CC_10UA_I1 pin=162, data=3/4, code=3509, cur= 7.432
CC_10UA_I1 pin=162, data=4/4, code=4620, cur= 9.933
CC_10UA_I2 pin=162, data=1/4, code= 354, cur= -0.049
CC_10UA_I2 pin=162, data=2/4, code= 910, cur= 2.401
CC_10UA_I2 pin=162, data=3/4, code=2021, cur= 7.313
CC_10UA_I2 pin=162, data=4/4, code=2576, cur= 9.755
CC_10UA_IM pin=162, I1code=5538, I2code=5634
CC_250UA_I1 pin=162, data=1/4, code= 284, cur= 6.50
CC_250UA_I1 pin=162, data=2/4, code=1511, cur= 75.36
CC_250UA_I1 pin=162, data=3/4, code=4178, cur= 224.20
CC_250UA_I1 pin=162, data=4/4, code=5512, cur= 297.90
CC_250UA_I2 pin=162, data=1/4, code= 409, cur= 7.18
CC_250UA_I2 pin=162, data=2/4, code=1022, cur= 74.03
CC_250UA_I2 pin=162, data=3/4, code=2355, cur= 219.43
CC_250UA_I2 pin=162, data=4/4, code=3022, cur= 292.20
CC_250UA_IM pin=162, I1code=6093, I2code=6212
ALD_I1 pin=162, data=1/2, code= 510, cur= 1.363
ALD_I1 pin=162, data=2/2, code=4109, cur= 18.798
ALD_I2 pin=162, data=1/2, code= 510, cur= 1.384
ALD_I2 pin=162, data=2/2, code=4109, cur= 19.431
IM_10UA pin=162, data=1/5, cur=-10.000, code= 8926
IM_10UA pin=162, data=2/5, cur= -5.000, code=18859
IM_10UA pin=162, data=3/5, cur= 0.000, code=28768
IM_10UA pin=162, data=4/5, cur= 5.000, code=38701
IM_10UA pin=162, data=5/5, cur= 10.000, code=48695
IM_10UA pin=162, data=1/3, v=-2.0000, cur=1.81214e-05, code=28804
IM_10UA pin=162, data=2/3, v= 0.0000, cur=0.00000e+00, code=28768
IM_10UA pin=162, data=3/3, v= 5.0000, cur=-4.54133e-05, code=28678

IM_250UA pin=162, data=1/5, cur=-300.00, code= 7399
IM_250UA pin=162, data=2/5, cur=-150.00, code=19415
IM_250UA pin=162, data=3/5, cur= 0.00, code=31469
IM_250UA pin=162, data=4/5, cur= 150.00, code=43529
IM_250UA pin=162, data=5/5, cur= 300.00, code=55614
VM pin=162, data=1/4, volt=-1.5000, code=11625
VM pin=162, data=2/4, volt= 0.0000, code=17548
VM pin=162, data=3/4, volt= 3.0000, code=29389
VM pin=162, data=4/4, volt= 6.0000, code=41234
RPATH pin=162, R=1.55, V1=-0.0033, I1= 1.989, V2=-0.0311, I2= 19.994
CC_10UA_I1 pin=163, data=1/4, code= 621, cur= 1.113
CC_10UA_I1 pin=163, data=2/4, code=1287, cur= 2.641
CC_10UA_I1 pin=163, data=3/4, code=3509, cur= 7.721
CC_10UA_I1 pin=163, data=4/4, code=4620, cur= 10.272
CC_10UA_I2 pin=163, data=1/4, code= 354, cur= 0.115
CC_10UA_I2 pin=163, data=2/4, code= 910, cur= 2.662
CC_10UA_I2 pin=163, data=3/4, code=2021, cur= 7.743
CC_10UA_I2 pin=163, data=4/4, code=2576, cur= 10.269
CC_10UA_IM pin=163, I1code=5372, I2code=5430
CC_250UA_I1 pin=163, data=1/4, code= 284, cur= 10.25
CC_250UA_I1 pin=163, data=2/4, code=1511, cur= 80.79
CC_250UA_I1 pin=163, data=3/4, code=4178, cur= 233.07
CC_250UA_I1 pin=163, data=4/4, code=5512, cur= 308.45
CC_250UA_I2 pin=163, data=1/4, code= 409, cur= 11.58
CC_250UA_I2 pin=163, data=2/4, code=1022, cur= 80.67
CC_250UA_I2 pin=163, data=3/4, code=2355, cur= 230.12
CC_250UA_I2 pin=163, data=4/4, code=3022, cur= 304.46
CC_250UA_IM pin=163, I1code=5893, I2code=6046
ALD_I1 pin=163, data=1/2, code= 510, cur= 1.327
ALD_I1 pin=163, data=2/2, code=4109, cur= 18.771
ALD_I2 pin=163, data=1/2, code= 510, cur= 1.598
ALD_I2 pin=163, data=2/2, code=4109, cur= 19.637
IM_10UA pin=163, data=1/5, cur=-10.000, code= 9354
IM_10UA pin=163, data=2/5, cur= -5.000, code=19103
IM_10UA pin=163, data=3/5, cur= 0.000, code=28826
IM_10UA pin=163, data=4/5, cur= 5.000, code=38574

IM_10UA pin=163, data=5/5, cur= 10.000, code=48381
IM_10UA pin=163, data=1/3, v=-2.0000, cur=1.89783e-05, code=28863
IM_10UA pin=163, data=2/3, v= 0.0000, cur=0.00000e+00, code=28826
IM_10UA pin=163, data=3/3, v= 5.0000, cur=-4.37108e-05, code=28741
IM_250UA pin=163, data=1/5, cur=-300.00, code= 7859
IM_250UA pin=163, data=2/5, cur=-150.00, code=19636
IM_250UA pin=163, data=3/5, cur= 0.00, code=31463
IM_250UA pin=163, data=4/5, cur= 150.00, code=43304
IM_250UA pin=163, data=5/5, cur= 300.00, code=55165
VM pin=163, data=1/4, volt=-1.5000, code=11645
VM pin=163, data=2/4, volt= 0.0000, code=17532
VM pin=163, data=3/4, volt= 3.0000, code=29302
VM pin=163, data=4/4, volt= 6.0000, code=41075
RPATH pin=163, R=1.54, V1=-0.0028, I1= 1.995, V2=-0.0306, I2= 20.000
CC_10UA_I1 pin=164, data=1/4, code= 621, cur= 1.102
CC_10UA_I1 pin=164, data=2/4, code=1287, cur= 2.624
CC_10UA_I1 pin=164, data=3/4, code=3509, cur= 7.674
CC_10UA_I1 pin=164, data=4/4, code=4620, cur= 10.207
CC_10UA_I2 pin=164, data=1/4, code= 354, cur= 0.047
CC_10UA_I2 pin=164, data=2/4, code= 910, cur= 2.543
CC_10UA_I2 pin=164, data=3/4, code=2021, cur= 7.544
CC_10UA_I2 pin=164, data=4/4, code=2576, cur= 10.040
CC_10UA_IM pin=164, I1code=5406, I2code=5511
CC_250UA_I1 pin=164, data=1/4, code= 284, cur= 10.47
CC_250UA_I1 pin=164, data=2/4, code=1511, cur= 80.35
CC_250UA_I1 pin=164, data=3/4, code=4178, cur= 231.47
CC_250UA_I1 pin=164, data=4/4, code=5512, cur= 306.35
CC_250UA_I2 pin=164, data=1/4, code= 409, cur= 9.63
CC_250UA_I2 pin=164, data=2/4, code=1022, cur= 78.04
CC_250UA_I2 pin=164, data=3/4, code=2355, cur= 227.97
CC_250UA_I2 pin=164, data=4/4, code=3022, cur= 303.39
CC_250UA_IM pin=164, I1code=5933, I2code=5973
ALD_I1 pin=164, data=1/2, code= 510, cur= 1.328
ALD_I1 pin=164, data=2/2, code=4109, cur= 18.674
ALD_I2 pin=164, data=1/2, code= 510, cur= 1.824
ALD_I2 pin=164, data=2/2, code=4109, cur= 19.885

IM_10UA pin=164, data=1/5, cur=-10.000, code= 8984
IM_10UA pin=164, data=2/5, cur= -5.000, code=18821
IM_10UA pin=164, data=3/5, cur= 0.000, code=28591
IM_10UA pin=164, data=4/5, cur= 5.000, code=38365
IM_10UA pin=164, data=5/5, cur= 10.000, code=48183
IM_10UA pin=164, data=1/3, v=-2.0000, cur=2.14856e-05, code=28633
IM_10UA pin=164, data=2/3, v= 0.0000, cur=0.00000e+00, code=28591
IM_10UA pin=164, data=3/3, v= 5.0000, cur=-4.29887e-05, code=28507
IM_250UA pin=164, data=1/5, cur=-300.00, code= 7444
IM_250UA pin=164, data=2/5, cur=-150.00, code=19150
IM_250UA pin=164, data=3/5, cur= 0.00, code=30875
IM_250UA pin=164, data=4/5, cur= 150.00, code=42602
IM_250UA pin=164, data=5/5, cur= 300.00, code=54349
VM pin=164, data=1/4, volt=-1.5000, code=11602
VM pin=164, data=2/4, volt= 0.0000, code=17495
VM pin=164, data=3/4, volt= 3.0000, code=29272
VM pin=164, data=4/4, volt= 6.0000, code=41052
RPATH pin=164, R=1.56, V1=-0.0031, I1= 1.996, V2=-0.0311, I2= 19.996
CC_10UA_I1 pin=165, data=1/4, code= 621, cur= 1.106
CC_10UA_I1 pin=165, data=2/4, code=1287, cur= 2.624
CC_10UA_I1 pin=165, data=3/4, code=3509, cur= 7.670
CC_10UA_I1 pin=165, data=4/4, code=4620, cur= 10.198
CC_10UA_I2 pin=165, data=1/4, code= 354, cur= -0.149
CC_10UA_I2 pin=165, data=2/4, code= 910, cur= 2.353
CC_10UA_I2 pin=165, data=3/4, code=2021, cur= 7.363
CC_10UA_I2 pin=165, data=4/4, code=2576, cur= 9.861
CC_10UA_IM pin=165, I1code=5412, I2code=5556
CC_250UA_I1 pin=165, data=1/4, code= 284, cur= 10.07
CC_250UA_I1 pin=165, data=2/4, code=1511, cur= 80.03
CC_250UA_I1 pin=165, data=3/4, code=4178, cur= 231.12
CC_250UA_I1 pin=165, data=4/4, code=5512, cur= 305.91
CC_250UA_I2 pin=165, data=1/4, code= 409, cur= 4.91
CC_250UA_I2 pin=165, data=2/4, code=1022, cur= 73.33
CC_250UA_I2 pin=165, data=3/4, code=2355, cur= 221.09
CC_250UA_I2 pin=165, data=4/4, code=3022, cur= 294.66
CC_250UA_IM pin=165, I1code=5942, I2code=6177

ALD_I1 pin=165, data=1/2, code= 510, cur= 1.288
ALD_I1 pin=165, data=2/2, code=4109, cur= 18.555
ALD_I2 pin=165, data=1/2, code= 510, cur= 1.511
ALD_I2 pin=165, data=2/2, code=4109, cur= 19.520
IM_10UA pin=165, data=1/5, cur=-10.000, code= 8750
IM_10UA pin=165, data=2/5, cur= -5.000, code=18637
IM_10UA pin=165, data=3/5, cur= 0.000, code=28479
IM_10UA pin=165, data=4/5, cur= 5.000, code=38328
IM_10UA pin=165, data=5/5, cur= 10.000, code=48235
IM_10UA pin=165, data=1/3, v=-2.0000, cur=9.64565e-06, code=28498
IM_10UA pin=165, data=2/3, v= 0.0000, cur=0.00000e+00, code=28479
IM_10UA pin=165, data=3/3, v= 5.0000, cur=-4.26743e-05, code=28395
IM_250UA pin=165, data=1/5, cur=-300.00, code= 7215
IM_250UA pin=165, data=2/5, cur=-150.00, code=19079
IM_250UA pin=165, data=3/5, cur= 0.00, code=30963
IM_250UA pin=165, data=4/5, cur= 150.00, code=42852
IM_250UA pin=165, data=5/5, cur= 300.00, code=54763
VM pin=165, data=1/4, volt=-1.5000, code=11626
VM pin=165, data=2/4, volt= 0.0000, code=17546
VM pin=165, data=3/4, volt= 3.0000, code=29379
VM pin=165, data=4/4, volt= 6.0000, code=41219
RPATH pin=165, R=1.53, V1=-0.0030, I1= 1.990, V2=-0.0307, I2= 20.000
CC_10UA_I1 pin=166, data=1/4, code= 621, cur= 0.977
CC_10UA_I1 pin=166, data=2/4, code=1287, cur= 2.466
CC_10UA_I1 pin=166, data=3/4, code=3509, cur= 7.417
CC_10UA_I1 pin=166, data=4/4, code=4620, cur= 9.902
CC_10UA_I2 pin=166, data=1/4, code= 354, cur= -0.137
CC_10UA_I2 pin=166, data=2/4, code= 910, cur= 2.376
CC_10UA_I2 pin=166, data=3/4, code=2021, cur= 7.391
CC_10UA_I2 pin=166, data=4/4, code=2576, cur= 9.889
CC_10UA_IM pin=166, I1code=5558, I2code=5549
CC_250UA_I1 pin=166, data=1/4, code= 284, cur= 6.75
CC_250UA_I1 pin=166, data=2/4, code=1511, cur= 75.36
CC_250UA_I1 pin=166, data=3/4, code=4178, cur= 223.99
CC_250UA_I1 pin=166, data=4/4, code=5512, cur= 297.80
CC_250UA_I2 pin=166, data=1/4, code= 409, cur= 5.25

CC_250UA_I2 pin=166, data=2/4, code=1022, cur= 72.84
CC_250UA_I2 pin=166, data=3/4, code=2355, cur= 218.78
CC_250UA_I2 pin=166, data=4/4, code=3022, cur= 291.26
CC_250UA_IM pin=166, I1code=6094, I2code=6260
ALD_I1 pin=166, data=1/2, code= 510, cur= 1.195
ALD_I1 pin=166, data=2/2, code=4109, cur= 18.534
ALD_I2 pin=166, data=1/2, code= 510, cur= 1.431
ALD_I2 pin=166, data=2/2, code=4109, cur= 19.360
IM_10UA pin=166, data=1/5, cur=-10.000, code= 9280
IM_10UA pin=166, data=2/5, cur= -5.000, code=19133
IM_10UA pin=166, data=3/5, cur= 0.000, code=28954
IM_10UA pin=166, data=4/5, cur= 5.000, code=38794
IM_10UA pin=166, data=5/5, cur= 10.000, code=48690
IM_10UA pin=166, data=1/3, v=-2.0000, cur=8.13008e-06, code=28970
IM_10UA pin=166, data=2/3, v= 0.0000, cur=0.00000e+00, code=28954
IM_10UA pin=166, data=3/3, v= 5.0000, cur=-4.42928e-05, code=28867
IM_250UA pin=166, data=1/5, cur=-300.00, code= 7770
IM_250UA pin=166, data=2/5, cur=-150.00, code=19673
IM_250UA pin=166, data=3/5, cur= 0.00, code=31627
IM_250UA pin=166, data=4/5, cur= 150.00, code=43593
IM_250UA pin=166, data=5/5, cur= 300.00, code=55586
VM pin=166, data=1/4, volt=-1.5000, code=11758
VM pin=166, data=2/4, volt= 0.0000, code=17662
VM pin=166, data=3/4, volt= 3.0000, code=29464
VM pin=166, data=4/4, volt= 6.0000, code=41273
RPATH pin=166, R=1.58, V1=-0.0030, I1= 1.996, V2=-0.0315, I2= 20.000
CC_10UA_I1 pin=167, data=1/4, code= 621, cur= 0.934
CC_10UA_I1 pin=167, data=2/4, code=1287, cur= 2.427
CC_10UA_I1 pin=167, data=3/4, code=3509, cur= 7.378
CC_10UA_I1 pin=167, data=4/4, code=4620, cur= 9.865
CC_10UA_I2 pin=167, data=1/4, code= 354, cur= 0.088
CC_10UA_I2 pin=167, data=2/4, code= 910, cur= 2.561
CC_10UA_I2 pin=167, data=3/4, code=2021, cur= 7.482
CC_10UA_I2 pin=167, data=4/4, code=2576, cur= 9.926
CC_10UA_IM pin=167, I1code=5574, I2code=5608
CC_250UA_I1 pin=167, data=1/4, code= 284, cur= 6.64

CC_250UA_I1 pin=167, data=2/4, code=1511, cur= 75.31
CC_250UA_I1 pin=167, data=3/4, code=4178, cur= 223.93
CC_250UA_I1 pin=167, data=4/4, code=5512, cur= 297.59
CC_250UA_I2 pin=167, data=1/4, code= 409, cur= 10.70
CC_250UA_I2 pin=167, data=2/4, code=1022, cur= 77.10
CC_250UA_I2 pin=167, data=3/4, code=2355, cur= 220.25
CC_250UA_I2 pin=167, data=4/4, code=3022, cur= 291.62
CC_250UA_IM pin=167, I1code=6099, I2code=6294
ALD_I1 pin=167, data=1/2, code= 510, cur= 1.017
ALD_I1 pin=167, data=2/2, code=4109, cur= 18.372
ALD_I2 pin=167, data=1/2, code= 510, cur= 1.617
ALD_I2 pin=167, data=2/2, code=4109, cur= 19.633
IM_10UA pin=167, data=1/5, cur=-10.000, code= 9362
IM_10UA pin=167, data=2/5, cur= -5.000, code=20040
IM_10UA pin=167, data=3/5, cur= 0.000, code=30669
IM_10UA pin=167, data=4/5, cur= 5.000, code=41307
IM_10UA pin=167, data=5/5, cur= 10.000, code=52002
IM_10UA pin=167, data=1/3, v=-2.0000, cur=7.99022e-06, code=30686
IM_10UA pin=167, data=2/3, v= 0.0000, cur=0.00000e+00, code=30669
IM_10UA pin=167, data=3/3, v= 5.0000, cur=-4.23370e-05, code=30579
IM_250UA pin=167, data=1/5, cur=-300.00, code= 7696
IM_250UA pin=167, data=2/5, cur=-150.00, code=20464
IM_250UA pin=167, data=3/5, cur= 0.00, code=33262
IM_250UA pin=167, data=4/5, cur= 150.00, code=46062
IM_250UA pin=167, data=5/5, cur= 300.00, code=58882
VM pin=167, data=1/4, volt=-1.5000, code=11572
VM pin=167, data=2/4, volt= 0.0000, code=17508
VM pin=167, data=3/4, volt= 3.0000, code=29374
VM pin=167, data=4/4, volt= 6.0000, code=41244
RPATH pin=167, R=1.56, V1=-0.0028, I1= 1.994, V2=-0.0308, I2= 20.003
CC_10UA_I1 pin=168, data=1/4, code= 621, cur= 1.101
CC_10UA_I1 pin=168, data=2/4, code=1287, cur= 2.619
CC_10UA_I1 pin=168, data=3/4, code=3509, cur= 7.670
CC_10UA_I1 pin=168, data=4/4, code=4620, cur= 10.196
CC_10UA_I2 pin=168, data=1/4, code= 354, cur= 0.058
CC_10UA_I2 pin=168, data=2/4, code= 910, cur= 2.521

CC_10UA_I2 pin=168, data=3/4, code=2021, cur= 7.439
CC_10UA_I2 pin=168, data=4/4, code=2576, cur= 9.894
CC_10UA_IM pin=168, I1code=5413, I2code=5599
CC_250UA_I1 pin=168, data=1/4, code= 284, cur= 10.27
CC_250UA_I1 pin=168, data=2/4, code=1511, cur= 80.08
CC_250UA_I1 pin=168, data=3/4, code=4178, cur= 230.97
CC_250UA_I1 pin=168, data=4/4, code=5512, cur= 305.76
CC_250UA_I2 pin=168, data=1/4, code= 409, cur= 9.80
CC_250UA_I2 pin=168, data=2/4, code=1022, cur= 76.65
CC_250UA_I2 pin=168, data=3/4, code=2355, cur= 222.15
CC_250UA_I2 pin=168, data=4/4, code=3022, cur= 294.80
CC_250UA_IM pin=168, I1code=5944, I2code=6196
ALD_I1 pin=168, data=1/2, code= 510, cur= 1.381
ALD_I1 pin=168, data=2/2, code=4109, cur= 18.788
ALD_I2 pin=168, data=1/2, code= 510, cur= 1.572
ALD_I2 pin=168, data=2/2, code=4109, cur= 19.585
IM_10UA pin=168, data=1/5, cur=-10.000, code= 9289
IM_10UA pin=168, data=2/5, cur= -5.000, code=19353
IM_10UA pin=168, data=3/5, cur= 0.000, code=29340
IM_10UA pin=168, data=4/5, cur= 5.000, code=39316
IM_10UA pin=168, data=5/5, cur= 10.000, code=49328
IM_10UA pin=168, data=1/3, v=-2.0000, cur=9.02165e-06, code=29358
IM_10UA pin=168, data=2/3, v= 0.0000, cur=0.00000e+00, code=29340
IM_10UA pin=168, data=3/3, v= 5.0000, cur=-4.40573e-05, code=29252
IM_250UA pin=168, data=1/5, cur=-300.00, code= 7698
IM_250UA pin=168, data=2/5, cur=-150.00, code=19607
IM_250UA pin=168, data=3/5, cur= 0.00, code=31511
IM_250UA pin=168, data=4/5, cur= 150.00, code=43410
IM_250UA pin=168, data=5/5, cur= 300.00, code=55330
VM pin=168, data=1/4, volt=-1.5000, code=11508
VM pin=168, data=2/4, volt= 0.0000, code=17414
VM pin=168, data=3/4, volt= 3.0000, code=29218
VM pin=168, data=4/4, volt= 6.0000, code=41028
RPATH pin=168, R=1.58, V1=-0.0030, I1= 1.992, V2=-0.0315, I2= 19.997
CC_10UA_I1 pin=169, data=1/4, code= 621, cur= 1.113
CC_10UA_I1 pin=169, data=2/4, code=1287, cur= 2.659

CC_10UA_I1 pin=169, data=3/4, code=3509, cur= 7.793
CC_10UA_I1 pin=169, data=4/4, code=4620, cur= 10.373
CC_10UA_I2 pin=169, data=1/4, code= 354, cur= 0.343
CC_10UA_I2 pin=169, data=2/4, code= 910, cur= 2.876
CC_10UA_I2 pin=169, data=3/4, code=2021, cur= 7.933
CC_10UA_I2 pin=169, data=4/4, code=2576, cur= 10.457
CC_10UA_IM pin=169, I1code=5321, I2code=5395
CC_250UA_I1 pin=169, data=1/4, code= 284, cur= 9.65
CC_250UA_I1 pin=169, data=2/4, code=1511, cur= 81.06
CC_250UA_I1 pin=169, data=3/4, code=4178, cur= 235.19
CC_250UA_I1 pin=169, data=4/4, code=5512, cur= 311.51
CC_250UA_I2 pin=169, data=1/4, code= 409, cur= 17.25
CC_250UA_I2 pin=169, data=2/4, code=1022, cur= 86.58
CC_250UA_I2 pin=169, data=3/4, code=2355, cur= 238.28
CC_250UA_I2 pin=169, data=4/4, code=3022, cur= 314.55
CC_250UA_IM pin=169, I1code=5835, I2code=5835
ALD_I1 pin=169, data=1/2, code= 510, cur= 1.400
ALD_I1 pin=169, data=2/2, code=4109, cur= 18.804
ALD_I2 pin=169, data=1/2, code= 510, cur= 1.933
ALD_I2 pin=169, data=2/2, code=4109, cur= 20.108
IM_10UA pin=169, data=1/5, cur=-10.000, code= 8566
IM_10UA pin=169, data=2/5, cur= -5.000, code=18312
IM_10UA pin=169, data=3/5, cur= 0.000, code=28013
IM_10UA pin=169, data=4/5, cur= 5.000, code=37724
IM_10UA pin=169, data=5/5, cur= 10.000, code=47490
IM_10UA pin=169, data=1/3, v=-2.0000, cur=1.59613e-05, code=28044
IM_10UA pin=169, data=2/3, v= 0.0000, cur=0.00000e+00, code=28013
IM_10UA pin=169, data=3/3, v= 5.0000, cur=-3.65942e-05, code=27942
IM_250UA pin=169, data=1/5, cur=-300.00, code= 7052
IM_250UA pin=169, data=2/5, cur=-150.00, code=18734
IM_250UA pin=169, data=3/5, cur= 0.00, code=30449
IM_250UA pin=169, data=4/5, cur= 150.00, code=42167
IM_250UA pin=169, data=5/5, cur= 300.00, code=53913
VM pin=169, data=1/4, volt=-1.5000, code=11715
VM pin=169, data=2/4, volt= 0.0000, code=17558
VM pin=169, data=3/4, volt= 3.0000, code=29243

VM pin=169, data=4/4, volt= 6.0000, code=40937
RPATH pin=169, R=1.53, V1=-0.0028, I1= 1.995, V2=-0.0303, I2= 19.997
CC_10UA_I1 pin=170, data=1/4, code= 621, cur= 1.172
CC_10UA_I1 pin=170, data=2/4, code=1287, cur= 2.736
CC_10UA_I1 pin=170, data=3/4, code=3509, cur= 7.937
CC_10UA_I1 pin=170, data=4/4, code=4620, cur= 10.546
CC_10UA_I2 pin=170, data=1/4, code= 354, cur= 0.387
CC_10UA_I2 pin=170, data=2/4, code= 910, cur= 2.988
CC_10UA_I2 pin=170, data=3/4, code=2021, cur= 8.177
CC_10UA_I2 pin=170, data=4/4, code=2576, cur= 10.759
CC_10UA_IM pin=170, I1code=5239, I2code=5262
CC_250UA_I1 pin=170, data=1/4, code= 284, cur= 10.84
CC_250UA_I1 pin=170, data=2/4, code=1511, cur= 82.76
CC_250UA_I1 pin=170, data=3/4, code=4178, cur= 238.20
CC_250UA_I1 pin=170, data=4/4, code=5512, cur= 315.17
CC_250UA_I2 pin=170, data=1/4, code= 409, cur= 18.18
CC_250UA_I2 pin=170, data=2/4, code=1022, cur= 88.10
CC_250UA_I2 pin=170, data=3/4, code=2355, cur= 239.89
CC_250UA_I2 pin=170, data=4/4, code=3022, cur= 316.02
CC_250UA_IM pin=170, I1code=5769, I2code=5855
ALD_I1 pin=170, data=1/2, code= 510, cur= 1.647
ALD_I1 pin=170, data=2/2, code=4109, cur= 19.274
ALD_I2 pin=170, data=1/2, code= 510, cur= 1.862
ALD_I2 pin=170, data=2/2, code=4109, cur= 20.108
IM_10UA pin=170, data=1/5, cur=-10.000, code= 9153
IM_10UA pin=170, data=2/5, cur= -5.000, code=18736
IM_10UA pin=170, data=3/5, cur= 0.000, code=28293
IM_10UA pin=170, data=4/5, cur= 5.000, code=37869
IM_10UA pin=170, data=5/5, cur= 10.000, code=47508
IM_10UA pin=170, data=1/3, v=-2.0000, cur=2.97619e-05, code=28350
IM_10UA pin=170, data=2/3, v= 0.0000, cur=0.00000e+00, code=28293
IM_10UA pin=170, data=3/3, v= 5.0000, cur=-3.81919e-05, code=28220
IM_250UA pin=170, data=1/5, cur=-300.00, code= 7702
IM_250UA pin=170, data=2/5, cur=-150.00, code=19268
IM_250UA pin=170, data=3/5, cur= 0.00, code=30874
IM_250UA pin=170, data=4/5, cur= 150.00, code=42489

IM_250UA pin=170, data=5/5, cur= 300.00, code=54129
VM pin=170, data=1/4, volt=-1.5000, code=11677
VM pin=170, data=2/4, volt= 0.0000, code=17547
VM pin=170, data=3/4, volt= 3.0000, code=29284
VM pin=170, data=4/4, volt= 6.0000, code=41030
RPATH pin=170, R=1.51, V1=-0.0033, I1= 2.000, V2=-0.0304, I2= 19.997
F CC_10UA_I1 pin=171, data=1/4, code= 621, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I1 pin=171, data=2/4, code=1287, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I1 pin=171, data=3/4, code=3509, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I1 pin=171, data=4/4, code=4620, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=171, data=1/4, code= 354, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=171, data=2/4, code= 910, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=171, data=3/4, code=2021, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=171, data=4/4, code=2576, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I1 pin=171, data=1/4, code= 284, cur= 337.35, Llim= -8.99, ULim= 18.64
F CC_250UA_I1 pin=171, data=2/4, code=1511, cur= 406.52, Llim= 47.53, ULim= 98.54
F CC_250UA_I1 pin=171, data=3/4, code=4178, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I1 pin=171, data=4/4, code=5512, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=171, data=1/4, code= 409, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=171, data=2/4, code=1022, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=171, data=3/4, code=2355, cur= -59.17, Llim= 155.34, ULim= 274.04
F CC_250UA_I2 pin=171, data=4/4, code=3022, cur= -12.50, Llim= 216.39, ULim= 357.89
ALD_I1 pin=171, data=1/2, code= 510, cur= 1.921
ALD_I1 pin=171, data=2/2, code=4109, cur= 19.233
ALD_I2 pin=171, data=1/2, code= 510, cur= 1.468
ALD_I2 pin=171, data=2/2, code=4109, cur= 19.546
F IM_10UA pin=171, data=1/5, cur=-10.000, code=55898, Llim= 3899, ULim=11355
F IM_10UA pin=171, data=2/5, cur= -5.000, code=55950, Llim=12267, ULim=22370
F IM_10UA pin=171, data=3/5, cur= 0.000, code=56030, Llim=20635, ULim=33385
F IM_10UA pin=171, data=4/5, cur= 5.000, code=56058, Llim=29003, ULim=44400
F IM_10UA pin=171, data=5/5, cur= 10.000, code=56165, Llim=37371, ULim=55415
F IM_250UA pin=171, data=1/5, cur=-300.00, code=38710, Llim= 3696, ULim=12218
F IM_250UA pin=171, data=2/5, cur=-150.00, code=45186, Llim=14556, ULim=25433
F IM_250UA pin=171, data=3/5, cur= 0.00, code=51198, Llim=25416, ULim=38648
F IM_250UA pin=171, data=4/5, cur= 150.00, code=56204, Llim=36276, ULim=51863
IM_250UA pin=171, data=5/5, cur= 300.00, code=59603

VM pin=171, data=1/4, volt=-1.5000, code=13670
VM pin=171, data=2/4, volt= 0.0000, code=17644
F VM pin=171, data=3/4, volt= 3.0000, code=21460, Llim=24570, ULim=34793
F VM pin=171, data=4/4, volt= 6.0000, code=21460, Llim=35331, ULim=48098
RPATH pin=171, R=1.51, V1=-0.0043, I1= 2.001, V2=-0.0315, I2= 20.000
CC_10UA_I1 pin=172, data=1/4, code= 621, cur= 1.029
CC_10UA_I1 pin=172, data=2/4, code=1287, cur= 2.558
CC_10UA_I1 pin=172, data=3/4, code=3509, cur= 7.648
CC_10UA_I1 pin=172, data=4/4, code=4620, cur= 10.200
CC_10UA_I2 pin=172, data=1/4, code= 354, cur= 0.046
CC_10UA_I2 pin=172, data=2/4, code= 910, cur= 2.529
CC_10UA_I2 pin=172, data=3/4, code=2021, cur= 7.516
CC_10UA_I2 pin=172, data=4/4, code=2576, cur= 9.995
CC_10UA_IM pin=172, I1code=5404, I2code=5534
CC_250UA_I1 pin=172, data=1/4, code= 284, cur= 9.23
CC_250UA_I1 pin=172, data=2/4, code=1511, cur= 79.63
CC_250UA_I1 pin=172, data=3/4, code=4178, cur= 231.73
CC_250UA_I1 pin=172, data=4/4, code=5512, cur= 307.19
CC_250UA_I2 pin=172, data=1/4, code= 409, cur= 9.52
CC_250UA_I2 pin=172, data=2/4, code=1022, cur= 77.47
CC_250UA_I2 pin=172, data=3/4, code=2355, cur= 225.13
CC_250UA_I2 pin=172, data=4/4, code=3022, cur= 298.93
CC_250UA_IM pin=172, I1code=5915, I2code=6102
ALD_I1 pin=172, data=1/2, code= 510, cur= 1.406
ALD_I1 pin=172, data=2/2, code=4109, cur= 18.943
ALD_I2 pin=172, data=1/2, code= 510, cur= 1.762
ALD_I2 pin=172, data=2/2, code=4109, cur= 20.134
IM_10UA pin=172, data=1/5, cur=-10.000, code= 9093
IM_10UA pin=172, data=2/5, cur= -5.000, code=18724
IM_10UA pin=172, data=3/5, cur= 0.000, code=28318
IM_10UA pin=172, data=4/5, cur= 5.000, code=37931
IM_10UA pin=172, data=5/5, cur= 10.000, code=47609
IM_10UA pin=172, data=1/3, v=-2.0000, cur=1.45636e-05, code=28346
IM_10UA pin=172, data=2/3, v= 0.0000, cur=0.00000e+00, code=28318
IM_10UA pin=172, data=3/3, v= 5.0000, cur=-3.54388e-05, code=28250
IM_250UA pin=172, data=1/5, cur=-300.00, code= 7613

IM_250UA pin=172, data=2/5, cur=-150.00, code=19212
IM_250UA pin=172, data=3/5, cur= 0.00, code=30847
IM_250UA pin=172, data=4/5, cur= 150.00, code=42489
IM_250UA pin=172, data=5/5, cur= 300.00, code=54156
VM pin=172, data=1/4, volt=-1.5000, code=11749
VM pin=172, data=2/4, volt= 0.0000, code=17637
VM pin=172, data=3/4, volt= 3.0000, code=29410
VM pin=172, data=4/4, volt= 6.0000, code=41186
RPATH pin=172, R=1.50, V1=-0.0031, I1= 1.995, V2=-0.0301, I2= 19.997
CC_10UA_I1 pin=173, data=1/4, code= 621, cur= 1.231
CC_10UA_I1 pin=173, data=2/4, code=1287, cur= 2.768
CC_10UA_I1 pin=173, data=3/4, code=3509, cur= 7.875
CC_10UA_I1 pin=173, data=4/4, code=4620, cur= 10.438
CC_10UA_I2 pin=173, data=1/4, code= 354, cur= 0.394
CC_10UA_I2 pin=173, data=2/4, code= 910, cur= 2.884
CC_10UA_I2 pin=173, data=3/4, code=2021, cur= 7.864
CC_10UA_I2 pin=173, data=4/4, code=2576, cur= 10.353
CC_10UA_IM pin=173, I1code=5297, I2code=5452
CC_250UA_I1 pin=173, data=1/4, code= 284, cur= 13.28
CC_250UA_I1 pin=173, data=2/4, code=1511, cur= 84.34
CC_250UA_I1 pin=173, data=3/4, code=4178, cur= 237.60
CC_250UA_I1 pin=173, data=4/4, code=5512, cur= 313.49
CC_250UA_I2 pin=173, data=1/4, code= 409, cur= 18.50
CC_250UA_I2 pin=173, data=2/4, code=1022, cur= 86.93
CC_250UA_I2 pin=173, data=3/4, code=2355, cur= 235.84
CC_250UA_I2 pin=173, data=4/4, code=3022, cur= 310.09
CC_250UA_IM pin=173, I1code=5802, I2code=5982
ALD_I1 pin=173, data=1/2, code= 510, cur= 1.600
ALD_I1 pin=173, data=2/2, code=4109, cur= 19.158
ALD_I2 pin=173, data=1/2, code= 510, cur= 1.694
ALD_I2 pin=173, data=2/2, code=4109, cur= 19.910
IM_10UA pin=173, data=1/5, cur=-10.000, code= 9111
IM_10UA pin=173, data=2/5, cur= -5.000, code=18801
IM_10UA pin=173, data=3/5, cur= 0.000, code=28436
IM_10UA pin=173, data=4/5, cur= 5.000, code=38084
IM_10UA pin=173, data=5/5, cur= 10.000, code=47776

IM_10UA pin=173, data=1/3, v=-2.0000, cur=1.96932e-05, code=28474
IM_10UA pin=173, data=2/3, v= 0.0000, cur=0.00000e+00, code=28436
IM_10UA pin=173, data=3/3, v= 5.0000, cur=-3.52880e-05, code=28368
IM_250UA pin=173, data=1/5, cur=-300.00, code= 7596
IM_250UA pin=173, data=2/5, cur=-150.00, code=19196
IM_250UA pin=173, data=3/5, cur= 0.00, code=30827
IM_250UA pin=173, data=4/5, cur= 150.00, code=42459
IM_250UA pin=173, data=5/5, cur= 300.00, code=54119
VM pin=173, data=1/4, volt=-1.5000, code=11639
VM pin=173, data=2/4, volt= 0.0000, code=17535
VM pin=173, data=3/4, volt= 3.0000, code=29321
VM pin=173, data=4/4, volt= 6.0000, code=41111
RPATH pin=173, R=1.48, V1=-0.0031, I1= 1.998, V2=-0.0298, I2= 19.998
F CC_10UA_I1 pin=174, data=1/4, code= 621, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I1 pin=174, data=2/4, code=1287, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I1 pin=174, data=3/4, code=3509, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I1 pin=174, data=4/4, code=4620, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=174, data=1/4, code= 354, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=174, data=2/4, code= 910, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=174, data=3/4, code=2021, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_10UA_I2 pin=174, data=4/4, code=2576, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I1 pin=174, data=1/4, code= 284, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I1 pin=174, data=2/4, code=1511, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I1 pin=174, data=3/4, code=4178, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I1 pin=174, data=4/4, code=5512, cur=999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=174, data=1/4, code= 409, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=174, data=2/4, code=1022, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=174, data=3/4, code=2355, cur=-999999984306749440000000.000 : Alarm(streg=4)
F CC_250UA_I2 pin=174, data=4/4, code=3022, cur=-999999984306749440000000.000 : Alarm(streg=4)
ALD_I1 pin=174, data=1/2, code= 510, cur= 1.937
ALD_I1 pin=174, data=2/2, code=4109, cur= 19.198
ALD_I2 pin=174, data=1/2, code= 510, cur= 0.930
ALD_I2 pin=174, data=2/2, code=4109, cur= 19.032
F IM_10UA pin=174, data=1/5, cur=-10.000, code=47300, Llim= 3899, ULim=11355
F IM_10UA pin=174, data=2/5, cur= -5.000, code=47366, Llim=12267, ULim=22370
F IM_10UA pin=174, data=3/5, cur= 0.000, code=47676, Llim=20635, ULim=33385

F IM_10UA pin=174, data=4/5, cur= 5.000, code=47834, Llim=29003, ULim=44400
IM_10UA pin=174, data=5/5, cur= 10.000, code=48065

F IM_250UA pin=174, data=1/5, cur=-300.00, code=33659, Llim= 3696, ULim=12218
F IM_250UA pin=174, data=2/5, cur=-150.00, code=38665, Llim=14556, ULim=25433
F IM_250UA pin=174, data=3/5, cur= 0.00, code=43620, Llim=25416, ULim=38648
IM_250UA pin=174, data=4/5, cur= 150.00, code=48271
IM_250UA pin=174, data=5/5, cur= 300.00, code=52359

F VM pin=174, data=1/4, volt=-1.5000, code=14850, Llim= 8427, ULim=14834
VM pin=174, data=2/4, volt= 0.0000, code=17519

F VM pin=174, data=3/4, volt= 3.0000, code=20598, Llim=24570, ULim=34793
F VM pin=174, data=4/4, volt= 6.0000, code=20598, Llim=35331, ULim=48098

RPATH pin=174, R=1.49, V1=-0.0363, I1= 1.986, V2=-0.0630, I2= 19.994

CC_10UA_I1 pin=175, data=1/4, code= 621, cur= 0.928
CC_10UA_I1 pin=175, data=2/4, code=1287, cur= 2.438
CC_10UA_I1 pin=175, data=3/4, code=3509, cur= 7.454
CC_10UA_I1 pin=175, data=4/4, code=4620, cur= 9.969
CC_10UA_I2 pin=175, data=1/4, code= 354, cur= 0.146
CC_10UA_I2 pin=175, data=2/4, code= 910, cur= 2.642
CC_10UA_I2 pin=175, data=3/4, code=2021, cur= 7.635
CC_10UA_I2 pin=175, data=4/4, code=2576, cur= 10.122
CC_10UA_IM pin=175, I1code=5517, I2code=5507
CC_250UA_I1 pin=175, data=1/4, code= 284, cur= 6.22
CC_250UA_I1 pin=175, data=2/4, code=1511, cur= 75.89
CC_250UA_I1 pin=175, data=3/4, code=4178, cur= 226.87
CC_250UA_I1 pin=175, data=4/4, code=5512, cur= 301.81
CC_250UA_I2 pin=175, data=1/4, code= 409, cur= 12.17
CC_250UA_I2 pin=175, data=2/4, code=1022, cur= 80.44
CC_250UA_I2 pin=175, data=3/4, code=2355, cur= 229.06
CC_250UA_I2 pin=175, data=4/4, code=3022, cur= 303.58
CC_250UA_IM pin=175, I1code=6014, I2code=6024

ALD_I1 pin=175, data=1/2, code= 510, cur= 1.432
ALD_I1 pin=175, data=2/2, code=4109, cur= 18.718
ALD_I2 pin=175, data=1/2, code= 510, cur= 1.616
ALD_I2 pin=175, data=2/2, code=4109, cur= 19.528

IM_10UA pin=175, data=1/5, cur=-10.000, code= 8724
IM_10UA pin=175, data=2/5, cur= -5.000, code=18688

IM_10UA pin=175, data=3/5, cur= 0.000, code=28597
IM_10UA pin=175, data=4/5, cur= 5.000, code=38511
IM_10UA pin=175, data=5/5, cur= 10.000, code=48473
IM_10UA pin=175, data=1/3, v=-2.0000, cur=1.76518e-05, code=28632
IM_10UA pin=175, data=2/3, v= 0.0000, cur=0.00000e+00, code=28597
IM_10UA pin=175, data=3/3, v= 5.0000, cur=-3.12847e-05, code=28535
IM_250UA pin=175, data=1/5, cur=-300.00, code= 7175
IM_250UA pin=175, data=2/5, cur=-150.00, code=19080
IM_250UA pin=175, data=3/5, cur= 0.00, code=30999
IM_250UA pin=175, data=4/5, cur= 150.00, code=42916
IM_250UA pin=175, data=5/5, cur= 300.00, code=54856
VM pin=175, data=1/4, volt=-1.5000, code=11426
VM pin=175, data=2/4, volt= 0.0000, code=17295
VM pin=175, data=3/4, volt= 3.0000, code=29028
VM pin=175, data=4/4, volt= 6.0000, code=40766
RPATH pin=175, R=1.55, V1=-0.0031, I1= 1.996, V2=-0.0309, I2= 19.999
CC_10UA_I1 pin=176, data=1/4, code= 621, cur= 0.905
CC_10UA_I1 pin=176, data=2/4, code=1287, cur= 2.375
CC_10UA_I1 pin=176, data=3/4, code=3509, cur= 7.262
CC_10UA_I1 pin=176, data=4/4, code=4620, cur= 9.712
CC_10UA_I2 pin=176, data=1/4, code= 354, cur= 0.349
CC_10UA_I2 pin=176, data=2/4, code= 910, cur= 2.801
CC_10UA_I2 pin=176, data=3/4, code=2021, cur= 7.700
CC_10UA_I2 pin=176, data=4/4, code=2576, cur= 10.137
CC_10UA_IM pin=176, I1code=5658, I2code=5568
CC_250UA_I1 pin=176, data=1/4, code= 284, cur= 6.21
CC_250UA_I1 pin=176, data=2/4, code=1511, cur= 73.89
CC_250UA_I1 pin=176, data=3/4, code=4178, cur= 220.70
CC_250UA_I1 pin=176, data=4/4, code=5512, cur= 293.61
CC_250UA_I2 pin=176, data=1/4, code= 409, cur= 16.76
CC_250UA_I2 pin=176, data=2/4, code=1022, cur= 83.04
CC_250UA_I2 pin=176, data=3/4, code=2355, cur= 226.96
CC_250UA_I2 pin=176, data=4/4, code=3022, cur= 298.71
CC_250UA_IM pin=176, I1code=6178, I2code=6196
ALD_I1 pin=176, data=1/2, code= 510, cur= 1.284
ALD_I1 pin=176, data=2/2, code=4109, cur= 18.399

ALD_I2 pin=176, data=1/2, code= 510, cur= 1.737
ALD_I2 pin=176, data=2/2, code=4109, cur= 19.506
IM_10UA pin=176, data=1/5, cur=-10.000, code= 9285
IM_10UA pin=176, data=2/5, cur= -5.000, code=19464
IM_10UA pin=176, data=3/5, cur= 0.000, code=29598
IM_10UA pin=176, data=4/5, cur= 5.000, code=39745
IM_10UA pin=176, data=5/5, cur= 10.000, code=49951
IM_10UA pin=176, data=1/3, v=-2.0000, cur=2.02030e-05, code=29639
IM_10UA pin=176, data=2/3, v= 0.0000, cur=0.00000e+00, code=29598
IM_10UA pin=176, data=3/3, v= 5.0000, cur=-3.60174e-05, code=29525
IM_250UA pin=176, data=1/5, cur=-300.00, code= 7717
IM_250UA pin=176, data=2/5, cur=-150.00, code=19949
IM_250UA pin=176, data=3/5, cur= 0.00, code=32206
IM_250UA pin=176, data=4/5, cur= 150.00, code=44462
IM_250UA pin=176, data=5/5, cur= 300.00, code=56745
VM pin=176, data=1/4, volt=-1.5000, code=11553
VM pin=176, data=2/4, volt= 0.0000, code=17419
VM pin=176, data=3/4, volt= 3.0000, code=29148
VM pin=176, data=4/4, volt= 6.0000, code=40881
RPATH pin=176, R=1.52, V1=-0.0031, I1= 1.996, V2=-0.0304, I2= 19.999
CC_10UA_I1 pin=177, data=1/4, code= 621, cur= 1.164
CC_10UA_I1 pin=177, data=2/4, code=1287, cur= 2.682
CC_10UA_I1 pin=177, data=3/4, code=3509, cur= 7.732
CC_10UA_I1 pin=177, data=4/4, code=4620, cur= 10.265
CC_10UA_I2 pin=177, data=1/4, code= 354, cur= 0.076
CC_10UA_I2 pin=177, data=2/4, code= 910, cur= 2.538
CC_10UA_I2 pin=177, data=3/4, code=2021, cur= 7.465
CC_10UA_I2 pin=177, data=4/4, code=2576, cur= 9.926
CC_10UA_IM pin=177, I1code=5381, I2code=5581
CC_250UA_I1 pin=177, data=1/4, code= 284, cur= 10.17
CC_250UA_I1 pin=177, data=2/4, code=1511, cur= 80.15
CC_250UA_I1 pin=177, data=3/4, code=4178, cur= 231.43
CC_250UA_I1 pin=177, data=4/4, code=5512, cur= 306.35
CC_250UA_I2 pin=177, data=1/4, code= 409, cur= 10.74
CC_250UA_I2 pin=177, data=2/4, code=1022, cur= 78.28
CC_250UA_I2 pin=177, data=3/4, code=2355, cur= 225.22

CC_250UA_I2 pin=177, data=4/4, code=3022, cur= 298.62
CC_250UA_IM pin=177, I1code=5933, I2code=6122
ALD_I1 pin=177, data=1/2, code= 510, cur= 1.410
ALD_I1 pin=177, data=2/2, code=4109, cur= 18.550
ALD_I2 pin=177, data=1/2, code= 510, cur= 1.657
ALD_I2 pin=177, data=2/2, code=4109, cur= 19.422
IM_10UA pin=177, data=1/5, cur=-10.000, code= 9831
IM_10UA pin=177, data=2/5, cur= -5.000, code=19936
IM_10UA pin=177, data=3/5, cur= 0.000, code=29971
IM_10UA pin=177, data=4/5, cur= 5.000, code=40000
IM_10UA pin=177, data=5/5, cur= 10.000, code=50070
IM_10UA pin=177, data=1/3, v=-2.0000, cur=1.99422e-05, code=30011
IM_10UA pin=177, data=2/3, v= 0.0000, cur=0.00000e+00, code=29971
IM_10UA pin=177, data=3/3, v= 5.0000, cur=-3.63727e-05, code=29898
IM_250UA pin=177, data=1/5, cur=-300.00, code= 8229
IM_250UA pin=177, data=2/5, cur=-150.00, code=20167
IM_250UA pin=177, data=3/5, cur= 0.00, code=32097
IM_250UA pin=177, data=4/5, cur= 150.00, code=44020
IM_250UA pin=177, data=5/5, cur= 300.00, code=55965
VM pin=177, data=1/4, volt=-1.5000, code=11862
VM pin=177, data=2/4, volt= 0.0000, code=17760
VM pin=177, data=3/4, volt= 3.0000, code=29551
VM pin=177, data=4/4, volt= 6.0000, code=41345
RPATH pin=177, R=1.55, V1=-0.0028, I1= 1.995, V2=-0.0308, I2= 20.002
CC_10UA_I1 pin=178, data=1/4, code= 621, cur= 0.938
CC_10UA_I1 pin=178, data=2/4, code=1287, cur= 2.454
CC_10UA_I1 pin=178, data=3/4, code=3509, cur= 7.492
CC_10UA_I1 pin=178, data=4/4, code=4620, cur= 10.015
CC_10UA_I2 pin=178, data=1/4, code= 354, cur= 0.031
CC_10UA_I2 pin=178, data=2/4, code= 910, cur= 2.484
CC_10UA_I2 pin=178, data=3/4, code=2021, cur= 7.391
CC_10UA_I2 pin=178, data=4/4, code=2576, cur= 9.838
CC_10UA_IM pin=178, I1code=5494, I2code=5618
CC_250UA_I1 pin=178, data=1/4, code= 284, cur= 5.54
CC_250UA_I1 pin=178, data=2/4, code=1511, cur= 75.28
CC_250UA_I1 pin=178, data=3/4, code=4178, cur= 226.47

CC_250UA_I1 pin=178, data=4/4, code=5512, cur= 301.42
CC_250UA_I2 pin=178, data=1/4, code= 409, cur= 9.49
CC_250UA_I2 pin=178, data=2/4, code=1022, cur= 76.25
CC_250UA_I2 pin=178, data=3/4, code=2355, cur= 221.37
CC_250UA_I2 pin=178, data=4/4, code=3022, cur= 293.91
CC_250UA_IM pin=178, I1code=6021, I2code=6214
ALD_I1 pin=178, data=1/2, code= 510, cur= 1.257
ALD_I1 pin=178, data=2/2, code=4109, cur= 18.380
ALD_I2 pin=178, data=1/2, code= 510, cur= 1.243
ALD_I2 pin=178, data=2/2, code=4109, cur= 19.058
IM_10UA pin=178, data=1/5, cur=-10.000, code= 9426
IM_10UA pin=178, data=2/5, cur= -5.000, code=19381
IM_10UA pin=178, data=3/5, cur= 0.000, code=29285
IM_10UA pin=178, data=4/5, cur= 5.000, code=39195
IM_10UA pin=178, data=5/5, cur= 10.000, code=49156
IM_10UA pin=178, data=1/3, v=-2.0000, cur=1.91726e-05, code=29323
IM_10UA pin=178, data=2/3, v= 0.0000, cur=0.00000e+00, code=29285
IM_10UA pin=178, data=3/3, v= 5.0000, cur=-3.78635e-05, code=29210
IM_250UA pin=178, data=1/5, cur=-300.00, code= 7897
IM_250UA pin=178, data=2/5, cur=-150.00, code=19793
IM_250UA pin=178, data=3/5, cur= 0.00, code=31720
IM_250UA pin=178, data=4/5, cur= 150.00, code=43645
IM_250UA pin=178, data=5/5, cur= 300.00, code=55607
VM pin=178, data=1/4, volt=-1.5000, code=11550
VM pin=178, data=2/4, volt= 0.0000, code=17438
VM pin=178, data=3/4, volt= 3.0000, code=29209
VM pin=178, data=4/4, volt= 6.0000, code=40983
RPATH pin=178, R=1.54, V1=-0.0031, I1= 1.988, V2=-0.0308, I2= 20.000
CC_10UA_I1 pin=179, data=1/4, code= 621, cur= 1.128
CC_10UA_I1 pin=179, data=2/4, code=1287, cur= 2.693
CC_10UA_I1 pin=179, data=3/4, code=3509, cur= 7.892
CC_10UA_I1 pin=179, data=4/4, code=4620, cur= 10.502
CC_10UA_I2 pin=179, data=1/4, code= 354, cur= 0.252
CC_10UA_I2 pin=179, data=2/4, code= 910, cur= 2.814
CC_10UA_I2 pin=179, data=3/4, code=2021, cur= 7.931
CC_10UA_I2 pin=179, data=4/4, code=2576, cur= 10.481

CC_10UA_IM pin=179, I1code=5258, I2code=5356
CC_250UA_I1 pin=179, data=1/4, code= 284, cur= 10.01
CC_250UA_I1 pin=179, data=2/4, code=1511, cur= 82.18
CC_250UA_I1 pin=179, data=3/4, code=4178, cur= 237.91
CC_250UA_I1 pin=179, data=4/4, code=5512, cur= 315.00
CC_250UA_I2 pin=179, data=1/4, code= 409, cur= 15.24
CC_250UA_I2 pin=179, data=2/4, code=1022, cur= 85.23
CC_250UA_I2 pin=179, data=3/4, code=2355, cur= 237.33
CC_250UA_I2 pin=179, data=4/4, code=3022, cur= 313.33
CC_250UA_IM pin=179, I1code=5772, I2code=5887
ALD_I1 pin=179, data=1/2, code= 510, cur= 1.290
ALD_I1 pin=179, data=2/2, code=4109, cur= 18.949
ALD_I2 pin=179, data=1/2, code= 510, cur= 1.701
ALD_I2 pin=179, data=2/2, code=4109, cur= 19.882
IM_10UA pin=179, data=1/5, cur=-10.000, code= 9099
IM_10UA pin=179, data=2/5, cur= -5.000, code=18666
IM_10UA pin=179, data=3/5, cur= 0.000, code=28196
IM_10UA pin=179, data=4/5, cur= 5.000, code=37749
IM_10UA pin=179, data=5/5, cur= 10.000, code=47356
IM_10UA pin=179, data=1/3, v=-2.0000, cur=1.93656e-05, code=28233
IM_10UA pin=179, data=2/3, v= 0.0000, cur=0.00000e+00, code=28196
IM_10UA pin=179, data=3/3, v= 5.0000, cur=-3.56768e-05, code=28128
IM_250UA pin=179, data=1/5, cur=-300.00, code= 7619
IM_250UA pin=179, data=2/5, cur=-150.00, code=19132
IM_250UA pin=179, data=3/5, cur= 0.00, code=30666
IM_250UA pin=179, data=4/5, cur= 150.00, code=42211
IM_250UA pin=179, data=5/5, cur= 300.00, code=53784
VM pin=179, data=1/4, volt=-1.5000, code=11623
VM pin=179, data=2/4, volt= 0.0000, code=17532
VM pin=179, data=3/4, volt= 3.0000, code=29343
VM pin=179, data=4/4, volt= 6.0000, code=41159
RPATH pin=179, R=1.52, V1=-0.0028, I1= 1.999, V2=-0.0302, I2= 19.999
CC_10UA_I1 pin=180, data=1/4, code= 621, cur= 0.912
CC_10UA_I1 pin=180, data=2/4, code=1287, cur= 2.443
CC_10UA_I1 pin=180, data=3/4, code=3509, cur= 7.523
CC_10UA_I1 pin=180, data=4/4, code=4620, cur= 10.075

CC_10UA_I2 pin=180, data=1/4, code= 354, cur= -0.332
CC_10UA_I2 pin=180, data=2/4, code= 910, cur= 2.225
CC_10UA_I2 pin=180, data=3/4, code=2021, cur= 7.330
CC_10UA_I2 pin=180, data=4/4, code=2576, cur= 9.872
CC_10UA_IM pin=180, I1code=5458, I2code=5499
CC_250UA_I1 pin=180, data=1/4, code= 284, cur= 5.49
CC_250UA_I1 pin=180, data=2/4, code=1511, cur= 76.04
CC_250UA_I1 pin=180, data=3/4, code=4178, cur= 229.24
CC_250UA_I1 pin=180, data=4/4, code=5512, cur= 305.28
CC_250UA_I2 pin=180, data=1/4, code= 409, cur= 0.73
CC_250UA_I2 pin=180, data=2/4, code=1022, cur= 69.98
CC_250UA_I2 pin=180, data=3/4, code=2355, cur= 221.03
CC_250UA_I2 pin=180, data=4/4, code=3022, cur= 296.82
CC_250UA_IM pin=180, I1code=5946, I2code=6025
ALD_I1 pin=180, data=1/2, code= 510, cur= 1.220
ALD_I1 pin=180, data=2/2, code=4109, cur= 18.771
ALD_I2 pin=180, data=1/2, code= 510, cur= 1.675
ALD_I2 pin=180, data=2/2, code=4109, cur= 19.852
IM_10UA pin=180, data=1/5, cur=-10.000, code= 9095
IM_10UA pin=180, data=2/5, cur= -5.000, code=18754
IM_10UA pin=180, data=3/5, cur= 0.000, code=28371
IM_10UA pin=180, data=4/5, cur= 5.000, code=38000
IM_10UA pin=180, data=5/5, cur= 10.000, code=47687
IM_10UA pin=180, data=1/3, v=-2.0000, cur=1.97321e-05, code=28409
IM_10UA pin=180, data=2/3, v= 0.0000, cur=0.00000e+00, code=28371
IM_10UA pin=180, data=3/3, v= 5.0000, cur=-3.63939e-05, code=28301
IM_250UA pin=180, data=1/5, cur=-300.00, code= 7609
IM_250UA pin=180, data=2/5, cur=-150.00, code=19203
IM_250UA pin=180, data=3/5, cur= 0.00, code=30835
IM_250UA pin=180, data=4/5, cur= 150.00, code=42478
IM_250UA pin=180, data=5/5, cur= 300.00, code=54152
VM pin=180, data=1/4, volt=-1.5000, code=11567
VM pin=180, data=2/4, volt= 0.0000, code=17491
VM pin=180, data=3/4, volt= 3.0000, code=29331
VM pin=180, data=4/4, volt= 6.0000, code=41175
RPATH pin=180, R=1.56, V1=-0.0030, I1= 1.997, V2=-0.0311, I2= 19.999

CC_10UA_I1 pin=181, data=1/4, code= 621, cur= 1.009
CC_10UA_I1 pin=181, data=2/4, code=1287, cur= 2.548
CC_10UA_I1 pin=181, data=3/4, code=3509, cur= 7.654
CC_10UA_I1 pin=181, data=4/4, code=4620, cur= 10.218
CC_10UA_I2 pin=181, data=1/4, code= 354, cur= -0.195
CC_10UA_I2 pin=181, data=2/4, code= 910, cur= 2.305
CC_10UA_I2 pin=181, data=3/4, code=2021, cur= 7.296
CC_10UA_I2 pin=181, data=4/4, code=2576, cur= 9.790
CC_10UA_IM pin=181, I1code=5392, I2code=5573
CC_250UA_I1 pin=181, data=1/4, code= 284, cur= 6.83
CC_250UA_I1 pin=181, data=2/4, code=1511, cur= 77.55
CC_250UA_I1 pin=181, data=3/4, code=4178, cur= 230.16
CC_250UA_I1 pin=181, data=4/4, code=5512, cur= 305.68
CC_250UA_I2 pin=181, data=1/4, code= 409, cur= 3.97
CC_250UA_I2 pin=181, data=2/4, code=1022, cur= 72.75
CC_250UA_I2 pin=181, data=3/4, code=2355, cur= 222.52
CC_250UA_I2 pin=181, data=4/4, code=3022, cur= 297.46
CC_250UA_IM pin=181, I1code=5942, I2code=6066
ALD_I1 pin=181, data=1/2, code= 510, cur= 1.417
ALD_I1 pin=181, data=2/2, code=4109, cur= 18.628
ALD_I2 pin=181, data=1/2, code= 510, cur= 1.556
ALD_I2 pin=181, data=2/2, code=4109, cur= 19.467
IM_10UA pin=181, data=1/5, cur=-10.000, code= 9424
IM_10UA pin=181, data=2/5, cur= -5.000, code=19259
IM_10UA pin=181, data=3/5, cur= 0.000, code=29041
IM_10UA pin=181, data=4/5, cur= 5.000, code=38830
IM_10UA pin=181, data=5/5, cur= 10.000, code=48665
IM_10UA pin=181, data=1/3, v=-2.0000, cur=1.53233e-05, code=29071
IM_10UA pin=181, data=2/3, v= 0.0000, cur=0.00000e+00, code=29041
IM_10UA pin=181, data=3/3, v= 5.0000, cur=-3.06686e-05, code=28981
IM_250UA pin=181, data=1/5, cur=-300.00, code= 7893
IM_250UA pin=181, data=2/5, cur=-150.00, code=19609
IM_250UA pin=181, data=3/5, cur= 0.00, code=31332
IM_250UA pin=181, data=4/5, cur= 150.00, code=43053
IM_250UA pin=181, data=5/5, cur= 300.00, code=54798
VM pin=181, data=1/4, volt=-1.5000, code=11701

VM pin=181, data=2/4, volt= 0.0000, code=17557
VM pin=181, data=3/4, volt= 3.0000, code=29263
VM pin=181, data=4/4, volt= 6.0000, code=40975
RPATH pin=181, R=1.54, V1=-0.0031, I1= 1.993, V2=-0.0307, I2= 20.000
CC_10UA_I1 pin=182, data=1/4, code= 621, cur= 1.083
CC_10UA_I1 pin=182, data=2/4, code=1287, cur= 2.634
CC_10UA_I1 pin=182, data=3/4, code=3509, cur= 7.793
CC_10UA_I1 pin=182, data=4/4, code=4620, cur= 10.381
CC_10UA_I2 pin=182, data=1/4, code= 354, cur= 0.058
CC_10UA_I2 pin=182, data=2/4, code= 910, cur= 2.605
CC_10UA_I2 pin=182, data=3/4, code=2021, cur= 7.691
CC_10UA_I2 pin=182, data=4/4, code=2576, cur= 10.228
CC_10UA_IM pin=182, I1code=5315, I2code=5428
CC_250UA_I1 pin=182, data=1/4, code= 284, cur= 8.79
CC_250UA_I1 pin=182, data=2/4, code=1511, cur= 80.26
CC_250UA_I1 pin=182, data=3/4, code=4178, cur= 234.83
CC_250UA_I1 pin=182, data=4/4, code=5512, cur= 311.43
CC_250UA_I2 pin=182, data=1/4, code= 409, cur= 9.91
CC_250UA_I2 pin=182, data=2/4, code=1022, cur= 78.78
CC_250UA_I2 pin=182, data=3/4, code=2355, cur= 228.08
CC_250UA_I2 pin=182, data=4/4, code=3022, cur= 302.75
CC_250UA_IM pin=182, I1code=5835, I2code=6041
ALD_I1 pin=182, data=1/2, code= 510, cur= 1.610
ALD_I1 pin=182, data=2/2, code=4109, cur= 18.918
ALD_I2 pin=182, data=1/2, code= 510, cur= 1.758
ALD_I2 pin=182, data=2/2, code=4109, cur= 19.931
IM_10UA pin=182, data=1/5, cur=-10.000, code= 8877
IM_10UA pin=182, data=2/5, cur= -5.000, code=18506
IM_10UA pin=182, data=3/5, cur= 0.000, code=28106
IM_10UA pin=182, data=4/5, cur= 5.000, code=37731
IM_10UA pin=182, data=5/5, cur= 10.000, code=47414
IM_10UA pin=182, data=1/3, v=-2.0000, cur=2.12987e-05, code=28147
IM_10UA pin=182, data=2/3, v= 0.0000, cur=0.00000e+00, code=28106
IM_10UA pin=182, data=3/3, v= 5.0000, cur=-3.54167e-05, code=28038
IM_250UA pin=182, data=1/5, cur=-300.00, code= 7426
IM_250UA pin=182, data=2/5, cur=-150.00, code=19069

IM_250UA pin=182, data=3/5, cur= 0.00, code=30757
IM_250UA pin=182, data=4/5, cur= 150.00, code=42452
IM_250UA pin=182, data=5/5, cur= 300.00, code=54177
VM pin=182, data=1/4, volt=-1.5000, code=11517
VM pin=182, data=2/4, volt= 0.0000, code=17354
VM pin=182, data=3/4, volt= 3.0000, code=29024
VM pin=182, data=4/4, volt= 6.0000, code=40700
RPATH pin=182, R=1.56, V1=-0.0031, I1= 1.992, V2=-0.0311, I2= 19.997
CC_10UA_I1 pin=183, data=1/4, code= 621, cur= 0.989
CC_10UA_I1 pin=183, data=2/4, code=1287, cur= 2.549
CC_10UA_I1 pin=183, data=3/4, code=3509, cur= 7.737
CC_10UA_I1 pin=183, data=4/4, code=4620, cur= 10.340
CC_10UA_I2 pin=183, data=1/4, code= 354, cur= 0.047
CC_10UA_I2 pin=183, data=2/4, code= 910, cur= 2.594
CC_10UA_I2 pin=183, data=3/4, code=2021, cur= 7.672
CC_10UA_I2 pin=183, data=4/4, code=2576, cur= 10.205
CC_10UA_IM pin=183, I1code=5329, I2code=5439
CC_250UA_I1 pin=183, data=1/4, code= 284, cur= 8.47
CC_250UA_I1 pin=183, data=2/4, code=1511, cur= 80.56
CC_250UA_I1 pin=183, data=3/4, code=4178, cur= 236.53
CC_250UA_I1 pin=183, data=4/4, code=5512, cur= 313.83
CC_250UA_I2 pin=183, data=1/4, code= 409, cur= 11.54
CC_250UA_I2 pin=183, data=2/4, code=1022, cur= 80.85
CC_250UA_I2 pin=183, data=3/4, code=2355, cur= 231.27
CC_250UA_I2 pin=183, data=4/4, code=3022, cur= 306.41
CC_250UA_IM pin=183, I1code=5791, I2code=5865
ALD_I1 pin=183, data=1/2, code= 510, cur= 1.391
ALD_I1 pin=183, data=2/2, code=4109, cur= 18.847
ALD_I2 pin=183, data=1/2, code= 510, cur= 1.709
ALD_I2 pin=183, data=2/2, code=4109, cur= 19.796
IM_10UA pin=183, data=1/5, cur=-10.000, code= 9648
IM_10UA pin=183, data=2/5, cur= -5.000, code=19272
IM_10UA pin=183, data=3/5, cur= 0.000, code=28872
IM_10UA pin=183, data=4/5, cur= 5.000, code=38497
IM_10UA pin=183, data=5/5, cur= 10.000, code=48178
IM_10UA pin=183, data=1/3, v=-2.0000, cur=1.66234e-05, code=28904

IM_10UA pin=183, data=2/3, v= 0.0000, cur=0.00000e+00, code=28872
IM_10UA pin=183, data=3/3, v= 5.0000, cur=-3.54167e-05, code=28804
IM_250UA pin=183, data=1/5, cur=-300.00, code= 8247
IM_250UA pin=183, data=2/5, cur=-150.00, code=19834
IM_250UA pin=183, data=3/5, cur= 0.00, code=31511
IM_250UA pin=183, data=4/5, cur= 150.00, code=43215
IM_250UA pin=183, data=5/5, cur= 300.00, code=54997
VM pin=183, data=1/4, volt=-1.5000, code=11659
VM pin=183, data=2/4, volt= 0.0000, code=17534
VM pin=183, data=3/4, volt= 3.0000, code=29280
VM pin=183, data=4/4, volt= 6.0000, code=41030
RPATH pin=183, R=1.60, V1=-0.0031, I1= 1.993, V2=-0.0319, I2= 19.999
CC_10UA_I1 pin=184, data=1/4, code= 621, cur= 0.843
CC_10UA_I1 pin=184, data=2/4, code=1287, cur= 2.402
CC_10UA_I1 pin=184, data=3/4, code=3509, cur= 7.583
CC_10UA_I1 pin=184, data=4/4, code=4620, cur= 10.185
CC_10UA_I2 pin=184, data=1/4, code= 354, cur= -0.348
CC_10UA_I2 pin=184, data=2/4, code= 910, cur= 2.151
CC_10UA_I2 pin=184, data=3/4, code=2021, cur= 7.164
CC_10UA_I2 pin=184, data=4/4, code=2576, cur= 9.663
CC_10UA_IM pin=184, I1code=5395, I2code=5582
CC_250UA_I1 pin=184, data=1/4, code= 284, cur= 4.92
CC_250UA_I1 pin=184, data=2/4, code=1511, cur= 76.80
CC_250UA_I1 pin=184, data=3/4, code=4178, cur= 232.50
CC_250UA_I1 pin=184, data=4/4, code=5512, cur= 309.74
CC_250UA_I2 pin=184, data=1/4, code= 409, cur= 2.32
CC_250UA_I2 pin=184, data=2/4, code=1022, cur= 70.74
CC_250UA_I2 pin=184, data=3/4, code=2355, cur= 220.05
CC_250UA_I2 pin=184, data=4/4, code=3022, cur= 294.79
CC_250UA_IM pin=184, I1code=5862, I2code=5991
ALD_I1 pin=184, data=1/2, code= 510, cur= 1.068
ALD_I1 pin=184, data=2/2, code=4109, cur= 18.637
ALD_I2 pin=184, data=1/2, code= 510, cur= 1.449
ALD_I2 pin=184, data=2/2, code=4109, cur= 19.620
IM_10UA pin=184, data=1/5, cur=-10.000, code= 9852
IM_10UA pin=184, data=2/5, cur= -5.000, code=19771

IM_10UA pin=184, data=3/5, cur= 0.000, code=29630
IM_10UA pin=184, data=4/5, cur= 5.000, code=39497
IM_10UA pin=184, data=5/5, cur= 10.000, code=49413
IM_10UA pin=184, data=1/3, v=-2.0000, cur=1.26685e-05, code=29655
IM_10UA pin=184, data=2/3, v= 0.0000, cur=0.00000e+00, code=29630
IM_10UA pin=184, data=3/3, v= 5.0000, cur=-3.24577e-05, code=29566
IM_250UA pin=184, data=1/5, cur=-300.00, code= 8374
IM_250UA pin=184, data=2/5, cur=-150.00, code=20157
IM_250UA pin=184, data=3/5, cur= 0.00, code=31986
IM_250UA pin=184, data=4/5, cur= 150.00, code=43828
IM_250UA pin=184, data=5/5, cur= 300.00, code=55739
VM pin=184, data=1/4, volt=-1.5000, code=11715
VM pin=184, data=2/4, volt= 0.0000, code=17583
VM pin=184, data=3/4, volt= 3.0000, code=29313
VM pin=184, data=4/4, volt= 6.0000, code=41048
RPATH pin=184, R=1.65, V1=-0.0031, I1= 1.994, V2=-0.0327, I2= 20.000
DCL_H pin= 1, data1/2, code= 433, volt=-0.0219
DCL_H pin= 1, data2/2, code=5100, volt= 6.9902
DCL_H pin= 2, data1/2, code= 433, volt=-0.0196
DCL_H pin= 2, data2/2, code=5100, volt= 6.9540
DCL_H pin= 3, data1/2, code= 433, volt=-0.0170
DCL_H pin= 3, data2/2, code=5100, volt= 6.9705
DCL_H pin= 4, data1/2, code= 433, volt=-0.0424
DCL_H pin= 4, data2/2, code=5100, volt= 6.9576
DCL_H pin= 5, data1/2, code= 433, volt=-0.0531
DCL_H pin= 5, data2/2, code=5100, volt= 6.9417
DCL_H pin= 6, data1/2, code= 433, volt=-0.0175
DCL_H pin= 6, data2/2, code=5100, volt= 6.9879
DCL_H pin= 7, data1/2, code= 433, volt=-0.0198
DCL_H pin= 7, data2/2, code=5100, volt= 6.9748
DCL_H pin= 8, data1/2, code= 433, volt=-0.0560
DCL_H pin= 8, data2/2, code=5100, volt= 6.9245
DCL_H pin= 9, data1/2, code= 433, volt=-0.0064
DCL_H pin= 9, data2/2, code=5100, volt= 6.9921
DCL_H pin= 10, data1/2, code= 433, volt=-0.0454
DCL_H pin= 10, data2/2, code=5100, volt= 6.9324

DCL_H pin= 11, data1/2, code= 433, volt= 0.0151
DCL_H pin= 11, data2/2, code=5100, volt= 7.0111
DCL_H pin= 12, data1/2, code= 433, volt=-0.0302
DCL_H pin= 12, data2/2, code=5100, volt= 6.9612
DCL_H pin= 13, data1/2, code= 433, volt=-0.0405
DCL_H pin= 13, data2/2, code=5100, volt= 6.9807
DCL_H pin= 14, data1/2, code= 433, volt=-0.0417
DCL_H pin= 14, data2/2, code=5100, volt= 6.9766
DCL_H pin= 15, data1/2, code= 433, volt=-0.0455
DCL_H pin= 15, data2/2, code=5100, volt= 6.9560
DCL_H pin= 16, data1/2, code= 433, volt=-0.0486
DCL_H pin= 16, data2/2, code=5100, volt= 6.9480
DCL_H pin= 17, data1/2, code= 433, volt=-0.0123
DCL_H pin= 17, data2/2, code=5100, volt= 6.9803
DCL_H pin= 18, data1/2, code= 433, volt= 0.0120
DCL_H pin= 18, data2/2, code=5100, volt= 7.0046
DCL_H pin= 19, data1/2, code= 433, volt=-0.0473
DCL_H pin= 19, data2/2, code=5100, volt= 6.9468
DCL_H pin= 20, data1/2, code= 433, volt=-0.0345
DCL_H pin= 20, data2/2, code=5100, volt= 6.9547
DCL_H pin= 21, data1/2, code= 433, volt=-0.0205
DCL_H pin= 21, data2/2, code=5100, volt= 7.0045
DCL_H pin= 22, data1/2, code= 433, volt=-0.0240
DCL_H pin= 22, data2/2, code=5100, volt= 6.9685
DCL_H pin= 23, data1/2, code= 433, volt=-0.0146
DCL_H pin= 23, data2/2, code=5100, volt= 6.9827
DCL_H pin= 24, data1/2, code= 433, volt=-0.0249
DCL_H pin= 24, data2/2, code=5100, volt= 6.9704
DCL_H pin= 25, data1/2, code= 433, volt= 0.0031
DCL_H pin= 25, data2/2, code=5100, volt= 7.0052
DCL_H pin= 26, data1/2, code= 433, volt= 0.0245
DCL_H pin= 26, data2/2, code=5100, volt= 7.0233
DCL_H pin= 27, data1/2, code= 433, volt= 0.0105
DCL_H pin= 27, data2/2, code=5100, volt= 7.0044
DCL_H pin= 28, data1/2, code= 433, volt=-0.0258
DCL_H pin= 28, data2/2, code=5100, volt= 6.9752

DCL_H pin= 29, data1/2, code= 433, volt= 0.0441
DCL_H pin= 29, data2/2, code=5100, volt= 7.0395
DCL_H pin= 30, data1/2, code= 433, volt= 0.0194
DCL_H pin= 30, data2/2, code=5100, volt= 6.9857
DCL_H pin= 31, data1/2, code= 433, volt= 0.0355
DCL_H pin= 31, data2/2, code=5100, volt= 7.0353
DCL_H pin= 32, data1/2, code= 433, volt= 0.0195
DCL_H pin= 32, data2/2, code=5100, volt= 7.0157
DCL_H pin= 33, data1/2, code= 433, volt=-0.0115
DCL_H pin= 33, data2/2, code=5100, volt= 6.9751
DCL_H pin= 34, data1/2, code= 433, volt=-0.0532
DCL_H pin= 34, data2/2, code=5100, volt= 6.9277
DCL_H pin= 35, data1/2, code= 433, volt=-0.0081
DCL_H pin= 35, data2/2, code=5100, volt= 6.9711
DCL_H pin= 36, data1/2, code= 433, volt=-0.0239
DCL_H pin= 36, data2/2, code=5100, volt= 6.9727
DCL_H pin= 37, data1/2, code= 433, volt=-0.0240
DCL_H pin= 37, data2/2, code=5100, volt= 6.9823
DCL_H pin= 38, data1/2, code= 433, volt=-0.0258
DCL_H pin= 38, data2/2, code=5100, volt= 6.9810
DCL_H pin= 39, data1/2, code= 433, volt=-0.0089
DCL_H pin= 39, data2/2, code=5100, volt= 6.9684
DCL_H pin= 40, data1/2, code= 433, volt=-0.0123
DCL_H pin= 40, data2/2, code=5100, volt= 6.9802
DCL_H pin= 41, data1/2, code= 433, volt= 0.0066
DCL_H pin= 41, data2/2, code=5100, volt= 6.9834
DCL_H pin= 42, data1/2, code= 433, volt=-0.0025
DCL_H pin= 42, data2/2, code=5100, volt= 6.9659
DCL_H pin= 43, data1/2, code= 433, volt=-0.0168
DCL_H pin= 43, data2/2, code=5100, volt= 6.9711
DCL_H pin= 44, data1/2, code= 433, volt=-0.0123
DCL_H pin= 44, data2/2, code=5100, volt= 6.9832
DCL_H pin= 45, data1/2, code= 433, volt= 0.0161
DCL_H pin= 45, data2/2, code=5100, volt= 6.9899
DCL_H pin= 46, data1/2, code= 433, volt=-0.0358
DCL_H pin= 46, data2/2, code=5100, volt= 6.9484

DCL_H pin= 47, data1/2, code= 433, volt=-0.0209
DCL_H pin= 47, data2/2, code=5100, volt= 6.9575
DCL_H pin= 48, data1/2, code= 433, volt=-0.0278
DCL_H pin= 48, data2/2, code=5100, volt= 6.9661
DCL_H pin= 49, data1/2, code= 433, volt=-0.0343
DCL_H pin= 49, data2/2, code=5100, volt= 6.9502
DCL_H pin= 50, data1/2, code= 433, volt=-0.0280
DCL_H pin= 50, data2/2, code=5100, volt= 6.9575
DCL_H pin= 51, data1/2, code= 433, volt=-0.0020
DCL_H pin= 51, data2/2, code=5100, volt= 6.9947
DCL_H pin= 52, data1/2, code= 433, volt=-0.0031
DCL_H pin= 52, data2/2, code=5100, volt= 6.9929
DCL_H pin= 53, data1/2, code= 433, volt=-0.0343
DCL_H pin= 53, data2/2, code=5100, volt= 6.9497
DCL_H pin= 54, data1/2, code= 433, volt=-0.0448
DCL_H pin= 54, data2/2, code=5100, volt= 6.9608
DCL_H pin= 55, data1/2, code= 433, volt= 0.0051
DCL_H pin= 55, data2/2, code=5100, volt= 6.9888
DCL_H pin= 56, data1/2, code= 433, volt=-0.0218
DCL_H pin= 56, data2/2, code=5100, volt= 6.9424
DCL_H pin=129, data1/2, code= 433, volt=-0.0320
DCL_H pin=129, data2/2, code=5100, volt= 6.9690
DCL_H pin=130, data1/2, code= 433, volt=-0.0393
DCL_H pin=130, data2/2, code=5100, volt= 6.9753
DCL_H pin=131, data1/2, code= 433, volt=-0.0071
DCL_H pin=131, data2/2, code=5100, volt= 6.9708
DCL_H pin=132, data1/2, code= 433, volt=-0.0250
DCL_H pin=132, data2/2, code=5100, volt= 6.9564
DCL_H pin=133, data1/2, code= 433, volt=-0.0250
DCL_H pin=133, data2/2, code=5100, volt= 6.9661
DCL_H pin=134, data1/2, code= 433, volt=-0.0240
DCL_H pin=134, data2/2, code=5100, volt= 6.9690
DCL_H pin=135, data1/2, code= 433, volt=-0.0117
DCL_H pin=135, data2/2, code=5100, volt= 6.9677
DCL_H pin=136, data1/2, code= 433, volt=-0.0572
DCL_H pin=136, data2/2, code=5100, volt= 6.9188

DCL_H pin=137, data1/2, code= 433, volt=-0.0379
DCL_H pin=137, data2/2, code=5100, volt= 6.9375
DCL_H pin=138, data1/2, code= 433, volt=-0.0411
DCL_H pin=138, data2/2, code=5100, volt= 6.9402
DCL_H pin=139, data1/2, code= 433, volt=-0.0191
DCL_H pin=139, data2/2, code=5100, volt= 6.9764
DCL_H pin=140, data1/2, code= 433, volt=-0.0277
DCL_H pin=140, data2/2, code=5100, volt= 6.9575
DCL_H pin=141, data1/2, code= 433, volt=-0.0378
DCL_H pin=141, data2/2, code=5100, volt= 6.9759
DCL_H pin=142, data1/2, code= 433, volt=-0.0661
DCL_H pin=142, data2/2, code=5100, volt= 6.9320
DCL_H pin=143, data1/2, code= 433, volt=-0.0200
DCL_H pin=143, data2/2, code=5100, volt= 6.9883
DCL_H pin=144, data1/2, code= 433, volt=-0.0379
DCL_H pin=144, data2/2, code=5100, volt= 6.9668
DCL_H pin=145, data1/2, code= 433, volt=-0.0023
DCL_H pin=145, data2/2, code=5100, volt= 6.9782
DCL_H pin=146, data1/2, code= 433, volt=-0.0492
DCL_H pin=146, data2/2, code=5100, volt= 6.9533
DCL_H pin=147, data1/2, code= 433, volt= 0.0038
DCL_H pin=147, data2/2, code=5100, volt= 6.9943
DCL_H pin=148, data1/2, code= 433, volt= 0.0020
DCL_H pin=148, data2/2, code=5100, volt= 7.0122
DCL_H pin=149, data1/2, code= 433, volt=-0.0013
DCL_H pin=149, data2/2, code=5100, volt= 7.0030
DCL_H pin=150, data1/2, code= 433, volt=-0.0120
DCL_H pin=150, data2/2, code=5100, volt= 6.9910
DCL_H pin=151, data1/2, code= 433, volt=-0.0120
DCL_H pin=151, data2/2, code=5100, volt= 6.9913
DCL_H pin=152, data1/2, code= 433, volt=-0.0061
DCL_H pin=152, data2/2, code=5100, volt= 6.9933
DCL_H pin=153, data1/2, code= 433, volt=-0.0546
DCL_H pin=153, data2/2, code=5100, volt= 6.9140
DCL_H pin=154, data1/2, code= 433, volt=-0.0435
DCL_H pin=154, data2/2, code=5100, volt= 6.9372

DCL_H pin=155, data1/2, code= 433, volt=-0.0512
DCL_H pin=155, data2/2, code=5100, volt= 6.9099
DCL_H pin=156, data1/2, code= 433, volt=-0.0380
DCL_H pin=156, data2/2, code=5100, volt= 6.9440
DCL_H pin=157, data1/2, code= 433, volt=-0.0155
DCL_H pin=157, data2/2, code=5100, volt= 6.9632
DCL_H pin=158, data1/2, code= 433, volt=-0.0122
DCL_H pin=158, data2/2, code=5100, volt= 6.9676
DCL_H pin=159, data1/2, code= 433, volt=-0.0376
DCL_H pin=159, data2/2, code=5100, volt= 6.9230
DCL_H pin=160, data1/2, code= 433, volt=-0.0059
DCL_H pin=160, data2/2, code=5100, volt= 6.9781
DCL_H pin=161, data1/2, code= 433, volt=-0.0280
DCL_H pin=161, data2/2, code=5100, volt= 6.9632
DCL_H pin=162, data1/2, code= 433, volt=-0.0291
DCL_H pin=162, data2/2, code=5100, volt= 6.9417
DCL_H pin=163, data1/2, code= 433, volt= 0.0028
DCL_H pin=163, data2/2, code=5100, volt= 6.9900
DCL_H pin=164, data1/2, code= 433, volt=-0.0165
DCL_H pin=164, data2/2, code=5100, volt= 6.9497
DCL_H pin=165, data1/2, code= 433, volt=-0.0079
DCL_H pin=165, data2/2, code=5100, volt= 6.9661
DCL_H pin=166, data1/2, code= 433, volt=-0.0196
DCL_H pin=166, data2/2, code=5100, volt= 6.9356
DCL_H pin=167, data1/2, code= 433, volt=-0.0379
DCL_H pin=167, data2/2, code=5100, volt= 6.9270
DCL_H pin=168, data1/2, code= 433, volt=-0.0490
DCL_H pin=168, data2/2, code=5100, volt= 6.9122
DCL_H pin=169, data1/2, code= 433, volt= 0.0306
DCL_H pin=169, data2/2, code=5100, volt= 7.0159
DCL_H pin=170, data1/2, code= 433, volt= 0.0406
DCL_H pin=170, data2/2, code=5100, volt= 7.0564
DCL_H pin=171, data1/2, code= 433, volt= 0.0202
F DCL_H pin=171, data=2/2, code=5100, volt= 0.0557, Llim= 6.0940, Ulim= 7.9210
DCL_H pin=172, data1/2, code= 433, volt= 0.0242
DCL_H pin=172, data2/2, code=5100, volt= 6.9946

DCL_H pin=173, data1/2, code= 433, volt= 0.0196
DCL_H pin=173, data2/2, code=5100, volt= 7.0221
DCL_H pin=174, data1/2, code= 433, volt= 0.0150
F DCL_H pin=174, data=2/2, code=5100, volt= 0.0247, Llim= 6.0940, Ulim= 7.9210
DCL_H pin=175, data1/2, code= 433, volt=-0.0268
DCL_H pin=175, data2/2, code=5100, volt= 6.9566
DCL_H pin=176, data1/2, code= 433, volt=-0.0115
DCL_H pin=176, data2/2, code=5100, volt= 6.9678
DCL_H pin=177, data1/2, code= 433, volt= 0.0262
DCL_H pin=177, data2/2, code=5100, volt= 7.0025
DCL_H pin=178, data1/2, code= 433, volt=-0.0232
DCL_H pin=178, data2/2, code=5100, volt= 6.9654
DCL_H pin=179, data1/2, code= 433, volt= 0.0376
DCL_H pin=179, data2/2, code=5100, volt= 6.9930
DCL_H pin=180, data1/2, code= 433, volt=-0.0089
DCL_H pin=180, data2/2, code=5100, volt= 6.9645
DCL_H pin=181, data1/2, code= 433, volt=-0.0238
DCL_H pin=181, data2/2, code=5100, volt= 6.9657
DCL_H pin=182, data1/2, code= 433, volt= 0.0288
DCL_H pin=182, data2/2, code=5100, volt= 7.0478
DCL_H pin=183, data1/2, code= 433, volt=-0.1302
DCL_H pin=183, data2/2, code=5100, volt= 6.8426
DCL_H pin=184, data1/2, code= 433, volt=-0.1352
DCL_H pin=184, data2/2, code=5100, volt= 6.8664
DCL_L pin= 1, data1/2, code=4700, volt= 3.2323
DCL_L pin= 1, data2/2, code=1033, volt=-2.2737
DCL_L pin= 2, data1/2, code=4700, volt= 3.1742
DCL_L pin= 2, data2/2, code=1033, volt=-2.3133
DCL_L pin= 3, data1/2, code=4700, volt= 3.2163
DCL_L pin= 3, data2/2, code=1033, volt=-2.2767
DCL_L pin= 4, data1/2, code=4700, volt= 3.1618
DCL_L pin= 4, data2/2, code=1033, volt=-2.3313
DCL_L pin= 5, data1/2, code=4700, volt= 3.1943
DCL_L pin= 5, data2/2, code=1033, volt=-2.3044
DCL_L pin= 6, data1/2, code=4700, volt= 3.2127
DCL_L pin= 6, data2/2, code=1033, volt=-2.2831

DCL_L pin= 7, data1/2, code=4700, volt= 3.2156
DCL_L pin= 7, data2/2, code=1033, volt=-2.2842
DCL_L pin= 8, data1/2, code=4700, volt= 3.2007
DCL_L pin= 8, data2/2, code=1033, volt=-2.2894
DCL_L pin= 9, data1/2, code=4700, volt= 3.2418
DCL_L pin= 9, data2/2, code=1033, volt=-2.2605
DCL_L pin= 10, data1/2, code=4700, volt= 3.1954
DCL_L pin= 10, data2/2, code=1033, volt=-2.2987
DCL_L pin= 11, data1/2, code=4700, volt= 3.2315
DCL_L pin= 11, data2/2, code=1033, volt=-2.2721
DCL_L pin= 12, data1/2, code=4700, volt= 3.1772
DCL_L pin= 12, data2/2, code=1033, volt=-2.3164
DCL_L pin= 13, data1/2, code=4700, volt= 3.2372
DCL_L pin= 13, data2/2, code=1033, volt=-2.2713
DCL_L pin= 14, data1/2, code=4700, volt= 3.2202
DCL_L pin= 14, data2/2, code=1033, volt=-2.2927
DCL_L pin= 15, data1/2, code=4700, volt= 3.2523
DCL_L pin= 15, data2/2, code=1033, volt=-2.2558
DCL_L pin= 16, data1/2, code=4700, volt= 3.2111
DCL_L pin= 16, data2/2, code=1033, volt=-2.2809
DCL_L pin= 17, data1/2, code=4700, volt= 3.2473
DCL_L pin= 17, data2/2, code=1033, volt=-2.2576
DCL_L pin= 18, data1/2, code=4700, volt= 3.1482
DCL_L pin= 18, data2/2, code=1033, volt=-2.3432
DCL_L pin= 19, data1/2, code=4700, volt= 3.1816
DCL_L pin= 19, data2/2, code=1033, volt=-2.3211
DCL_L pin= 20, data1/2, code=4700, volt= 3.1512
DCL_L pin= 20, data2/2, code=1033, volt=-2.3409
DCL_L pin= 21, data1/2, code=4700, volt= 3.2304
DCL_L pin= 21, data2/2, code=1033, volt=-2.2823
DCL_L pin= 22, data1/2, code=4700, volt= 3.1472
DCL_L pin= 22, data2/2, code=1033, volt=-2.3464
DCL_L pin= 23, data1/2, code=4700, volt= 3.1467
DCL_L pin= 23, data2/2, code=1033, volt=-2.3411
DCL_L pin= 24, data1/2, code=4700, volt= 3.1825
DCL_L pin= 24, data2/2, code=1033, volt=-2.3223

DCL_L pin= 25, data1/2, code=4700, volt= 3.1800
DCL_L pin= 25, data2/2, code=1033, volt=-2.3081
DCL_L pin= 26, data1/2, code=4700, volt= 3.1797
DCL_L pin= 26, data2/2, code=1033, volt=-2.3250
DCL_L pin= 27, data1/2, code=4700, volt= 3.2196
DCL_L pin= 27, data2/2, code=1033, volt=-2.2814
DCL_L pin= 28, data1/2, code=4700, volt= 3.1935
DCL_L pin= 28, data2/2, code=1033, volt=-2.3013
DCL_L pin= 29, data1/2, code=4700, volt= 3.1837
DCL_L pin= 29, data2/2, code=1033, volt=-2.3037
DCL_L pin= 30, data1/2, code=4700, volt= 3.1660
DCL_L pin= 30, data2/2, code=1033, volt=-2.3175
DCL_L pin= 31, data1/2, code=4700, volt= 3.2266
DCL_L pin= 31, data2/2, code=1033, volt=-2.2823
DCL_L pin= 32, data1/2, code=4700, volt= 3.1753
DCL_L pin= 32, data2/2, code=1033, volt=-2.3281
DCL_L pin= 33, data1/2, code=4700, volt= 3.1898
DCL_L pin= 33, data2/2, code=1033, volt=-2.2985
DCL_L pin= 34, data1/2, code=4700, volt= 3.1620
DCL_L pin= 34, data2/2, code=1033, volt=-2.3286
DCL_L pin= 35, data1/2, code=4700, volt= 3.1810
DCL_L pin= 35, data2/2, code=1033, volt=-2.2978
DCL_L pin= 36, data1/2, code=4700, volt= 3.1879
DCL_L pin= 36, data2/2, code=1033, volt=-2.3085
DCL_L pin= 37, data1/2, code=4700, volt= 3.2149
DCL_L pin= 37, data2/2, code=1033, volt=-2.2934
DCL_L pin= 38, data1/2, code=4700, volt= 3.2305
DCL_L pin= 38, data2/2, code=1033, volt=-2.2833
DCL_L pin= 39, data1/2, code=4700, volt= 3.1665
DCL_L pin= 39, data2/2, code=1033, volt=-2.3134
DCL_L pin= 40, data1/2, code=4700, volt= 3.1877
DCL_L pin= 40, data2/2, code=1033, volt=-2.3159
DCL_L pin= 41, data1/2, code=4700, volt= 3.1615
DCL_L pin= 41, data2/2, code=1033, volt=-2.3249
DCL_L pin= 42, data1/2, code=4700, volt= 3.1796
DCL_L pin= 42, data2/2, code=1033, volt=-2.3035

DCL_L pin= 43, data1/2, code=4700, volt= 3.1762
DCL_L pin= 43, data2/2, code=1033, volt=-2.3124
DCL_L pin= 44, data1/2, code=4700, volt= 3.2041
DCL_L pin= 44, data2/2, code=1033, volt=-2.2915
DCL_L pin= 45, data1/2, code=4700, volt= 3.1902
DCL_L pin= 45, data2/2, code=1033, volt=-2.2936
DCL_L pin= 46, data1/2, code=4700, volt= 3.1546
DCL_L pin= 46, data2/2, code=1033, volt=-2.3285
DCL_L pin= 47, data1/2, code=4700, volt= 3.2175
DCL_L pin= 47, data2/2, code=1033, volt=-2.2769
DCL_L pin= 48, data1/2, code=4700, volt= 3.1756
DCL_L pin= 48, data2/2, code=1033, volt=-2.3205
DCL_L pin= 49, data1/2, code=4700, volt= 3.2074
DCL_L pin= 49, data2/2, code=1033, volt=-2.2951
DCL_L pin= 50, data1/2, code=4700, volt= 3.1809
DCL_L pin= 50, data2/2, code=1033, volt=-2.3089
DCL_L pin= 51, data1/2, code=4700, volt= 3.2367
DCL_L pin= 51, data2/2, code=1033, volt=-2.2750
DCL_L pin= 52, data1/2, code=4700, volt= 3.1935
DCL_L pin= 52, data2/2, code=1033, volt=-2.3065
DCL_L pin= 53, data1/2, code=4700, volt= 3.1548
DCL_L pin= 53, data2/2, code=1033, volt=-2.3338
DCL_L pin= 54, data1/2, code=4700, volt= 3.2208
DCL_L pin= 54, data2/2, code=1033, volt=-2.2972
DCL_L pin= 55, data1/2, code=4700, volt= 3.2410
DCL_L pin= 55, data2/2, code=1033, volt=-2.2517
DCL_L pin= 56, data1/2, code=4700, volt= 3.1219
DCL_L pin= 56, data2/2, code=1033, volt=-2.3490
DCL_L pin=129, data1/2, code=4700, volt= 3.2065
DCL_L pin=129, data2/2, code=1033, volt=-2.2982
DCL_L pin=130, data1/2, code=4700, volt= 3.1849
DCL_L pin=130, data2/2, code=1033, volt=-2.3140
DCL_L pin=131, data1/2, code=4700, volt= 3.1986
DCL_L pin=131, data2/2, code=1033, volt=-2.2897
DCL_L pin=132, data1/2, code=4700, volt= 3.1684
DCL_L pin=132, data2/2, code=1033, volt=-2.3146

DCL_L pin=133, data1/2, code=4700, volt= 3.2050
DCL_L pin=133, data2/2, code=1033, volt=-2.2834
DCL_L pin=134, data1/2, code=4700, volt= 3.1778
DCL_L pin=134, data2/2, code=1033, volt=-2.3247
DCL_L pin=135, data1/2, code=4700, volt= 3.2114
DCL_L pin=135, data2/2, code=1033, volt=-2.2796
DCL_L pin=136, data1/2, code=4700, volt= 3.1708
DCL_L pin=136, data2/2, code=1033, volt=-2.3190
DCL_L pin=137, data1/2, code=4700, volt= 3.1832
DCL_L pin=137, data2/2, code=1033, volt=-2.2881
DCL_L pin=138, data1/2, code=4700, volt= 3.1899
DCL_L pin=138, data2/2, code=1033, volt=-2.2850
DCL_L pin=139, data1/2, code=4700, volt= 3.2348
DCL_L pin=139, data2/2, code=1033, volt=-2.2550
DCL_L pin=140, data1/2, code=4700, volt= 3.2030
DCL_L pin=140, data2/2, code=1033, volt=-2.2940
DCL_L pin=141, data1/2, code=4700, volt= 3.2104
DCL_L pin=141, data2/2, code=1033, volt=-2.3035
DCL_L pin=142, data1/2, code=4700, volt= 3.1928
DCL_L pin=142, data2/2, code=1033, volt=-2.3044
DCL_L pin=143, data1/2, code=4700, volt= 3.2374
DCL_L pin=143, data2/2, code=1033, volt=-2.2643
DCL_L pin=144, data1/2, code=4700, volt= 3.1932
DCL_L pin=144, data2/2, code=1033, volt=-2.3002
DCL_L pin=145, data1/2, code=4700, volt= 3.1844
DCL_L pin=145, data2/2, code=1033, volt=-2.2889
DCL_L pin=146, data1/2, code=4700, volt= 3.2150
DCL_L pin=146, data2/2, code=1033, volt=-2.2934
DCL_L pin=147, data1/2, code=4700, volt= 3.2019
DCL_L pin=147, data2/2, code=1033, volt=-2.2960
DCL_L pin=148, data1/2, code=4700, volt= 3.2035
DCL_L pin=148, data2/2, code=1033, volt=-2.3011
DCL_L pin=149, data1/2, code=4700, volt= 3.2147
DCL_L pin=149, data2/2, code=1033, volt=-2.2945
DCL_L pin=150, data1/2, code=4700, volt= 3.1855
DCL_L pin=150, data2/2, code=1033, volt=-2.3111

DCL_L pin=151, data1/2, code=4700, volt= 3.1916
DCL_L pin=151, data2/2, code=1033, volt=-2.3148
DCL_L pin=152, data1/2, code=4700, volt= 3.1826
DCL_L pin=152, data2/2, code=1033, volt=-2.3154
DCL_L pin=153, data1/2, code=4700, volt= 3.1850
DCL_L pin=153, data2/2, code=1033, volt=-2.3031
DCL_L pin=154, data1/2, code=4700, volt= 3.1697
DCL_L pin=154, data2/2, code=1033, volt=-2.3169
DCL_L pin=155, data1/2, code=4700, volt= 3.1700
DCL_L pin=155, data2/2, code=1033, volt=-2.3021
DCL_L pin=156, data1/2, code=4700, volt= 3.1949
DCL_L pin=156, data2/2, code=1033, volt=-2.2912
DCL_L pin=157, data1/2, code=4700, volt= 3.1790
DCL_L pin=157, data2/2, code=1033, volt=-2.3046
DCL_L pin=158, data1/2, code=4700, volt= 3.1846
DCL_L pin=158, data2/2, code=1033, volt=-2.3120
DCL_L pin=159, data1/2, code=4700, volt= 3.1755
DCL_L pin=159, data2/2, code=1033, volt=-2.2928
DCL_L pin=160, data1/2, code=4700, volt= 3.1816
DCL_L pin=160, data2/2, code=1033, volt=-2.2983
DCL_L pin=161, data1/2, code=4700, volt= 3.1967
DCL_L pin=161, data2/2, code=1033, volt=-2.2987
DCL_L pin=162, data1/2, code=4700, volt= 3.1525
DCL_L pin=162, data2/2, code=1033, volt=-2.3127
DCL_L pin=163, data1/2, code=4700, volt= 3.1740
DCL_L pin=163, data2/2, code=1033, volt=-2.3154
DCL_L pin=164, data1/2, code=4700, volt= 3.1429
DCL_L pin=164, data2/2, code=1033, volt=-2.3379
DCL_L pin=165, data1/2, code=4700, volt= 3.1487
DCL_L pin=165, data2/2, code=1033, volt=-2.3301
DCL_L pin=166, data1/2, code=4700, volt= 3.1588
DCL_L pin=166, data2/2, code=1033, volt=-2.3275
DCL_L pin=167, data1/2, code=4700, volt= 3.1992
DCL_L pin=167, data2/2, code=1033, volt=-2.2841
DCL_L pin=168, data1/2, code=4700, volt= 3.1590
DCL_L pin=168, data2/2, code=1033, volt=-2.3153

DCL_L pin=169, data1/2, code=4700, volt= 3.1775
DCL_L pin=169, data2/2, code=1033, volt=-2.3117
DCL_L pin=170, data1/2, code=4700, volt= 3.2212
DCL_L pin=170, data2/2, code=1033, volt=-2.2894
DCL_L pin=171, data1/2, code=4700, volt= 2.7785
F DCL_L pin=171, data=2/2, code=1033, volt= 0.0245, Llim=-2.9125, Ulim=-2.0885
DCL_L pin=172, data1/2, code=4700, volt= 3.1697
DCL_L pin=172, data2/2, code=1033, volt=-2.3015
DCL_L pin=173, data1/2, code=4700, volt= 3.2163
DCL_L pin=173, data2/2, code=1033, volt=-2.2854
DCL_L pin=174, data1/2, code=4700, volt= 2.5810
F DCL_L pin=174, data=2/2, code=1033, volt= 0.0095, Llim=-2.9125, Ulim=-2.0885
DCL_L pin=175, data1/2, code=4700, volt= 3.1845
DCL_L pin=175, data2/2, code=1033, volt=-2.3143
DCL_L pin=176, data1/2, code=4700, volt= 3.1856
DCL_L pin=176, data2/2, code=1033, volt=-2.3078
DCL_L pin=177, data1/2, code=4700, volt= 3.2093
DCL_L pin=177, data2/2, code=1033, volt=-2.2696
DCL_L pin=178, data1/2, code=4700, volt= 3.2051
DCL_L pin=178, data2/2, code=1033, volt=-2.2936
DCL_L pin=179, data1/2, code=4700, volt= 3.2092
DCL_L pin=179, data2/2, code=1033, volt=-2.2699
DCL_L pin=180, data1/2, code=4700, volt= 3.1449
DCL_L pin=180, data2/2, code=1033, volt=-2.3351
DCL_L pin=181, data1/2, code=4700, volt= 3.2213
DCL_L pin=181, data2/2, code=1033, volt=-2.2731
DCL_L pin=182, data1/2, code=4700, volt= 3.2603
DCL_L pin=182, data2/2, code=1033, volt=-2.2686
DCL_L pin=183, data1/2, code=4700, volt= 3.3146
DCL_L pin=183, data2/2, code=1033, volt=-2.1651
DCL_L pin=184, data1/2, code=4700, volt= 3.3073
DCL_L pin=184, data2/2, code=1033, volt=-2.1950
PRE_CV_250UA pin= 1, data=1/2, code=1950, volt= 0.0352
PRE_CV_250UA pin= 1, data=2/2, code=4450, volt= 5.0669
PRE_CV_250UA pin= 2, data=1/2, code=1950, volt= 0.0598
PRE_CV_250UA pin= 2, data=2/2, code=4450, volt= 5.0783

PRE_CV_250UA pin= 3, data=1/2, code=1950, volt= 0.0292
PRE_CV_250UA pin= 3, data=2/2, code=4450, volt= 5.0452
PRE_CV_250UA pin= 4, data=1/2, code=1950, volt= 0.0887
PRE_CV_250UA pin= 4, data=2/2, code=4450, volt= 5.1118
PRE_CV_250UA pin= 5, data=1/2, code=1950, volt= 0.0770
PRE_CV_250UA pin= 5, data=2/2, code=4450, volt= 5.1078
PRE_CV_250UA pin= 6, data=1/2, code=1950, volt= 0.0700
PRE_CV_250UA pin= 6, data=2/2, code=4450, volt= 5.0965
PRE_CV_250UA pin= 7, data=1/2, code=1950, volt= 0.0615
PRE_CV_250UA pin= 7, data=2/2, code=4450, volt= 5.0953
PRE_CV_250UA pin= 8, data=1/2, code=1950, volt= 0.0606
PRE_CV_250UA pin= 8, data=2/2, code=4450, volt= 5.0925
PRE_CV_250UA pin= 9, data=1/2, code=1950, volt= 0.1619
PRE_CV_250UA pin= 9, data=2/2, code=4450, volt= 5.1996
PRE_CV_250UA pin= 10, data=1/2, code=1950, volt= 0.2077
PRE_CV_250UA pin= 10, data=2/2, code=4450, volt= 5.2324
PRE_CV_250UA pin= 11, data=1/2, code=1950, volt= 0.1374
PRE_CV_250UA pin= 11, data=2/2, code=4450, volt= 5.1755
PRE_CV_250UA pin= 12, data=1/2, code=1950, volt= 0.1681
PRE_CV_250UA pin= 12, data=2/2, code=4450, volt= 5.2058
PRE_CV_250UA pin= 13, data=1/2, code=1950, volt= 0.1814
PRE_CV_250UA pin= 13, data=2/2, code=4450, volt= 5.2309
PRE_CV_250UA pin= 14, data=1/2, code=1950, volt= 0.1175
PRE_CV_250UA pin= 14, data=2/2, code=4450, volt= 5.1637
PRE_CV_250UA pin= 15, data=1/2, code=1950, volt= 0.1345
PRE_CV_250UA pin= 15, data=2/2, code=4450, volt= 5.1765
PRE_CV_250UA pin= 16, data=1/2, code=1950, volt= 0.1426
PRE_CV_250UA pin= 16, data=2/2, code=4450, volt= 5.1649
PRE_CV_250UA pin= 17, data=1/2, code=1950, volt= 0.1261
PRE_CV_250UA pin= 17, data=2/2, code=4450, volt= 5.1835
PRE_CV_250UA pin= 18, data=1/2, code=1950, volt= 0.0992
PRE_CV_250UA pin= 18, data=2/2, code=4450, volt= 5.1275
PRE_CV_250UA pin= 19, data=1/2, code=1950, volt= 0.1137
PRE_CV_250UA pin= 19, data=2/2, code=4450, volt= 5.1536
PRE_CV_250UA pin= 20, data=1/2, code=1950, volt= 0.1277
PRE_CV_250UA pin= 20, data=2/2, code=4450, volt= 5.1551

PRE_CV_250UA pin= 21, data=1/2, code=1950, volt= 0.1185
PRE_CV_250UA pin= 21, data=2/2, code=4450, volt= 5.1598
PRE_CV_250UA pin= 22, data=1/2, code=1950, volt= 0.0762
PRE_CV_250UA pin= 22, data=2/2, code=4450, volt= 5.1136
PRE_CV_250UA pin= 23, data=1/2, code=1950, volt= 0.0896
PRE_CV_250UA pin= 23, data=2/2, code=4450, volt= 5.1251
PRE_CV_250UA pin= 24, data=1/2, code=1950, volt= 0.1228
PRE_CV_250UA pin= 24, data=2/2, code=4450, volt= 5.1688
PRE_CV_250UA pin= 25, data=1/2, code=1950, volt= 0.1260
PRE_CV_250UA pin= 25, data=2/2, code=4450, volt= 5.1623
PRE_CV_250UA pin= 26, data=1/2, code=1950, volt= 0.1636
PRE_CV_250UA pin= 26, data=2/2, code=4450, volt= 5.2057
PRE_CV_250UA pin= 27, data=1/2, code=1950, volt= 0.1569
PRE_CV_250UA pin= 27, data=2/2, code=4450, volt= 5.1948
PRE_CV_250UA pin= 28, data=1/2, code=1950, volt= 0.1451
PRE_CV_250UA pin= 28, data=2/2, code=4450, volt= 5.1822
PRE_CV_250UA pin= 29, data=1/2, code=1950, volt= 0.1268
PRE_CV_250UA pin= 29, data=2/2, code=4450, volt= 5.1648
PRE_CV_250UA pin= 30, data=1/2, code=1950, volt= 0.1469
PRE_CV_250UA pin= 30, data=2/2, code=4450, volt= 5.1698
PRE_CV_250UA pin= 31, data=1/2, code=1950, volt= 0.1674
PRE_CV_250UA pin= 31, data=2/2, code=4450, volt= 5.2072
PRE_CV_250UA pin= 32, data=1/2, code=1950, volt= 0.1525
PRE_CV_250UA pin= 32, data=2/2, code=4450, volt= 5.1999
PRE_CV_250UA pin= 33, data=1/2, code=1950, volt= 0.0975
PRE_CV_250UA pin= 33, data=2/2, code=4450, volt= 5.1229
PRE_CV_250UA pin= 34, data=1/2, code=1950, volt= 0.1148
PRE_CV_250UA pin= 34, data=2/2, code=4450, volt= 5.1367
PRE_CV_250UA pin= 35, data=1/2, code=1950, volt= 0.1334
PRE_CV_250UA pin= 35, data=2/2, code=4450, volt= 5.1425
PRE_CV_250UA pin= 36, data=1/2, code=1950, volt= 0.1067
PRE_CV_250UA pin= 36, data=2/2, code=4450, volt= 5.1371
PRE_CV_250UA pin= 37, data=1/2, code=1950, volt= 0.1141
PRE_CV_250UA pin= 37, data=2/2, code=4450, volt= 5.1640
PRE_CV_250UA pin= 38, data=1/2, code=1950, volt= 0.1815
PRE_CV_250UA pin= 38, data=2/2, code=4450, volt= 5.2380

PRE_CV_250UA pin= 39, data=1/2, code=1950, volt= 0.1049
PRE_CV_250UA pin= 39, data=2/2, code=4450, volt= 5.1288
PRE_CV_250UA pin= 40, data=1/2, code=1950, volt= 0.1316
PRE_CV_250UA pin= 40, data=2/2, code=4450, volt= 5.1778
PRE_CV_250UA pin= 41, data=1/2, code=1950, volt= 0.1425
PRE_CV_250UA pin= 41, data=2/2, code=4450, volt= 5.1807
PRE_CV_250UA pin= 42, data=1/2, code=1950, volt= 0.0854
PRE_CV_250UA pin= 42, data=2/2, code=4450, volt= 5.1111
PRE_CV_250UA pin= 43, data=1/2, code=1950, volt= 0.0520
PRE_CV_250UA pin= 43, data=2/2, code=4450, volt= 5.0870
PRE_CV_250UA pin= 44, data=1/2, code=1950, volt= 0.1045
PRE_CV_250UA pin= 44, data=2/2, code=4450, volt= 5.1307
PRE_CV_250UA pin= 45, data=1/2, code=1950, volt= 0.0895
PRE_CV_250UA pin= 45, data=2/2, code=4450, volt= 5.1202
PRE_CV_250UA pin= 46, data=1/2, code=1950, volt= 0.1253
PRE_CV_250UA pin= 46, data=2/2, code=4450, volt= 5.1587
PRE_CV_250UA pin= 47, data=1/2, code=1950, volt= 0.0892
PRE_CV_250UA pin= 47, data=2/2, code=4450, volt= 5.1237
PRE_CV_250UA pin= 48, data=1/2, code=1950, volt= 0.0506
PRE_CV_250UA pin= 48, data=2/2, code=4450, volt= 5.1017
PRE_CV_250UA pin= 49, data=1/2, code=1950, volt= 0.0460
PRE_CV_250UA pin= 49, data=2/2, code=4450, volt= 5.0559
PRE_CV_250UA pin= 50, data=1/2, code=1950, volt= 0.0723
PRE_CV_250UA pin= 50, data=2/2, code=4450, volt= 5.0865
PRE_CV_250UA pin= 51, data=1/2, code=1950, volt= 0.0723
PRE_CV_250UA pin= 51, data=2/2, code=4450, volt= 5.1122
PRE_CV_250UA pin= 52, data=1/2, code=1950, volt= 0.0847
PRE_CV_250UA pin= 52, data=2/2, code=4450, volt= 5.1285
PRE_CV_250UA pin= 53, data=1/2, code=1950, volt= 0.0830
PRE_CV_250UA pin= 53, data=2/2, code=4450, volt= 5.1006
PRE_CV_250UA pin= 54, data=1/2, code=1950, volt= 0.1180
PRE_CV_250UA pin= 54, data=2/2, code=4450, volt= 5.1511
PRE_CV_250UA pin= 55, data=1/2, code=1950, volt= 0.0575
PRE_CV_250UA pin= 55, data=2/2, code=4450, volt= 5.0864
PRE_CV_250UA pin= 56, data=1/2, code=1950, volt= 0.0614
PRE_CV_250UA pin= 56, data=2/2, code=4450, volt= 5.0673

PRE_CV_250UA pin=129, data=1/2, code=1950, volt= 0.0768
PRE_CV_250UA pin=129, data=2/2, code=4450, volt= 5.1099
PRE_CV_250UA pin=130, data=1/2, code=1950, volt= 0.0874
PRE_CV_250UA pin=130, data=2/2, code=4450, volt= 5.1148
PRE_CV_250UA pin=131, data=1/2, code=1950, volt= 0.1033
PRE_CV_250UA pin=131, data=2/2, code=4450, volt= 5.1231
PRE_CV_250UA pin=132, data=1/2, code=1950, volt= 0.1167
PRE_CV_250UA pin=132, data=2/2, code=4450, volt= 5.1411
PRE_CV_250UA pin=133, data=1/2, code=1950, volt= 0.1030
PRE_CV_250UA pin=133, data=2/2, code=4450, volt= 5.1384
PRE_CV_250UA pin=134, data=1/2, code=1950, volt= 0.0809
PRE_CV_250UA pin=134, data=2/2, code=4450, volt= 5.1121
PRE_CV_250UA pin=135, data=1/2, code=1950, volt= 0.1050
PRE_CV_250UA pin=135, data=2/2, code=4450, volt= 5.1319
PRE_CV_250UA pin=136, data=1/2, code=1950, volt= 0.0722
PRE_CV_250UA pin=136, data=2/2, code=4450, volt= 5.0861
PRE_CV_250UA pin=137, data=1/2, code=1950, volt= 0.0417
PRE_CV_250UA pin=137, data=2/2, code=4450, volt= 5.0536
PRE_CV_250UA pin=138, data=1/2, code=1950, volt= 0.0599
PRE_CV_250UA pin=138, data=2/2, code=4450, volt= 5.0738
PRE_CV_250UA pin=139, data=1/2, code=1950, volt= 0.0804
PRE_CV_250UA pin=139, data=2/2, code=4450, volt= 5.1093
PRE_CV_250UA pin=140, data=1/2, code=1950, volt= 0.0274
PRE_CV_250UA pin=140, data=2/2, code=4450, volt= 5.0582
PRE_CV_250UA pin=141, data=1/2, code=1950, volt= 0.0919
PRE_CV_250UA pin=141, data=2/2, code=4450, volt= 5.1387
PRE_CV_250UA pin=142, data=1/2, code=1950, volt= 0.0685
PRE_CV_250UA pin=142, data=2/2, code=4450, volt= 5.1112
PRE_CV_250UA pin=143, data=1/2, code=1950, volt= 0.1188
PRE_CV_250UA pin=143, data=2/2, code=4450, volt= 5.1616
PRE_CV_250UA pin=144, data=1/2, code=1950, volt= 0.0854
PRE_CV_250UA pin=144, data=2/2, code=4450, volt= 5.1303
PRE_CV_250UA pin=145, data=1/2, code=1950, volt= 0.1533
PRE_CV_250UA pin=145, data=2/2, code=4450, volt= 5.1697
PRE_CV_250UA pin=146, data=1/2, code=1950, volt= 0.1580
PRE_CV_250UA pin=146, data=2/2, code=4450, volt= 5.1862

PRE_CV_250UA pin=147, data=1/2, code=1950, volt= 0.0922
PRE_CV_250UA pin=147, data=2/2, code=4450, volt= 5.1136
PRE_CV_250UA pin=148, data=1/2, code=1950, volt= 0.1484
PRE_CV_250UA pin=148, data=2/2, code=4450, volt= 5.1810
PRE_CV_250UA pin=149, data=1/2, code=1950, volt= 0.0833
PRE_CV_250UA pin=149, data=2/2, code=4450, volt= 5.1164
PRE_CV_250UA pin=150, data=1/2, code=1950, volt= 0.1238
PRE_CV_250UA pin=150, data=2/2, code=4450, volt= 5.1673
PRE_CV_250UA pin=151, data=1/2, code=1950, volt= 0.0953
PRE_CV_250UA pin=151, data=2/2, code=4450, volt= 5.1358
PRE_CV_250UA pin=152, data=1/2, code=1950, volt= 0.1363
PRE_CV_250UA pin=152, data=2/2, code=4450, volt= 5.1595
PRE_CV_250UA pin=153, data=1/2, code=1950, volt= 0.1002
PRE_CV_250UA pin=153, data=2/2, code=4450, volt= 5.1124
PRE_CV_250UA pin=154, data=1/2, code=1950, volt= 0.0458
PRE_CV_250UA pin=154, data=2/2, code=4450, volt= 5.0681
PRE_CV_250UA pin=155, data=1/2, code=1950, volt= 0.0312
PRE_CV_250UA pin=155, data=2/2, code=4450, volt= 5.0285
PRE_CV_250UA pin=156, data=1/2, code=1950, volt= 0.0827
PRE_CV_250UA pin=156, data=2/2, code=4450, volt= 5.0974
PRE_CV_250UA pin=157, data=1/2, code=1950, volt= 0.0751
PRE_CV_250UA pin=157, data=2/2, code=4450, volt= 5.0915
PRE_CV_250UA pin=158, data=1/2, code=1950, volt= 0.0526
PRE_CV_250UA pin=158, data=2/2, code=4450, volt= 5.0736
PRE_CV_250UA pin=159, data=1/2, code=1950, volt= 0.0565
PRE_CV_250UA pin=159, data=2/2, code=4450, volt= 5.0704
PRE_CV_250UA pin=160, data=1/2, code=1950, volt= 0.0935
PRE_CV_250UA pin=160, data=2/2, code=4450, volt= 5.1197
PRE_CV_250UA pin=161, data=1/2, code=1950, volt= 0.0927
PRE_CV_250UA pin=161, data=2/2, code=4450, volt= 5.1231
PRE_CV_250UA pin=162, data=1/2, code=1950, volt= 0.0327
PRE_CV_250UA pin=162, data=2/2, code=4450, volt= 5.0396
PRE_CV_250UA pin=163, data=1/2, code=1950, volt= 0.1201
PRE_CV_250UA pin=163, data=2/2, code=4450, volt= 5.1476
PRE_CV_250UA pin=164, data=1/2, code=1950, volt= 0.0920
PRE_CV_250UA pin=164, data=2/2, code=4450, volt= 5.1173

PRE_CV_250UA pin=165, data=1/2, code=1950, volt= 0.0697
PRE_CV_250UA pin=165, data=2/2, code=4450, volt= 5.0858
PRE_CV_250UA pin=166, data=1/2, code=1950, volt= 0.0338
PRE_CV_250UA pin=166, data=2/2, code=4450, volt= 5.0468
PRE_CV_250UA pin=167, data=1/2, code=1950, volt= 0.0382
PRE_CV_250UA pin=167, data=2/2, code=4450, volt= 5.0472
PRE_CV_250UA pin=168, data=1/2, code=1950, volt= 0.0442
PRE_CV_250UA pin=168, data=2/2, code=4450, volt= 5.0515
PRE_CV_250UA pin=169, data=1/2, code=1950, volt= 0.0935
PRE_CV_250UA pin=169, data=2/2, code=4450, volt= 5.1193
PRE_CV_250UA pin=170, data=1/2, code=1950, volt= 0.1079
PRE_CV_250UA pin=170, data=2/2, code=4450, volt= 5.1462
PRE_CV_250UA pin=171, data=1/2, code=1950, volt= 0.0772
F PRE_CV_250UA pin=171, data=2/2, code=4450, volt= 0.0977, Llim= 3.8250, Ulim= 6.2060
PRE_CV_250UA pin=172, data=1/2, code=1950, volt= 0.0632
PRE_CV_250UA pin=172, data=2/2, code=4450, volt= 5.0727
PRE_CV_250UA pin=173, data=1/2, code=1950, volt= 0.1260
PRE_CV_250UA pin=173, data=2/2, code=4450, volt= 5.1489
PRE_CV_250UA pin=174, data=1/2, code=1950, volt= 0.0302
F PRE_CV_250UA pin=174, data=2/2, code=4450, volt= 0.0502, Llim= 3.8250, Ulim= 6.2060
PRE_CV_250UA pin=175, data=1/2, code=1950, volt= 0.0744
PRE_CV_250UA pin=175, data=2/2, code=4450, volt= 5.1032
PRE_CV_250UA pin=176, data=1/2, code=1950, volt= 0.1102
PRE_CV_250UA pin=176, data=2/2, code=4450, volt= 5.1324
PRE_CV_250UA pin=177, data=1/2, code=1950, volt= 0.0944
PRE_CV_250UA pin=177, data=2/2, code=4450, volt= 5.1031
PRE_CV_250UA pin=178, data=1/2, code=1950, volt= 0.0963
PRE_CV_250UA pin=178, data=2/2, code=4450, volt= 5.1362
PRE_CV_250UA pin=179, data=1/2, code=1950, volt= 0.0833
PRE_CV_250UA pin=179, data=2/2, code=4450, volt= 5.0918
PRE_CV_250UA pin=180, data=1/2, code=1950, volt= 0.1079
PRE_CV_250UA pin=180, data=2/2, code=4450, volt= 5.1155
PRE_CV_250UA pin=181, data=1/2, code=1950, volt= 0.0971
PRE_CV_250UA pin=181, data=2/2, code=4450, volt= 5.1227
PRE_CV_250UA pin=182, data=1/2, code=1950, volt= 0.1743
PRE_CV_250UA pin=182, data=2/2, code=4450, volt= 5.2312

PRE_CV_250UA pin=183, data=1/2, code=1950, volt= 0.1568
PRE_CV_250UA pin=183, data=2/2, code=4450, volt= 5.1993
PRE_CV_250UA pin=184, data=1/2, code=1950, volt= 0.0734
PRE_CV_250UA pin=184, data=2/2, code=4450, volt= 5.1142
CV_250UA pin= 1, data=1/4, code= 690, volt=-2.5024
CV_250UA pin= 1, data=2/4, code=1932, volt=-0.0015
CV_250UA pin= 1, data=3/4, code=3423, volt= 3.0010
CV_250UA pin= 1, data=4/4, code=5907, volt= 8.0007
CV_250UA pin= 2, data=1/4, code= 674, volt=-2.5053
CV_250UA pin= 2, data=2/4, code=1920, volt=-0.0003
CV_250UA pin= 2, data=3/4, code=3414, volt= 2.9990
CV_250UA pin= 2, data=4/4, code=5905, volt= 8.0023
CV_250UA pin= 3, data=1/4, code= 689, volt=-2.5036
CV_250UA pin= 3, data=2/4, code=1935, volt=-0.0010
CV_250UA pin= 3, data=3/4, code=3430, volt= 2.9987
CV_250UA pin= 3, data=4/4, code=5922, volt= 8.0005
CV_250UA pin= 4, data=1/4, code= 661, volt=-2.5025
CV_250UA pin= 4, data=2/4, code=1905, volt=-0.0023
CV_250UA pin= 4, data=3/4, code=3398, volt= 2.9987
CV_250UA pin= 4, data=4/4, code=5887, volt= 7.9995
CV_250UA pin= 5, data=1/4, code= 669, volt=-2.5030
CV_250UA pin= 5, data=2/4, code=1911, volt=-0.0018
CV_250UA pin= 5, data=3/4, code=3402, volt= 2.9985
CV_250UA pin= 5, data=4/4, code=5887, volt= 8.0008
CV_250UA pin= 6, data=1/4, code= 671, volt=-2.5030
CV_250UA pin= 6, data=2/4, code=1915, volt=-0.0018
CV_250UA pin= 6, data=3/4, code=3407, volt= 3.0008
CV_250UA pin= 6, data=4/4, code=5894, volt= 8.0027
CV_250UA pin= 7, data=1/4, code= 677, volt=-2.5052
CV_250UA pin= 7, data=2/4, code=1919, volt=-0.0025
CV_250UA pin= 7, data=3/4, code=3409, volt= 2.9995
CV_250UA pin= 7, data=4/4, code=5892, volt= 8.0003
CV_250UA pin= 8, data=1/4, code= 677, volt=-2.5035
CV_250UA pin= 8, data=2/4, code=1919, volt=-0.0015
CV_250UA pin= 8, data=3/4, code=3410, volt= 3.0005
CV_250UA pin= 8, data=4/4, code=5894, volt= 7.9990

CV_250UA pin= 9, data=1/4, code= 629, volt=-2.5008
CV_250UA pin= 9, data=2/4, code=1869, volt=-0.0018
CV_250UA pin= 9, data=3/4, code=3358, volt= 2.9987
CV_250UA pin= 9, data=4/4, code=5839, volt= 7.9982
CV_250UA pin= 10, data=1/4, code= 602, volt=-2.5026
CV_250UA pin= 10, data=2/4, code=1846, volt=-0.0015
CV_250UA pin= 10, data=3/4, code=3339, volt= 2.9997
CV_250UA pin= 10, data=4/4, code=5827, volt= 8.0003
CV_250UA pin= 11, data=1/4, code= 641, volt=-2.5021
CV_250UA pin= 11, data=2/4, code=1881, volt=-0.0023
CV_250UA pin= 11, data=3/4, code=3370, volt= 2.9997
CV_250UA pin= 11, data=4/4, code=5851, volt= 8.0003
CV_250UA pin= 12, data=1/4, code= 625, volt=-2.5009
CV_250UA pin= 12, data=2/4, code=1866, volt=-0.0003
CV_250UA pin= 12, data=3/4, code=3355, volt= 2.9987
CV_250UA pin= 12, data=4/4, code=5836, volt= 7.9984
CV_250UA pin= 13, data=1/4, code= 622, volt=-2.5042
CV_250UA pin= 13, data=2/4, code=1860, volt=-0.0015
CV_250UA pin= 13, data=3/4, code=3345, volt= 3.0005
CV_250UA pin= 13, data=4/4, code=5820, volt= 7.9998
CV_250UA pin= 14, data=1/4, code= 653, volt=-2.5021
CV_250UA pin= 14, data=2/4, code=1891, volt=-0.0026
CV_250UA pin= 14, data=3/4, code=3378, volt= 3.0008
CV_250UA pin= 14, data=4/4, code=5855, volt= 8.0006
CV_250UA pin= 15, data=1/4, code= 643, volt=-2.5037
CV_250UA pin= 15, data=2/4, code=1883, volt=-0.0013
CV_250UA pin= 15, data=3/4, code=3370, volt= 2.9992
CV_250UA pin= 15, data=4/4, code=5850, volt= 8.0016
CV_250UA pin= 16, data=1/4, code= 634, volt=-2.5022
CV_250UA pin= 16, data=2/4, code=1879, volt=-0.0000
CV_250UA pin= 16, data=3/4, code=3372, volt= 2.9995
CV_250UA pin= 16, data=4/4, code=5861, volt= 7.9988
CV_250UA pin= 17, data=1/4, code= 651, volt=-2.5032
CV_250UA pin= 17, data=2/4, code=1887, volt=-0.0018
CV_250UA pin= 17, data=3/4, code=3370, volt= 2.9997
CV_250UA pin= 17, data=4/4, code=5842, volt= 7.9997

CV_250UA pin= 18, data=1/4, code= 657, volt=-2.5034
CV_250UA pin= 18, data=2/4, code=1900, volt=-0.0013
CV_250UA pin= 18, data=3/4, code=3392, volt= 3.0000
CV_250UA pin= 18, data=4/4, code=5878, volt= 8.0003
CV_250UA pin= 19, data=1/4, code= 653, volt=-2.5035
CV_250UA pin= 19, data=2/4, code=1893, volt=-0.0018
CV_250UA pin= 19, data=3/4, code=3381, volt= 2.9990
CV_250UA pin= 19, data=4/4, code=5861, volt= 7.9988
CV_250UA pin= 20, data=1/4, code= 643, volt=-2.5031
CV_250UA pin= 20, data=2/4, code=1886, volt=-0.0018
CV_250UA pin= 20, data=3/4, code=3378, volt= 3.0008
CV_250UA pin= 20, data=4/4, code=5864, volt= 7.9996
CV_250UA pin= 21, data=1/4, code= 651, volt=-2.5023
CV_250UA pin= 21, data=2/4, code=1891, volt=-0.0010
CV_250UA pin= 21, data=3/4, code=3378, volt= 2.9992
CV_250UA pin= 21, data=4/4, code=5858, volt= 8.0003
CV_250UA pin= 22, data=1/4, code= 671, volt=-2.5023
CV_250UA pin= 22, data=2/4, code=1912, volt=-0.0003
CV_250UA pin= 22, data=3/4, code=3401, volt= 3.0003
CV_250UA pin= 22, data=4/4, code=5882, volt= 7.9983
CV_250UA pin= 23, data=1/4, code= 664, volt=-2.5026
CV_250UA pin= 23, data=2/4, code=1905, volt=-0.0010
CV_250UA pin= 23, data=3/4, code=3394, volt= 2.9987
CV_250UA pin= 23, data=4/4, code=5877, volt= 7.9997
CV_250UA pin= 24, data=1/4, code= 650, volt=-2.5025
CV_250UA pin= 24, data=2/4, code=1889, volt=-0.0008
CV_250UA pin= 24, data=3/4, code=3375, volt= 3.0003
CV_250UA pin= 24, data=4/4, code=5852, volt= 7.9999
CV_250UA pin= 25, data=1/4, code= 646, volt=-2.5034
CV_250UA pin= 25, data=2/4, code=1887, volt=-0.0020
CV_250UA pin= 25, data=3/4, code=3376, volt= 3.0010
CV_250UA pin= 25, data=4/4, code=5858, volt= 8.0002
CV_250UA pin= 26, data=1/4, code= 629, volt=-2.5019
CV_250UA pin= 26, data=2/4, code=1868, volt=-0.0023
CV_250UA pin= 26, data=3/4, code=3356, volt= 2.9995
CV_250UA pin= 26, data=4/4, code=5835, volt= 7.9990

CV_250UA pin= 27, data=1/4, code= 631, volt=-2.5012
CV_250UA pin= 27, data=2/4, code=1872, volt=-0.0003
CV_250UA pin= 27, data=3/4, code=3360, volt= 2.9985
CV_250UA pin= 27, data=4/4, code=5842, volt= 8.0004
CV_250UA pin= 28, data=1/4, code= 637, volt=-2.5027
CV_250UA pin= 28, data=2/4, code=1878, volt=-0.0013
CV_250UA pin= 28, data=3/4, code=3366, volt= 2.9990
CV_250UA pin= 28, data=4/4, code=5848, volt= 7.9997
CV_250UA pin= 29, data=1/4, code= 646, volt=-2.5021
CV_250UA pin= 29, data=2/4, code=1887, volt= 0.0003
CV_250UA pin= 29, data=3/4, code=3375, volt= 2.9982
CV_250UA pin= 29, data=4/4, code=5856, volt= 7.9990
CV_250UA pin= 30, data=1/4, code= 632, volt=-2.5029
CV_250UA pin= 30, data=2/4, code=1876, volt=-0.0028
CV_250UA pin= 30, data=3/4, code=3370, volt= 3.0005
CV_250UA pin= 30, data=4/4, code=5858, volt= 7.9987
CV_250UA pin= 31, data=1/4, code= 626, volt=-2.5026
CV_250UA pin= 31, data=2/4, code=1866, volt=-0.0028
CV_250UA pin= 31, data=3/4, code=3355, volt= 3.0000
CV_250UA pin= 31, data=4/4, code=5835, volt= 7.9977
CV_250UA pin= 32, data=1/4, code= 636, volt=-2.5027
CV_250UA pin= 32, data=2/4, code=1874, volt=-0.0018
CV_250UA pin= 32, data=3/4, code=3360, volt= 3.0005
CV_250UA pin= 32, data=4/4, code=5836, volt= 7.9997
CV_250UA pin= 33, data=1/4, code= 657, volt=-2.5036
CV_250UA pin= 33, data=2/4, code=1901, volt=-0.0015
CV_250UA pin= 33, data=3/4, code=3393, volt= 2.9977
CV_250UA pin= 33, data=4/4, code=5881, volt= 8.0009
CV_250UA pin= 34, data=1/4, code= 648, volt=-2.5014
CV_250UA pin= 34, data=2/4, code=1892, volt=-0.0000
CV_250UA pin= 34, data=3/4, code=3386, volt= 2.9995
CV_250UA pin= 34, data=4/4, code=5875, volt= 7.9978
CV_250UA pin= 35, data=1/4, code= 635, volt=-2.5026
CV_250UA pin= 35, data=2/4, code=1883, volt=-0.0005
CV_250UA pin= 35, data=3/4, code=3380, volt= 2.9985
CV_250UA pin= 35, data=4/4, code=5876, volt= 8.0000

CV_250UA pin= 36, data=1/4, code= 654, volt=-2.5020
CV_250UA pin= 36, data=2/4, code=1896, volt=-0.0010
CV_250UA pin= 36, data=3/4, code=3387, volt= 2.9990
CV_250UA pin= 36, data=4/4, code=5872, volt= 7.9986
CV_250UA pin= 37, data=1/4, code= 655, volt=-2.5037
CV_250UA pin= 37, data=2/4, code=1893, volt=-0.0023
CV_250UA pin= 37, data=3/4, code=3378, volt= 2.9997
CV_250UA pin= 37, data=4/4, code=5854, volt= 8.0029
CV_250UA pin= 38, data=1/4, code= 624, volt=-2.5012
CV_250UA pin= 38, data=2/4, code=1860, volt=-0.0008
CV_250UA pin= 38, data=3/4, code=3343, volt= 3.0008
CV_250UA pin= 38, data=4/4, code=5815, volt= 8.0001
CV_250UA pin= 39, data=1/4, code= 653, volt=-2.5034
CV_250UA pin= 39, data=2/4, code=1897, volt=-0.0023
CV_250UA pin= 39, data=3/4, code=3390, volt= 2.9995
CV_250UA pin= 39, data=4/4, code=5878, volt= 8.0008
CV_250UA pin= 40, data=1/4, code= 646, volt=-2.5032
CV_250UA pin= 40, data=2/4, code=1884, volt=-0.0026
CV_250UA pin= 40, data=3/4, code=3371, volt= 3.0010
CV_250UA pin= 40, data=4/4, code=5848, volt= 8.0006
CV_250UA pin= 41, data=1/4, code= 638, volt=-2.5014
CV_250UA pin= 41, data=2/4, code=1879, volt=-0.0008
CV_250UA pin= 41, data=3/4, code=3367, volt= 2.9980
CV_250UA pin= 41, data=4/4, code=5848, volt= 8.0008
CV_250UA pin= 42, data=1/4, code= 663, volt=-2.5032
CV_250UA pin= 42, data=2/4, code=1907, volt=-0.0015
CV_250UA pin= 42, data=3/4, code=3399, volt= 2.9985
CV_250UA pin= 42, data=4/4, code=5887, volt= 8.0003
CV_250UA pin= 43, data=1/4, code= 682, volt=-2.5042
CV_250UA pin= 43, data=2/4, code=1924, volt= 0.0003
CV_250UA pin= 43, data=3/4, code=3413, volt= 2.9997
CV_250UA pin= 43, data=4/4, code=5896, volt= 8.0008
CV_250UA pin= 44, data=1/4, code= 654, volt=-2.5027
CV_250UA pin= 44, data=2/4, code=1898, volt=-0.0008
CV_250UA pin= 44, data=3/4, code=3390, volt= 3.0005
CV_250UA pin= 44, data=4/4, code=5877, volt= 7.9999

CV_250UA pin= 45, data=1/4, code= 663, volt=-2.5009
CV_250UA pin= 45, data=2/4, code=1905, volt=-0.0003
CV_250UA pin= 45, data=3/4, code=3396, volt= 2.9995
CV_250UA pin= 45, data=4/4, code=5881, volt= 8.0006
CV_250UA pin= 46, data=1/4, code= 646, volt=-2.5007
CV_250UA pin= 46, data=2/4, code=1887, volt=-0.0020
CV_250UA pin= 46, data=3/4, code=3377, volt= 2.9985
CV_250UA pin= 46, data=4/4, code=5861, volt= 8.0005
CV_250UA pin= 47, data=1/4, code= 664, volt=-2.5028
CV_250UA pin= 47, data=2/4, code=1905, volt=-0.0028
CV_250UA pin= 47, data=3/4, code=3395, volt= 2.9997
CV_250UA pin= 47, data=4/4, code=5878, volt= 8.0017
CV_250UA pin= 48, data=1/4, code= 687, volt=-2.5004
CV_250UA pin= 48, data=2/4, code=1924, volt=-0.0015
CV_250UA pin= 48, data=3/4, code=3409, volt= 2.9990
CV_250UA pin= 48, data=4/4, code=5884, volt= 7.9976
CV_250UA pin= 49, data=1/4, code= 679, volt=-2.5033
CV_250UA pin= 49, data=2/4, code=1927, volt= 0.0003
CV_250UA pin= 49, data=3/4, code=3424, volt= 3.0010
CV_250UA pin= 49, data=4/4, code=5919, volt= 7.9987
CV_250UA pin= 50, data=1/4, code= 667, volt=-2.5025
CV_250UA pin= 50, data=2/4, code=1913, volt=-0.0020
CV_250UA pin= 50, data=3/4, code=3409, volt= 2.9990
CV_250UA pin= 50, data=4/4, code=5902, volt= 7.9997
CV_250UA pin= 51, data=1/4, code= 674, volt=-2.5008
CV_250UA pin= 51, data=2/4, code=1914, volt=-0.0003
CV_250UA pin= 51, data=3/4, code=3402, volt= 3.0003
CV_250UA pin= 51, data=4/4, code=5882, volt= 7.9987
CV_250UA pin= 52, data=1/4, code= 668, volt=-2.5040
CV_250UA pin= 52, data=2/4, code=1908, volt= 0.0003
CV_250UA pin= 52, data=3/4, code=3395, volt= 3.0005
CV_250UA pin= 52, data=4/4, code=5873, volt= 7.9995
CV_250UA pin= 53, data=1/4, code= 663, volt=-2.5005
CV_250UA pin= 53, data=2/4, code=1908, volt=-0.0008
CV_250UA pin= 53, data=3/4, code=3403, volt= 3.0000
CV_250UA pin= 53, data=4/4, code=5894, volt= 7.9993

CV_250UA pin= 54, data=1/4, code= 649, volt=-2.5019
CV_250UA pin= 54, data=2/4, code=1891, volt=-0.0008
CV_250UA pin= 54, data=3/4, code=3381, volt= 2.9987
CV_250UA pin= 54, data=4/4, code=5865, volt= 8.0003
CV_250UA pin= 55, data=1/4, code= 678, volt=-2.5008
CV_250UA pin= 55, data=2/4, code=1921, volt= 0.0000
CV_250UA pin= 55, data=3/4, code=3412, volt= 2.9987
CV_250UA pin= 55, data=4/4, code=5898, volt= 7.9969
CV_250UA pin= 56, data=1/4, code= 670, volt=-2.5019
CV_250UA pin= 56, data=2/4, code=1919, volt= 0.0003
CV_250UA pin= 56, data=3/4, code=3417, volt= 2.9990
CV_250UA pin= 56, data=4/4, code=5914, volt= 7.9970
CV_250UA pin=129, data=1/4, code= 670, volt=-2.5016
CV_250UA pin=129, data=2/4, code=1911, volt=-0.0013
CV_250UA pin=129, data=3/4, code=3401, volt= 2.9992
CV_250UA pin=129, data=4/4, code=5885, volt= 7.9992
CV_250UA pin=130, data=1/4, code= 663, volt=-2.5021
CV_250UA pin=130, data=2/4, code=1906, volt=-0.0013
CV_250UA pin=130, data=3/4, code=3398, volt= 2.9997
CV_250UA pin=130, data=4/4, code=5884, volt= 7.9994
CV_250UA pin=131, data=1/4, code= 653, volt=-2.5022
CV_250UA pin=131, data=2/4, code=1898, volt=-0.0003
CV_250UA pin=131, data=3/4, code=3392, volt= 2.9992
CV_250UA pin=131, data=4/4, code=5882, volt= 7.9983
CV_250UA pin=132, data=1/4, code= 648, volt=-2.4997
CV_250UA pin=132, data=2/4, code=1891, volt=-0.0008
CV_250UA pin=132, data=3/4, code=3384, volt= 2.9992
CV_250UA pin=132, data=4/4, code=5872, volt= 7.9982
CV_250UA pin=133, data=1/4, code= 657, volt=-2.5031
CV_250UA pin=133, data=2/4, code=1898, volt=-0.0010
CV_250UA pin=133, data=3/4, code=3388, volt= 3.0005
CV_250UA pin=133, data=4/4, code=5870, volt= 7.9997
CV_250UA pin=134, data=1/4, code= 667, volt=-2.5026
CV_250UA pin=134, data=2/4, code=1909, volt=-0.0026
CV_250UA pin=134, data=3/4, code=3400, volt= 3.0003
CV_250UA pin=134, data=4/4, code=5885, volt= 8.0003

CV_250UA pin=135, data=1/4, code= 654, volt=-2.5043
CV_250UA pin=135, data=2/4, code=1897, volt=-0.0018
CV_250UA pin=135, data=3/4, code=3389, volt= 2.9987
CV_250UA pin=135, data=4/4, code=5876, volt= 8.0008
CV_250UA pin=136, data=1/4, code= 667, volt=-2.5031
CV_250UA pin=136, data=2/4, code=1913, volt=-0.0020
CV_250UA pin=136, data=3/4, code=3409, volt= 2.9992
CV_250UA pin=136, data=4/4, code=5902, volt= 7.9974
CV_250UA pin=137, data=1/4, code= 682, volt=-2.5021
CV_250UA pin=137, data=2/4, code=1929, volt=-0.0008
CV_250UA pin=137, data=3/4, code=3425, volt= 2.9997
CV_250UA pin=137, data=4/4, code=5919, volt= 7.9986
CV_250UA pin=138, data=1/4, code= 673, volt=-2.5017
CV_250UA pin=138, data=2/4, code=1920, volt=-0.0000
CV_250UA pin=138, data=3/4, code=3415, volt= 2.9980
CV_250UA pin=138, data=4/4, code=5909, volt= 7.9985
CV_250UA pin=139, data=1/4, code= 667, volt=-2.5022
CV_250UA pin=139, data=2/4, code=1910, volt= 0.0003
CV_250UA pin=139, data=3/4, code=3401, volt= 3.0003
CV_250UA pin=139, data=4/4, code=5887, volt= 7.9997
CV_250UA pin=140, data=1/4, code= 694, volt=-2.5013
CV_250UA pin=140, data=2/4, code=1936, volt=-0.0008
CV_250UA pin=140, data=3/4, code=3427, volt= 3.0005
CV_250UA pin=140, data=4/4, code=5911, volt= 7.9968
CV_250UA pin=141, data=1/4, code= 666, volt=-2.5022
CV_250UA pin=141, data=2/4, code=1904, volt=-0.0005
CV_250UA pin=141, data=3/4, code=3390, volt= 2.9987
CV_250UA pin=141, data=4/4, code=5867, volt= 8.0002
CV_250UA pin=142, data=1/4, code= 676, volt=-2.5017
CV_250UA pin=142, data=2/4, code=1916, volt= 0.0003
CV_250UA pin=142, data=3/4, code=3403, volt= 2.9990
CV_250UA pin=142, data=4/4, code=5882, volt= 7.9993
CV_250UA pin=143, data=1/4, code= 651, volt=-2.5020
CV_250UA pin=143, data=2/4, code=1891, volt= 0.0008
CV_250UA pin=143, data=3/4, code=3378, volt= 2.9990
CV_250UA pin=143, data=4/4, code=5857, volt= 7.9986

CV_250UA pin=144, data=1/4, code= 668, volt=-2.5024
CV_250UA pin=144, data=2/4, code=1907, volt=-0.0013
CV_250UA pin=144, data=3/4, code=3394, volt= 3.0003
CV_250UA pin=144, data=4/4, code=5872, volt= 7.9991
CV_250UA pin=145, data=1/4, code= 627, volt=-2.5028
CV_250UA pin=145, data=2/4, code=1873, volt=-0.0013
CV_250UA pin=145, data=3/4, code=3368, volt= 2.9987
CV_250UA pin=145, data=4/4, code=5860, volt= 7.9998
CV_250UA pin=146, data=1/4, code= 628, volt=-2.5020
CV_250UA pin=146, data=2/4, code=1871, volt=-0.0023
CV_250UA pin=146, data=3/4, code=3363, volt= 3.0008
CV_250UA pin=146, data=4/4, code=5849, volt= 7.9996
CV_250UA pin=147, data=1/4, code= 659, volt=-2.5027
CV_250UA pin=147, data=2/4, code=1904, volt= 0.0003
CV_250UA pin=147, data=3/4, code=3397, volt= 2.9992
CV_250UA pin=147, data=4/4, code=5887, volt= 7.9998
CV_250UA pin=148, data=1/4, code= 634, volt=-2.5020
CV_250UA pin=148, data=2/4, code=1876, volt=-0.0005
CV_250UA pin=148, data=3/4, code=3366, volt= 2.9992
CV_250UA pin=148, data=4/4, code=5850, volt= 8.0001
CV_250UA pin=149, data=1/4, code= 666, volt=-2.5032
CV_250UA pin=149, data=2/4, code=1908, volt=-0.0008
CV_250UA pin=149, data=3/4, code=3398, volt= 2.9992
CV_250UA pin=149, data=4/4, code=5882, volt= 8.0011
CV_250UA pin=150, data=1/4, code= 649, volt=-2.5021
CV_250UA pin=150, data=2/4, code=1888, volt=-0.0005
CV_250UA pin=150, data=3/4, code=3375, volt= 2.9992
CV_250UA pin=150, data=4/4, code=5854, volt= 7.9995
CV_250UA pin=151, data=1/4, code= 662, volt=-2.5031
CV_250UA pin=151, data=2/4, code=1902, volt=-0.0020
CV_250UA pin=151, data=3/4, code=3390, volt= 2.9995
CV_250UA pin=151, data=4/4, code=5870, volt= 8.0005
CV_250UA pin=152, data=1/4, code= 637, volt=-2.5047
CV_250UA pin=152, data=2/4, code=1882, volt=-0.0013
CV_250UA pin=152, data=3/4, code=3375, volt= 3.0000
CV_250UA pin=152, data=4/4, code=5863, volt= 7.9988

CV_250UA pin=153, data=1/4, code= 653, volt=-2.5029
CV_250UA pin=153, data=2/4, code=1900, volt= 0.0003
CV_250UA pin=153, data=3/4, code=3396, volt= 2.9997
CV_250UA pin=153, data=4/4, code=5890, volt= 8.0006
CV_250UA pin=154, data=1/4, code= 682, volt=-2.5032
CV_250UA pin=154, data=2/4, code=1927, volt=-0.0005
CV_250UA pin=154, data=3/4, code=3420, volt= 3.0008
CV_250UA pin=154, data=4/4, code=5909, volt= 7.9986
CV_250UA pin=155, data=1/4, code= 683, volt=-2.5037
CV_250UA pin=155, data=2/4, code=1934, volt=-0.0013
CV_250UA pin=155, data=3/4, code=3435, volt= 3.0003
CV_250UA pin=155, data=4/4, code=5936, volt= 7.9992
CV_250UA pin=156, data=1/4, code= 662, volt=-2.5045
CV_250UA pin=156, data=2/4, code=1908, volt=-0.0023
CV_250UA pin=156, data=3/4, code=3404, volt= 3.0005
CV_250UA pin=156, data=4/4, code=5897, volt= 8.0025
CV_250UA pin=157, data=1/4, code= 666, volt=-2.5039
CV_250UA pin=157, data=2/4, code=1912, volt=-0.0010
CV_250UA pin=157, data=3/4, code=3407, volt= 2.9992
CV_250UA pin=157, data=4/4, code=5899, volt= 8.0000
CV_250UA pin=158, data=1/4, code= 678, volt=-2.5040
CV_250UA pin=158, data=2/4, code=1923, volt=-0.0010
CV_250UA pin=158, data=3/4, code=3417, volt= 2.9987
CV_250UA pin=158, data=4/4, code=5907, volt= 8.0008
CV_250UA pin=159, data=1/4, code= 675, volt=-2.5016
CV_250UA pin=159, data=2/4, code=1921, volt=-0.0013
CV_250UA pin=159, data=3/4, code=3417, volt= 2.9990
CV_250UA pin=159, data=4/4, code=5910, volt= 7.9971
CV_250UA pin=160, data=1/4, code= 660, volt=-2.4999
CV_250UA pin=160, data=2/4, code=1903, volt=-0.0000
CV_250UA pin=160, data=3/4, code=3395, volt= 2.9992
CV_250UA pin=160, data=4/4, code=5882, volt= 7.9995
CV_250UA pin=161, data=1/4, code= 661, volt=-2.4992
CV_250UA pin=161, data=2/4, code=1903, volt=-0.0010
CV_250UA pin=161, data=3/4, code=3394, volt= 2.9995
CV_250UA pin=161, data=4/4, code=5879, volt= 7.9979

CV_250UA pin=162, data=1/4, code= 685, volt=-2.5021
CV_250UA pin=162, data=2/4, code=1933, volt=-0.0010
CV_250UA pin=162, data=3/4, code=3431, volt= 2.9995
CV_250UA pin=162, data=4/4, code=5928, volt= 7.9998
CV_250UA pin=163, data=1/4, code= 647, volt=-2.5034
CV_250UA pin=163, data=2/4, code=1890, volt=-0.0018
CV_250UA pin=163, data=3/4, code=3382, volt= 2.9997
CV_250UA pin=163, data=4/4, code=5868, volt= 7.9998
CV_250UA pin=164, data=1/4, code= 660, volt=-2.5029
CV_250UA pin=164, data=2/4, code=1904, volt=-0.0013
CV_250UA pin=164, data=3/4, code=3396, volt= 2.9995
CV_250UA pin=164, data=4/4, code=5884, volt= 8.0002
CV_250UA pin=165, data=1/4, code= 669, volt=-2.5008
CV_250UA pin=165, data=2/4, code=1915, volt=-0.0008
CV_250UA pin=165, data=3/4, code=3410, volt= 2.9997
CV_250UA pin=165, data=4/4, code=5902, volt= 7.9999
CV_250UA pin=166, data=1/4, code= 686, volt=-2.5013
CV_250UA pin=166, data=2/4, code=1933, volt=-0.0000
CV_250UA pin=166, data=3/4, code=3429, volt= 3.0000
CV_250UA pin=166, data=4/4, code=5922, volt= 7.9996
CV_250UA pin=167, data=1/4, code= 683, volt=-2.5035
CV_250UA pin=167, data=2/4, code=1930, volt=-0.0020
CV_250UA pin=167, data=3/4, code=3428, volt= 2.9997
CV_250UA pin=167, data=4/4, code=5923, volt= 8.0009
CV_250UA pin=168, data=1/4, code= 679, volt=-2.5032
CV_250UA pin=168, data=2/4, code=1927, volt=-0.0018
CV_250UA pin=168, data=3/4, code=3425, volt= 2.9992
CV_250UA pin=168, data=4/4, code=5922, volt= 7.9994
CV_250UA pin=169, data=1/4, code= 659, volt=-2.5030
CV_250UA pin=169, data=2/4, code=1903, volt=-0.0010
CV_250UA pin=169, data=3/4, code=3395, volt= 2.9990
CV_250UA pin=169, data=4/4, code=5882, volt= 8.0005
CV_250UA pin=170, data=1/4, code= 655, volt=-2.5055
CV_250UA pin=170, data=2/4, code=1896, volt=-0.0020
CV_250UA pin=170, data=3/4, code=3385, volt= 3.0010
CV_250UA pin=170, data=4/4, code=5866, volt= 8.0019

CV_250UA pin=172, data=1/4, code= 670, volt=-2.5037
CV_250UA pin=172, data=2/4, code=1918, volt=-0.0010
CV_250UA pin=172, data=3/4, code=3415, volt= 2.9992
CV_250UA pin=172, data=4/4, code=5910, volt= 7.9983
CV_250UA pin=173, data=1/4, code= 642, volt=-2.5049
CV_250UA pin=173, data=2/4, code=1887, volt=-0.0008
CV_250UA pin=173, data=3/4, code=3380, volt= 2.9997
CV_250UA pin=173, data=4/4, code=5869, volt= 8.0005
CV_250UA pin=175, data=1/4, code= 670, volt=-2.5029
CV_250UA pin=175, data=2/4, code=1913, volt=-0.0010
CV_250UA pin=175, data=3/4, code=3404, volt= 2.9995
CV_250UA pin=175, data=4/4, code=5890, volt= 8.0022
CV_250UA pin=176, data=1/4, code= 650, volt=-2.5029
CV_250UA pin=176, data=2/4, code=1895, volt= 0.0003
CV_250UA pin=176, data=3/4, code=3388, volt= 3.0008
CV_250UA pin=176, data=4/4, code=5877, volt= 8.0010
CV_250UA pin=177, data=1/4, code= 655, volt=-2.5028
CV_250UA pin=177, data=2/4, code=1902, volt=-0.0015
CV_250UA pin=177, data=3/4, code=3400, volt= 3.0005
CV_250UA pin=177, data=4/4, code=5895, volt= 7.9991
CV_250UA pin=178, data=1/4, code= 662, volt=-2.5037
CV_250UA pin=178, data=2/4, code=1902, volt=-0.0010
CV_250UA pin=178, data=3/4, code=3390, volt= 3.0000
CV_250UA pin=178, data=4/4, code=5870, volt= 8.0007
CV_250UA pin=179, data=1/4, code= 660, volt=-2.5030
CV_250UA pin=179, data=2/4, code=1908, volt=-0.0003
CV_250UA pin=179, data=3/4, code=3405, volt= 2.9992
CV_250UA pin=179, data=4/4, code=5901, volt= 7.9974
CV_250UA pin=180, data=1/4, code= 647, volt=-2.5047
CV_250UA pin=180, data=2/4, code=1896, volt=-0.0023
CV_250UA pin=180, data=3/4, code=3393, volt= 2.9995
CV_250UA pin=180, data=4/4, code=5890, volt= 8.0038
CV_250UA pin=181, data=1/4, code= 658, volt=-2.5023
CV_250UA pin=181, data=2/4, code=1901, volt=-0.0020
CV_250UA pin=181, data=3/4, code=3394, volt= 3.0003
CV_250UA pin=181, data=4/4, code=5881, volt= 8.0008

CV_250UA pin=182, data=1/4, code= 627, volt=-2.5038
CV_250UA pin=182, data=2/4, code=1863, volt=-0.0018
CV_250UA pin=182, data=3/4, code=3346, volt= 2.9990
CV_250UA pin=182, data=4/4, code=5818, volt= 7.9985
CV_250UA pin=183, data=1/4, code= 632, volt=-2.5016
CV_250UA pin=183, data=2/4, code=1872, volt= 0.0005
CV_250UA pin=183, data=3/4, code=3359, volt= 2.9995
CV_250UA pin=183, data=4/4, code=5838, volt= 7.9986
CV_250UA pin=184, data=1/4, code= 673, volt=-2.5046
CV_250UA pin=184, data=2/4, code=1913, volt=-0.0023
CV_250UA pin=184, data=3/4, code=3401, volt= 3.0000
CV_250UA pin=184, data=4/4, code=5881, volt= 8.0022
PRE_CV_10UA pin= 1, data=1/2, code=1950, volt= 0.0326
PRE_CV_10UA pin= 1, data=2/2, code=4450, volt= 5.0674
PRE_CV_10UA pin= 2, data=1/2, code=1950, volt= 0.0582
PRE_CV_10UA pin= 2, data=2/2, code=4450, volt= 5.0798
PRE_CV_10UA pin= 3, data=1/2, code=1950, volt= 0.0272
PRE_CV_10UA pin= 3, data=2/2, code=4450, volt= 5.0465
PRE_CV_10UA pin= 4, data=1/2, code=1950, volt= 0.0867
PRE_CV_10UA pin= 4, data=2/2, code=4450, volt= 5.1128
PRE_CV_10UA pin= 5, data=1/2, code=1950, volt= 0.0745
PRE_CV_10UA pin= 5, data=2/2, code=4450, volt= 5.1088
PRE_CV_10UA pin= 6, data=1/2, code=1950, volt= 0.0677
PRE_CV_10UA pin= 6, data=2/2, code=4450, volt= 5.0975
PRE_CV_10UA pin= 7, data=1/2, code=1950, volt= 0.0597
PRE_CV_10UA pin= 7, data=2/2, code=4450, volt= 5.0963
PRE_CV_10UA pin= 8, data=1/2, code=1950, volt= 0.0588
PRE_CV_10UA pin= 8, data=2/2, code=4450, volt= 5.0937
PRE_CV_10UA pin= 9, data=1/2, code=1950, volt= 0.1598
PRE_CV_10UA pin= 9, data=2/2, code=4450, volt= 5.2009
PRE_CV_10UA pin= 10, data=1/2, code=1950, volt= 0.2059
PRE_CV_10UA pin= 10, data=2/2, code=4450, volt= 5.2337
PRE_CV_10UA pin= 11, data=1/2, code=1950, volt= 0.1354
PRE_CV_10UA pin= 11, data=2/2, code=4450, volt= 5.1762
PRE_CV_10UA pin= 12, data=1/2, code=1950, volt= 0.1658
PRE_CV_10UA pin= 12, data=2/2, code=4450, volt= 5.2063

PRE_CV_10UA pin= 13, data=1/2, code=1950, volt= 0.1786
PRE_CV_10UA pin= 13, data=2/2, code=4450, volt= 5.2317
PRE_CV_10UA pin= 14, data=1/2, code=1950, volt= 0.1142
PRE_CV_10UA pin= 14, data=2/2, code=4450, volt= 5.1644
PRE_CV_10UA pin= 15, data=1/2, code=1950, volt= 0.1317
PRE_CV_10UA pin= 15, data=2/2, code=4450, volt= 5.1777
PRE_CV_10UA pin= 16, data=1/2, code=1950, volt= 0.1401
PRE_CV_10UA pin= 16, data=2/2, code=4450, volt= 5.1659
PRE_CV_10UA pin= 17, data=1/2, code=1950, volt= 0.1233
PRE_CV_10UA pin= 17, data=2/2, code=4450, volt= 5.1838
PRE_CV_10UA pin= 18, data=1/2, code=1950, volt= 0.0964
PRE_CV_10UA pin= 18, data=2/2, code=4450, volt= 5.1285
PRE_CV_10UA pin= 19, data=1/2, code=1950, volt= 0.1114
PRE_CV_10UA pin= 19, data=2/2, code=4450, volt= 5.1543
PRE_CV_10UA pin= 20, data=1/2, code=1950, volt= 0.1264
PRE_CV_10UA pin= 20, data=2/2, code=4450, volt= 5.1569
PRE_CV_10UA pin= 21, data=1/2, code=1950, volt= 0.1170
PRE_CV_10UA pin= 21, data=2/2, code=4450, volt= 5.1608
PRE_CV_10UA pin= 22, data=1/2, code=1950, volt= 0.0749
PRE_CV_10UA pin= 22, data=2/2, code=4450, volt= 5.1149
PRE_CV_10UA pin= 23, data=1/2, code=1950, volt= 0.0876
PRE_CV_10UA pin= 23, data=2/2, code=4450, volt= 5.1259
PRE_CV_10UA pin= 24, data=1/2, code=1950, volt= 0.1205
PRE_CV_10UA pin= 24, data=2/2, code=4450, volt= 5.1698
PRE_CV_10UA pin= 25, data=1/2, code=1950, volt= 0.1237
PRE_CV_10UA pin= 25, data=2/2, code=4450, volt= 5.1641
PRE_CV_10UA pin= 26, data=1/2, code=1950, volt= 0.1608
PRE_CV_10UA pin= 26, data=2/2, code=4450, volt= 5.2065
PRE_CV_10UA pin= 27, data=1/2, code=1950, volt= 0.1548
PRE_CV_10UA pin= 27, data=2/2, code=4450, volt= 5.1960
PRE_CV_10UA pin= 28, data=1/2, code=1950, volt= 0.1428
PRE_CV_10UA pin= 28, data=2/2, code=4450, volt= 5.1830
PRE_CV_10UA pin= 29, data=1/2, code=1950, volt= 0.1253
PRE_CV_10UA pin= 29, data=2/2, code=4450, volt= 5.1661
PRE_CV_10UA pin= 30, data=1/2, code=1950, volt= 0.1451
PRE_CV_10UA pin= 30, data=2/2, code=4450, volt= 5.1706

PRE_CV_10UA pin= 31, data=1/2, code=1950, volt= 0.1644
PRE_CV_10UA pin= 31, data=2/2, code=4450, volt= 5.2080
PRE_CV_10UA pin= 32, data=1/2, code=1950, volt= 0.1497
PRE_CV_10UA pin= 32, data=2/2, code=4450, volt= 5.2015
PRE_CV_10UA pin= 33, data=1/2, code=1950, volt= 0.0949
PRE_CV_10UA pin= 33, data=2/2, code=4450, volt= 5.1241
PRE_CV_10UA pin= 34, data=1/2, code=1950, volt= 0.1135
PRE_CV_10UA pin= 34, data=2/2, code=4450, volt= 5.1382
PRE_CV_10UA pin= 35, data=1/2, code=1950, volt= 0.1321
PRE_CV_10UA pin= 35, data=2/2, code=4450, volt= 5.1435
PRE_CV_10UA pin= 36, data=1/2, code=1950, volt= 0.1062
PRE_CV_10UA pin= 36, data=2/2, code=4450, volt= 5.1383
PRE_CV_10UA pin= 37, data=1/2, code=1950, volt= 0.1116
PRE_CV_10UA pin= 37, data=2/2, code=4450, volt= 5.1647
PRE_CV_10UA pin= 38, data=1/2, code=1950, volt= 0.1792
PRE_CV_10UA pin= 38, data=2/2, code=4450, volt= 5.2393
PRE_CV_10UA pin= 39, data=1/2, code=1950, volt= 0.1003
PRE_CV_10UA pin= 39, data=2/2, code=4450, volt= 5.1288
PRE_CV_10UA pin= 40, data=1/2, code=1950, volt= 0.1273
PRE_CV_10UA pin= 40, data=2/2, code=4450, volt= 5.1783
PRE_CV_10UA pin= 41, data=1/2, code=1950, volt= 0.1410
PRE_CV_10UA pin= 41, data=2/2, code=4450, volt= 5.1819
PRE_CV_10UA pin= 42, data=1/2, code=1950, volt= 0.0836
PRE_CV_10UA pin= 42, data=2/2, code=4450, volt= 5.1126
PRE_CV_10UA pin= 43, data=1/2, code=1950, volt= 0.0503
PRE_CV_10UA pin= 43, data=2/2, code=4450, volt= 5.0881
PRE_CV_10UA pin= 44, data=1/2, code=1950, volt= 0.1025
PRE_CV_10UA pin= 44, data=2/2, code=4450, volt= 5.1317
PRE_CV_10UA pin= 45, data=1/2, code=1950, volt= 0.0875
PRE_CV_10UA pin= 45, data=2/2, code=4450, volt= 5.1210
PRE_CV_10UA pin= 46, data=1/2, code=1950, volt= 0.1230
PRE_CV_10UA pin= 46, data=2/2, code=4450, volt= 5.1597
PRE_CV_10UA pin= 47, data=1/2, code=1950, volt= 0.0874
PRE_CV_10UA pin= 47, data=2/2, code=4450, volt= 5.1250
PRE_CV_10UA pin= 48, data=1/2, code=1950, volt= 0.0490
PRE_CV_10UA pin= 48, data=2/2, code=4450, volt= 5.1030

PRE_CV_10UA pin= 49, data=1/2, code=1950, volt= 0.0440
PRE_CV_10UA pin= 49, data=2/2, code=4450, volt= 5.0569
PRE_CV_10UA pin= 50, data=1/2, code=1950, volt= 0.0705
PRE_CV_10UA pin= 50, data=2/2, code=4450, volt= 5.0878
PRE_CV_10UA pin= 51, data=1/2, code=1950, volt= 0.0705
PRE_CV_10UA pin= 51, data=2/2, code=4450, volt= 5.1135
PRE_CV_10UA pin= 52, data=1/2, code=1950, volt= 0.0824
PRE_CV_10UA pin= 52, data=2/2, code=4450, volt= 5.1292
PRE_CV_10UA pin= 53, data=1/2, code=1950, volt= 0.0812
PRE_CV_10UA pin= 53, data=2/2, code=4450, volt= 5.1019
PRE_CV_10UA pin= 54, data=1/2, code=1950, volt= 0.1157
PRE_CV_10UA pin= 54, data=2/2, code=4450, volt= 5.1518
PRE_CV_10UA pin= 55, data=1/2, code=1950, volt= 0.0557
PRE_CV_10UA pin= 55, data=2/2, code=4450, volt= 5.0877
PRE_CV_10UA pin= 56, data=1/2, code=1950, volt= 0.0594
PRE_CV_10UA pin= 56, data=2/2, code=4450, volt= 5.0685
PRE_CV_10UA pin=129, data=1/2, code=1950, volt= 0.0745
PRE_CV_10UA pin=129, data=2/2, code=4450, volt= 5.1106
PRE_CV_10UA pin=130, data=1/2, code=1950, volt= 0.0848
PRE_CV_10UA pin=130, data=2/2, code=4450, volt= 5.1159
PRE_CV_10UA pin=131, data=1/2, code=1950, volt= 0.1012
PRE_CV_10UA pin=131, data=2/2, code=4450, volt= 5.1243
PRE_CV_10UA pin=132, data=1/2, code=1950, volt= 0.1147
PRE_CV_10UA pin=132, data=2/2, code=4450, volt= 5.1421
PRE_CV_10UA pin=133, data=1/2, code=1950, volt= 0.1013
PRE_CV_10UA pin=133, data=2/2, code=4450, volt= 5.1402
PRE_CV_10UA pin=134, data=1/2, code=1950, volt= 0.0789
PRE_CV_10UA pin=134, data=2/2, code=4450, volt= 5.1136
PRE_CV_10UA pin=135, data=1/2, code=1950, volt= 0.1020
PRE_CV_10UA pin=135, data=2/2, code=4450, volt= 5.1329
PRE_CV_10UA pin=136, data=1/2, code=1950, volt= 0.0689
PRE_CV_10UA pin=136, data=2/2, code=4450, volt= 5.0866
PRE_CV_10UA pin=137, data=1/2, code=1950, volt= 0.0389
PRE_CV_10UA pin=137, data=2/2, code=4450, volt= 5.0549
PRE_CV_10UA pin=138, data=1/2, code=1950, volt= 0.0581
PRE_CV_10UA pin=138, data=2/2, code=4450, volt= 5.0753

PRE_CV_10UA pin=139, data=1/2, code=1950, volt= 0.0792
PRE_CV_10UA pin=139, data=2/2, code=4450, volt= 5.1108
PRE_CV_10UA pin=140, data=1/2, code=1950, volt= 0.0256
PRE_CV_10UA pin=140, data=2/2, code=4450, volt= 5.0595
PRE_CV_10UA pin=141, data=1/2, code=1950, volt= 0.0898
PRE_CV_10UA pin=141, data=2/2, code=4450, volt= 5.1397
PRE_CV_10UA pin=142, data=1/2, code=1950, volt= 0.0659
PRE_CV_10UA pin=142, data=2/2, code=4450, volt= 5.1114
PRE_CV_10UA pin=143, data=1/2, code=1950, volt= 0.1155
PRE_CV_10UA pin=143, data=2/2, code=4450, volt= 5.1619
PRE_CV_10UA pin=144, data=1/2, code=1950, volt= 0.0815
PRE_CV_10UA pin=144, data=2/2, code=4450, volt= 5.1303
PRE_CV_10UA pin=145, data=1/2, code=1950, volt= 0.1515
PRE_CV_10UA pin=145, data=2/2, code=4450, volt= 5.1707
PRE_CV_10UA pin=146, data=1/2, code=1950, volt= 0.1562
PRE_CV_10UA pin=146, data=2/2, code=4450, volt= 5.1870
PRE_CV_10UA pin=147, data=1/2, code=1950, volt= 0.0904
PRE_CV_10UA pin=147, data=2/2, code=4450, volt= 5.1144
PRE_CV_10UA pin=148, data=1/2, code=1950, volt= 0.1461
PRE_CV_10UA pin=148, data=2/2, code=4450, volt= 5.1818
PRE_CV_10UA pin=149, data=1/2, code=1950, volt= 0.0803
PRE_CV_10UA pin=149, data=2/2, code=4450, volt= 5.1171
PRE_CV_10UA pin=150, data=1/2, code=1950, volt= 0.1202
PRE_CV_10UA pin=150, data=2/2, code=4450, volt= 5.1676
PRE_CV_10UA pin=151, data=1/2, code=1950, volt= 0.0930
PRE_CV_10UA pin=151, data=2/2, code=4450, volt= 5.1368
PRE_CV_10UA pin=152, data=1/2, code=1950, volt= 0.1335
PRE_CV_10UA pin=152, data=2/2, code=4450, volt= 5.1600
PRE_CV_10UA pin=153, data=1/2, code=1950, volt= 0.0981
PRE_CV_10UA pin=153, data=2/2, code=4450, volt= 5.1139
PRE_CV_10UA pin=154, data=1/2, code=1950, volt= 0.0446
PRE_CV_10UA pin=154, data=2/2, code=4450, volt= 5.0694
PRE_CV_10UA pin=155, data=1/2, code=1950, volt= 0.0297
PRE_CV_10UA pin=155, data=2/2, code=4450, volt= 5.0296
PRE_CV_10UA pin=156, data=1/2, code=1950, volt= 0.0807
PRE_CV_10UA pin=156, data=2/2, code=4450, volt= 5.0981

PRE_CV_10UA pin=157, data=1/2, code=1950, volt= 0.0718
PRE_CV_10UA pin=157, data=2/2, code=4450, volt= 5.0920
PRE_CV_10UA pin=158, data=1/2, code=1950, volt= 0.0491
PRE_CV_10UA pin=158, data=2/2, code=4450, volt= 5.0738
PRE_CV_10UA pin=159, data=1/2, code=1950, volt= 0.0539
PRE_CV_10UA pin=159, data=2/2, code=4450, volt= 5.0714
PRE_CV_10UA pin=160, data=1/2, code=1950, volt= 0.0907
PRE_CV_10UA pin=160, data=2/2, code=4450, volt= 5.1204
PRE_CV_10UA pin=161, data=1/2, code=1950, volt= 0.0906
PRE_CV_10UA pin=161, data=2/2, code=4450, volt= 5.1241
PRE_CV_10UA pin=162, data=1/2, code=1950, volt= 0.0312
PRE_CV_10UA pin=162, data=2/2, code=4450, volt= 5.0411
PRE_CV_10UA pin=163, data=1/2, code=1950, volt= 0.1175
PRE_CV_10UA pin=163, data=2/2, code=4450, volt= 5.1484
PRE_CV_10UA pin=164, data=1/2, code=1950, volt= 0.0897
PRE_CV_10UA pin=164, data=2/2, code=4450, volt= 5.1183
PRE_CV_10UA pin=165, data=1/2, code=1950, volt= 0.0669
PRE_CV_10UA pin=165, data=2/2, code=4450, volt= 5.0868
PRE_CV_10UA pin=166, data=1/2, code=1950, volt= 0.0313
PRE_CV_10UA pin=166, data=2/2, code=4450, volt= 5.0478
PRE_CV_10UA pin=167, data=1/2, code=1950, volt= 0.0364
PRE_CV_10UA pin=167, data=2/2, code=4450, volt= 5.0484
PRE_CV_10UA pin=168, data=1/2, code=1950, volt= 0.0419
PRE_CV_10UA pin=168, data=2/2, code=4450, volt= 5.0528
PRE_CV_10UA pin=169, data=1/2, code=1950, volt= 0.0919
PRE_CV_10UA pin=169, data=2/2, code=4450, volt= 5.1203
PRE_CV_10UA pin=170, data=1/2, code=1950, volt= 0.1063
PRE_CV_10UA pin=170, data=2/2, code=4450, volt= 5.1477
PRE_CV_10UA pin=171, data=1/2, code=1950, volt= 0.0450
F PRE_CV_10UA pin=171, data=2/2, code=4450, volt= 0.0465, Llim= 3.8250, Ulim= 6.2060
PRE_CV_10UA pin=172, data=1/2, code=1950, volt= 0.0619
PRE_CV_10UA pin=172, data=2/2, code=4450, volt= 5.0737
PRE_CV_10UA pin=173, data=1/2, code=1950, volt= 0.1222
PRE_CV_10UA pin=173, data=2/2, code=4450, volt= 5.1494
PRE_CV_10UA pin=174, data=1/2, code=1950, volt= 0.0182
F PRE_CV_10UA pin=174, data=2/2, code=4450, volt= 0.0202, Llim= 3.8250, Ulim= 6.2060

PRE_CV_10UA pin=175, data=1/2, code=1950, volt= 0.0713
PRE_CV_10UA pin=175, data=2/2, code=4450, volt= 5.1037
PRE_CV_10UA pin=176, data=1/2, code=1950, volt= 0.1074
PRE_CV_10UA pin=176, data=2/2, code=4450, volt= 5.1332
PRE_CV_10UA pin=177, data=1/2, code=1950, volt= 0.0921
PRE_CV_10UA pin=177, data=2/2, code=4450, volt= 5.1034
PRE_CV_10UA pin=178, data=1/2, code=1950, volt= 0.0943
PRE_CV_10UA pin=178, data=2/2, code=4450, volt= 5.1367
PRE_CV_10UA pin=179, data=1/2, code=1950, volt= 0.0813
PRE_CV_10UA pin=179, data=2/2, code=4450, volt= 5.0936
PRE_CV_10UA pin=180, data=1/2, code=1950, volt= 0.1059
PRE_CV_10UA pin=180, data=2/2, code=4450, volt= 5.1178
PRE_CV_10UA pin=181, data=1/2, code=1950, volt= 0.0951
PRE_CV_10UA pin=181, data=2/2, code=4450, volt= 5.1247
PRE_CV_10UA pin=182, data=1/2, code=1950, volt= 0.1722
PRE_CV_10UA pin=182, data=2/2, code=4450, volt= 5.2336
PRE_CV_10UA pin=183, data=1/2, code=1950, volt= 0.1545
PRE_CV_10UA pin=183, data=2/2, code=4450, volt= 5.2001
PRE_CV_10UA pin=184, data=1/2, code=1950, volt= 0.0711
PRE_CV_10UA pin=184, data=2/2, code=4450, volt= 5.1147
CV_10UA pin= 1, data=1/4, code= 692, volt=-2.5026
CV_10UA pin= 1, data=2/4, code=1933, volt=-0.0018
CV_10UA pin= 1, data=3/4, code=3423, volt= 3.0008
CV_10UA pin= 1, data=4/4, code=5906, volt= 8.0014
CV_10UA pin= 2, data=1/4, code= 676, volt=-2.5045
CV_10UA pin= 2, data=2/4, code=1921, volt= 0.0000
CV_10UA pin= 2, data=3/4, code=3414, volt= 2.9987
CV_10UA pin= 2, data=4/4, code=5903, volt= 8.0008
CV_10UA pin= 3, data=1/4, code= 691, volt=-2.5031
CV_10UA pin= 3, data=2/4, code=1936, volt=-0.0010
CV_10UA pin= 3, data=3/4, code=3430, volt= 2.9980
CV_10UA pin= 3, data=4/4, code=5921, volt= 8.0010
CV_10UA pin= 4, data=1/4, code= 663, volt=-2.5015
CV_10UA pin= 4, data=2/4, code=1906, volt=-0.0023
CV_10UA pin= 4, data=3/4, code=3399, volt= 3.0005
CV_10UA pin= 4, data=4/4, code=5886, volt= 8.0005

CV_10UA pin= 5, data=1/4, code= 671, volt=-2.5041
CV_10UA pin= 5, data=2/4, code=1913, volt=-0.0005
CV_10UA pin= 5, data=3/4, code=3402, volt= 2.9980
CV_10UA pin= 5, data=4/4, code=5885, volt= 7.9996
CV_10UA pin= 6, data=1/4, code= 673, volt=-2.5042
CV_10UA pin= 6, data=2/4, code=1916, volt=-0.0023
CV_10UA pin= 6, data=3/4, code=3407, volt= 3.0000
CV_10UA pin= 6, data=4/4, code=5892, volt= 8.0012
CV_10UA pin= 7, data=1/4, code= 679, volt=-2.5049
CV_10UA pin= 7, data=2/4, code=1920, volt=-0.0010
CV_10UA pin= 7, data=3/4, code=3409, volt= 2.9997
CV_10UA pin= 7, data=4/4, code=5891, volt= 8.0014
CV_10UA pin= 8, data=1/4, code= 679, volt=-2.5032
CV_10UA pin= 8, data=2/4, code=1920, volt=-0.0008
CV_10UA pin= 8, data=3/4, code=3410, volt= 3.0005
CV_10UA pin= 8, data=4/4, code=5893, volt= 7.9997
CV_10UA pin= 9, data=1/4, code= 630, volt=-2.5026
CV_10UA pin= 9, data=2/4, code=1870, volt=-0.0015
CV_10UA pin= 9, data=3/4, code=3358, volt= 2.9992
CV_10UA pin= 9, data=4/4, code=5838, volt= 7.9995
CV_10UA pin= 10, data=1/4, code= 604, volt=-2.5020
CV_10UA pin= 10, data=2/4, code=1847, volt=-0.0013
CV_10UA pin= 10, data=3/4, code=3339, volt= 2.9995
CV_10UA pin= 10, data=4/4, code=5825, volt= 7.9995
CV_10UA pin= 11, data=1/4, code= 642, volt=-2.5034
CV_10UA pin= 11, data=2/4, code=1882, volt=-0.0018
CV_10UA pin= 11, data=3/4, code=3370, volt= 2.9995
CV_10UA pin= 11, data=4/4, code=5850, volt= 8.0014
CV_10UA pin= 12, data=1/4, code= 627, volt=-2.5004
CV_10UA pin= 12, data=2/4, code=1867, volt=-0.0008
CV_10UA pin= 12, data=3/4, code=3355, volt= 2.9982
CV_10UA pin= 12, data=4/4, code=5835, volt= 7.9994
CV_10UA pin= 13, data=1/4, code= 624, volt=-2.5052
CV_10UA pin= 13, data=2/4, code=1861, volt=-0.0026
CV_10UA pin= 13, data=3/4, code=3345, volt= 2.9995
CV_10UA pin= 13, data=4/4, code=5819, volt= 8.0006

CV_10UA pin= 14, data=1/4, code= 655, volt=-2.5034
CV_10UA pin= 14, data=2/4, code=1893, volt=-0.0018
CV_10UA pin= 14, data=3/4, code=3378, volt= 3.0000
CV_10UA pin= 14, data=4/4, code=5853, volt= 8.0001
CV_10UA pin= 15, data=1/4, code= 646, volt=-2.5014
CV_10UA pin= 15, data=2/4, code=1884, volt=-0.0023
CV_10UA pin= 15, data=3/4, code=3371, volt= 3.0008
CV_10UA pin= 15, data=4/4, code=5848, volt= 8.0009
CV_10UA pin= 16, data=1/4, code= 636, volt=-2.5022
CV_10UA pin= 16, data=2/4, code=1880, volt=-0.0005
CV_10UA pin= 16, data=3/4, code=3372, volt= 2.9990
CV_10UA pin= 16, data=4/4, code=5859, volt= 7.9978
CV_10UA pin= 17, data=1/4, code= 654, volt=-2.5011
CV_10UA pin= 17, data=2/4, code=1889, volt=-0.0008
CV_10UA pin= 17, data=3/4, code=3371, volt= 3.0010
CV_10UA pin= 17, data=4/4, code=5841, volt= 8.0002
CV_10UA pin= 18, data=1/4, code= 660, volt=-2.5011
CV_10UA pin= 18, data=2/4, code=1902, volt= 0.0003
CV_10UA pin= 18, data=3/4, code=3392, volt= 2.9995
CV_10UA pin= 18, data=4/4, code=5876, volt= 7.9995
CV_10UA pin= 19, data=1/4, code= 655, volt=-2.5040
CV_10UA pin= 19, data=2/4, code=1894, volt=-0.0026
CV_10UA pin= 19, data=3/4, code=3381, volt= 2.9982
CV_10UA pin= 19, data=4/4, code=5860, volt= 7.9993
CV_10UA pin= 20, data=1/4, code= 644, volt=-2.5051
CV_10UA pin= 20, data=2/4, code=1887, volt=-0.0010
CV_10UA pin= 20, data=3/4, code=3378, volt= 3.0010
CV_10UA pin= 20, data=4/4, code=5862, volt= 7.9986
CV_10UA pin= 21, data=1/4, code= 652, volt=-2.5046
CV_10UA pin= 21, data=2/4, code=1892, volt=-0.0008
CV_10UA pin= 21, data=3/4, code=3378, volt= 2.9990
CV_10UA pin= 21, data=4/4, code=5857, volt= 8.0006
CV_10UA pin= 22, data=1/4, code= 672, volt=-2.5043
CV_10UA pin= 22, data=2/4, code=1912, volt=-0.0018
CV_10UA pin= 22, data=3/4, code=3400, volt= 2.9990
CV_10UA pin= 22, data=4/4, code=5881, volt= 7.9996

CV_10UA pin= 23, data=1/4, code= 666, volt=-2.5024
CV_10UA pin= 23, data=2/4, code=1906, volt=-0.0008
CV_10UA pin= 23, data=3/4, code=3395, volt= 3.0003
CV_10UA pin= 23, data=4/4, code=5876, volt= 8.0004
CV_10UA pin= 24, data=1/4, code= 652, volt=-2.5025
CV_10UA pin= 24, data=2/4, code=1890, volt=-0.0010
CV_10UA pin= 24, data=3/4, code=3375, volt= 2.9995
CV_10UA pin= 24, data=4/4, code=5851, volt= 8.0007
CV_10UA pin= 25, data=1/4, code= 648, volt=-2.5031
CV_10UA pin= 25, data=2/4, code=1888, volt=-0.0015
CV_10UA pin= 25, data=3/4, code=3376, volt= 3.0008
CV_10UA pin= 25, data=4/4, code=5856, volt= 7.9997
CV_10UA pin= 26, data=1/4, code= 631, volt=-2.5026
CV_10UA pin= 26, data=2/4, code=1870, volt=-0.0010
CV_10UA pin= 26, data=3/4, code=3356, volt= 2.9987
CV_10UA pin= 26, data=4/4, code=5834, volt= 7.9997
CV_10UA pin= 27, data=1/4, code= 633, volt=-2.5007
CV_10UA pin= 27, data=2/4, code=1873, volt=-0.0003
CV_10UA pin= 27, data=3/4, code=3360, volt= 2.9985
CV_10UA pin= 27, data=4/4, code=5840, volt= 7.9994
CV_10UA pin= 28, data=1/4, code= 639, volt=-2.5022
CV_10UA pin= 28, data=2/4, code=1879, volt=-0.0015
CV_10UA pin= 28, data=3/4, code=3367, volt= 3.0005
CV_10UA pin= 28, data=4/4, code=5847, volt= 8.0000
CV_10UA pin= 29, data=1/4, code= 647, volt=-2.5031
CV_10UA pin= 29, data=2/4, code=1887, volt=-0.0015
CV_10UA pin= 29, data=3/4, code=3375, volt= 2.9980
CV_10UA pin= 29, data=4/4, code=5855, volt= 7.9992
CV_10UA pin= 30, data=1/4, code= 634, volt=-2.5014
CV_10UA pin= 30, data=2/4, code=1877, volt=-0.0026
CV_10UA pin= 30, data=3/4, code=3370, volt= 3.0005
CV_10UA pin= 30, data=4/4, code=5857, volt= 8.0000
CV_10UA pin= 31, data=1/4, code= 629, volt=-2.5003
CV_10UA pin= 31, data=2/4, code=1868, volt=-0.0018
CV_10UA pin= 31, data=3/4, code=3355, volt= 2.9992
CV_10UA pin= 31, data=4/4, code=5833, volt= 7.9967

CV_10UA pin= 32, data=1/4, code= 638, volt=-2.5024
CV_10UA pin= 32, data=2/4, code=1875, volt=-0.0028
CV_10UA pin= 32, data=3/4, code=3360, volt= 3.0000
CV_10UA pin= 32, data=4/4, code=5834, volt= 7.9992
CV_10UA pin= 33, data=1/4, code= 660, volt=-2.5010
CV_10UA pin= 33, data=2/4, code=1902, volt=-0.0018
CV_10UA pin= 33, data=3/4, code=3394, volt= 2.9997
CV_10UA pin= 33, data=4/4, code=5879, volt= 7.9997
CV_10UA pin= 34, data=1/4, code= 649, volt=-2.5035
CV_10UA pin= 34, data=2/4, code=1893, volt= 0.0008
CV_10UA pin= 34, data=3/4, code=3386, volt= 2.9995
CV_10UA pin= 34, data=4/4, code=5873, volt= 7.9970
CV_10UA pin= 35, data=1/4, code= 636, volt=-2.5041
CV_10UA pin= 35, data=2/4, code=1884, volt= 0.0005
CV_10UA pin= 35, data=3/4, code=3380, volt= 2.9982
CV_10UA pin= 35, data=4/4, code=5875, volt= 8.0013
CV_10UA pin= 36, data=1/4, code= 655, volt=-2.5036
CV_10UA pin= 36, data=2/4, code=1897, volt=-0.0005
CV_10UA pin= 36, data=3/4, code=3387, volt= 2.9987
CV_10UA pin= 36, data=4/4, code=5871, volt= 7.9998
CV_10UA pin= 37, data=1/4, code= 657, volt=-2.5030
CV_10UA pin= 37, data=2/4, code=1894, volt=-0.0026
CV_10UA pin= 37, data=3/4, code=3379, volt= 3.0008
CV_10UA pin= 37, data=4/4, code=5852, volt= 8.0021
CV_10UA pin= 38, data=1/4, code= 626, volt=-2.5012
CV_10UA pin= 38, data=2/4, code=1861, volt=-0.0013
CV_10UA pin= 38, data=3/4, code=3343, volt= 2.9992
CV_10UA pin= 38, data=4/4, code=5813, volt= 7.9991
CV_10UA pin= 39, data=1/4, code= 657, volt=-2.4993
CV_10UA pin= 39, data=2/4, code=1900, volt=-0.0005
CV_10UA pin= 39, data=3/4, code=3391, volt= 3.0015
CV_10UA pin= 39, data=4/4, code=5877, volt= 8.0015
CV_10UA pin= 40, data=1/4, code= 649, volt=-2.5014
CV_10UA pin= 40, data=2/4, code=1886, volt=-0.0028
CV_10UA pin= 40, data=3/4, code=3371, volt= 3.0013
CV_10UA pin= 40, data=4/4, code=5846, volt= 7.9980

CV_10UA pin= 41, data=1/4, code= 640, volt=-2.5021
CV_10UA pin= 41, data=2/4, code=1880, volt= 0.0003
CV_10UA pin= 41, data=3/4, code=3367, volt= 2.9980
CV_10UA pin= 41, data=4/4, code=5847, volt= 8.0011
CV_10UA pin= 42, data=1/4, code= 665, volt=-2.5025
CV_10UA pin= 42, data=2/4, code=1908, volt=-0.0013
CV_10UA pin= 42, data=3/4, code=3399, volt= 2.9985
CV_10UA pin= 42, data=4/4, code=5885, volt= 7.9992
CV_10UA pin= 43, data=1/4, code= 684, volt=-2.5031
CV_10UA pin= 43, data=2/4, code=1925, volt=-0.0000
CV_10UA pin= 43, data=3/4, code=3413, volt= 2.9995
CV_10UA pin= 43, data=4/4, code=5895, volt= 8.0014
CV_10UA pin= 44, data=1/4, code= 656, volt=-2.5014
CV_10UA pin= 44, data=2/4, code=1899, volt=-0.0008
CV_10UA pin= 44, data=3/4, code=3390, volt= 3.0005
CV_10UA pin= 44, data=4/4, code=5875, volt= 7.9991
CV_10UA pin= 45, data=1/4, code= 664, volt=-2.5032
CV_10UA pin= 45, data=2/4, code=1906, volt=-0.0008
CV_10UA pin= 45, data=3/4, code=3396, volt= 2.9992
CV_10UA pin= 45, data=4/4, code=5879, volt= 7.9988
CV_10UA pin= 46, data=1/4, code= 648, volt=-2.5014
CV_10UA pin= 46, data=2/4, code=1888, volt=-0.0026
CV_10UA pin= 46, data=3/4, code=3378, volt= 3.0000
CV_10UA pin= 46, data=4/4, code=5859, volt= 7.9990
CV_10UA pin= 47, data=1/4, code= 665, volt=-2.5048
CV_10UA pin= 47, data=2/4, code=1906, volt=-0.0031
CV_10UA pin= 47, data=3/4, code=3395, volt= 2.9992
CV_10UA pin= 47, data=4/4, code=5876, volt= 8.0002
CV_10UA pin= 48, data=1/4, code= 689, volt=-2.5002
CV_10UA pin= 48, data=2/4, code=1925, volt=-0.0010
CV_10UA pin= 48, data=3/4, code=3409, volt= 2.9992
CV_10UA pin= 48, data=4/4, code=5883, volt= 7.9986
CV_10UA pin= 49, data=1/4, code= 681, volt=-2.5028
CV_10UA pin= 49, data=2/4, code=1928, volt=-0.0000
CV_10UA pin= 49, data=3/4, code=3424, volt= 3.0005
CV_10UA pin= 49, data=4/4, code=5917, volt= 7.9977

CV_10UA pin= 50, data=1/4, code= 669, volt=-2.5017
CV_10UA pin= 50, data=2/4, code=1914, volt=-0.0023
CV_10UA pin= 50, data=3/4, code=3409, volt= 2.9987
CV_10UA pin= 50, data=4/4, code=5901, volt= 8.0003
CV_10UA pin= 51, data=1/4, code= 675, volt=-2.5018
CV_10UA pin= 51, data=2/4, code=1915, volt=-0.0000
CV_10UA pin= 51, data=3/4, code=3402, volt= 3.0005
CV_10UA pin= 51, data=4/4, code=5880, volt= 7.9980
CV_10UA pin= 52, data=1/4, code= 670, volt=-2.5035
CV_10UA pin= 52, data=2/4, code=1909, volt= 0.0000
CV_10UA pin= 52, data=3/4, code=3395, volt= 3.0000
CV_10UA pin= 52, data=4/4, code=5872, volt= 8.0003
CV_10UA pin= 53, data=1/4, code= 664, volt=-2.5020
CV_10UA pin= 53, data=2/4, code=1909, volt=-0.0008
CV_10UA pin= 53, data=3/4, code=3403, volt= 3.0000
CV_10UA pin= 53, data=4/4, code=5893, volt= 8.0003
CV_10UA pin= 54, data=1/4, code= 651, volt=-2.5016
CV_10UA pin= 54, data=2/4, code=1892, volt=-0.0015
CV_10UA pin= 54, data=3/4, code=3381, volt= 2.9985
CV_10UA pin= 54, data=4/4, code=5863, volt= 7.9985
CV_10UA pin= 55, data=1/4, code= 680, volt=-2.5000
CV_10UA pin= 55, data=2/4, code=1922, volt= 0.0000
CV_10UA pin= 55, data=3/4, code=3412, volt= 2.9982
CV_10UA pin= 55, data=4/4, code=5896, volt= 7.9959
CV_10UA pin= 56, data=1/4, code= 672, volt=-2.5002
CV_10UA pin= 56, data=2/4, code=1920, volt= 0.0003
CV_10UA pin= 56, data=3/4, code=3417, volt= 2.9992
CV_10UA pin= 56, data=4/4, code=5913, volt= 7.9986
CV_10UA pin=129, data=1/4, code= 671, volt=-2.5029
CV_10UA pin=129, data=2/4, code=1912, volt=-0.0023
CV_10UA pin=129, data=3/4, code=3402, volt= 3.0003
CV_10UA pin=129, data=4/4, code=5884, volt= 8.0000
CV_10UA pin=130, data=1/4, code= 665, volt=-2.5021
CV_10UA pin=130, data=2/4, code=1907, volt=-0.0020
CV_10UA pin=130, data=3/4, code=3398, volt= 2.9990
CV_10UA pin=130, data=4/4, code=5883, volt= 8.0002

CV_10UA pin=131, data=1/4, code= 655, volt=-2.5022
CV_10UA pin=131, data=2/4, code=1899, volt=-0.0000
CV_10UA pin=131, data=3/4, code=3392, volt= 2.9990
CV_10UA pin=131, data=4/4, code=5881, volt= 7.9991
CV_10UA pin=132, data=1/4, code= 649, volt=-2.5020
CV_10UA pin=132, data=2/4, code=1892, volt=-0.0003
CV_10UA pin=132, data=3/4, code=3384, volt= 2.9992
CV_10UA pin=132, data=4/4, code=5871, volt= 7.9992
CV_10UA pin=133, data=1/4, code= 659, volt=-2.5026
CV_10UA pin=133, data=2/4, code=1899, volt= 0.0000
CV_10UA pin=133, data=3/4, code=3388, volt= 3.0003
CV_10UA pin=133, data=4/4, code=5868, volt= 7.9987
CV_10UA pin=134, data=1/4, code= 669, volt=-2.5023
CV_10UA pin=134, data=2/4, code=1910, volt=-0.0018
CV_10UA pin=134, data=3/4, code=3400, volt= 2.9995
CV_10UA pin=134, data=4/4, code=5883, volt= 7.9993
CV_10UA pin=135, data=1/4, code= 657, volt=-2.5015
CV_10UA pin=135, data=2/4, code=1899, volt=-0.0010
CV_10UA pin=135, data=3/4, code=3390, volt= 3.0003
CV_10UA pin=135, data=4/4, code=5874, volt= 7.9997
CV_10UA pin=136, data=1/4, code= 670, volt=-2.5008
CV_10UA pin=136, data=2/4, code=1915, volt=-0.0013
CV_10UA pin=136, data=3/4, code=3410, volt= 3.0005
CV_10UA pin=136, data=4/4, code=5901, volt= 7.9981
CV_10UA pin=137, data=1/4, code= 684, volt=-2.5013
CV_10UA pin=137, data=2/4, code=1930, volt=-0.0015
CV_10UA pin=137, data=3/4, code=3425, volt= 2.9995
CV_10UA pin=137, data=4/4, code=5917, volt= 7.9978
CV_10UA pin=138, data=1/4, code= 675, volt=-2.5019
CV_10UA pin=138, data=2/4, code=1921, volt=-0.0003
CV_10UA pin=138, data=3/4, code=3415, volt= 2.9985
CV_10UA pin=138, data=4/4, code=5907, volt= 7.9977
CV_10UA pin=139, data=1/4, code= 668, volt=-2.5040
CV_10UA pin=139, data=2/4, code=1910, volt=-0.0010
CV_10UA pin=139, data=3/4, code=3401, volt= 3.0008
CV_10UA pin=139, data=4/4, code=5885, volt= 7.9992

CV_10UA pin=140, data=1/4, code= 695, volt=-2.5033
CV_10UA pin=140, data=2/4, code=1937, volt=-0.0003
CV_10UA pin=140, data=3/4, code=3427, volt= 3.0008
CV_10UA pin=140, data=4/4, code=5910, volt= 7.9978
CV_10UA pin=141, data=1/4, code= 667, volt=-2.5043
CV_10UA pin=141, data=2/4, code=1905, volt=-0.0008
CV_10UA pin=141, data=3/4, code=3390, volt= 2.9977
CV_10UA pin=141, data=4/4, code=5866, volt= 8.0009
CV_10UA pin=142, data=1/4, code= 678, volt=-2.5020
CV_10UA pin=142, data=2/4, code=1917, volt=-0.0000
CV_10UA pin=142, data=3/4, code=3403, volt= 2.9982
CV_10UA pin=142, data=4/4, code=5881, volt= 8.0006
CV_10UA pin=143, data=1/4, code= 654, volt=-2.4997
CV_10UA pin=143, data=2/4, code=1892, volt=-0.0010
CV_10UA pin=143, data=3/4, code=3379, volt= 2.9995
CV_10UA pin=143, data=4/4, code=5856, volt= 7.9991
CV_10UA pin=144, data=1/4, code= 671, volt=-2.4998
CV_10UA pin=144, data=2/4, code=1909, volt=-0.0008
CV_10UA pin=144, data=3/4, code=3395, volt= 3.0008
CV_10UA pin=144, data=4/4, code=5870, volt= 7.9971
CV_10UA pin=145, data=1/4, code= 629, volt=-2.5031
CV_10UA pin=145, data=2/4, code=1874, volt=-0.0015
CV_10UA pin=145, data=3/4, code=3368, volt= 2.9982
CV_10UA pin=145, data=4/4, code=5859, volt= 8.0001
CV_10UA pin=146, data=1/4, code= 629, volt=-2.5044
CV_10UA pin=146, data=2/4, code=1872, volt=-0.0018
CV_10UA pin=146, data=3/4, code=3363, volt= 3.0003
CV_10UA pin=146, data=4/4, code=5847, volt= 7.9973
CV_10UA pin=147, data=1/4, code= 660, volt=-2.5040
CV_10UA pin=147, data=2/4, code=1905, volt= 0.0003
CV_10UA pin=147, data=3/4, code=3397, volt= 2.9987
CV_10UA pin=147, data=4/4, code=5885, volt= 7.9993
CV_10UA pin=148, data=1/4, code= 636, volt=-2.5009
CV_10UA pin=148, data=2/4, code=1877, volt=-0.0010
CV_10UA pin=148, data=3/4, code=3366, volt= 2.9987
CV_10UA pin=148, data=4/4, code=5849, volt= 8.0011

CV_10UA pin=149, data=1/4, code= 669, volt=-2.5017
CV_10UA pin=149, data=2/4, code=1910, volt= 0.0003
CV_10UA pin=149, data=3/4, code=3399, volt= 3.0005
CV_10UA pin=149, data=4/4, code=5880, volt= 7.9996
CV_10UA pin=150, data=1/4, code= 652, volt=-2.5009
CV_10UA pin=150, data=2/4, code=1890, volt= 0.0003
CV_10UA pin=150, data=3/4, code=3376, volt= 3.0005
CV_10UA pin=150, data=4/4, code=5852, volt= 7.9980
CV_10UA pin=151, data=1/4, code= 664, volt=-2.5024
CV_10UA pin=151, data=2/4, code=1903, volt=-0.0023
CV_10UA pin=151, data=3/4, code=3390, volt= 2.9992
CV_10UA pin=151, data=4/4, code=5869, volt= 8.0005
CV_10UA pin=152, data=1/4, code= 640, volt=-2.5014
CV_10UA pin=152, data=2/4, code=1883, volt=-0.0020
CV_10UA pin=152, data=3/4, code=3375, volt= 2.9992
CV_10UA pin=152, data=4/4, code=5862, volt= 7.9986
CV_10UA pin=153, data=1/4, code= 655, volt=-2.5024
CV_10UA pin=153, data=2/4, code=1901, volt= 0.0003
CV_10UA pin=153, data=3/4, code=3396, volt= 2.9997
CV_10UA pin=153, data=4/4, code=5888, volt= 7.9996
CV_10UA pin=154, data=1/4, code= 684, volt=-2.5030
CV_10UA pin=154, data=2/4, code=1927, volt=-0.0015
CV_10UA pin=154, data=3/4, code=3420, volt= 3.0005
CV_10UA pin=154, data=4/4, code=5908, volt= 7.9994
CV_10UA pin=155, data=1/4, code= 685, volt=-2.5032
CV_10UA pin=155, data=2/4, code=1935, volt=-0.0010
CV_10UA pin=155, data=3/4, code=3435, volt= 3.0003
CV_10UA pin=155, data=4/4, code=5935, volt= 7.9994
CV_10UA pin=156, data=1/4, code= 664, volt=-2.5035
CV_10UA pin=156, data=2/4, code=1909, volt=-0.0026
CV_10UA pin=156, data=3/4, code=3404, volt= 3.0005
CV_10UA pin=156, data=4/4, code=5895, volt= 8.0007
CV_10UA pin=157, data=1/4, code= 669, volt=-2.5021
CV_10UA pin=157, data=2/4, code=1914, volt=-0.0005
CV_10UA pin=157, data=3/4, code=3408, volt= 3.0010
CV_10UA pin=157, data=4/4, code=5898, volt= 8.0005

CV_10UA pin=158, data=1/4, code= 681, volt=-2.5035
CV_10UA pin=158, data=2/4, code=1925, volt=-0.0005
CV_10UA pin=158, data=3/4, code=3418, volt= 3.0003
CV_10UA pin=158, data=4/4, code=5905, volt= 7.9991
CV_10UA pin=159, data=1/4, code= 677, volt=-2.5014
CV_10UA pin=159, data=2/4, code=1923, volt= 0.0003
CV_10UA pin=159, data=3/4, code=3417, volt= 2.9995
CV_10UA pin=159, data=4/4, code=5909, volt= 7.9981
CV_10UA pin=160, data=1/4, code= 662, volt=-2.5002
CV_10UA pin=160, data=2/4, code=1904, volt=-0.0008
CV_10UA pin=160, data=3/4, code=3396, volt= 3.0015
CV_10UA pin=160, data=4/4, code=5881, volt= 8.0003
CV_10UA pin=161, data=1/4, code= 663, volt=-2.5018
CV_10UA pin=161, data=2/4, code=1904, volt=-0.0005
CV_10UA pin=161, data=3/4, code=3395, volt= 3.0015
CV_10UA pin=161, data=4/4, code=5878, volt= 7.9981
CV_10UA pin=162, data=1/4, code= 686, volt=-2.5039
CV_10UA pin=162, data=2/4, code=1934, volt=-0.0005
CV_10UA pin=162, data=3/4, code=3431, volt= 2.9995
CV_10UA pin=162, data=4/4, code=5926, volt= 7.9981
CV_10UA pin=163, data=1/4, code= 649, volt=-2.5024
CV_10UA pin=163, data=2/4, code=1891, volt=-0.0015
CV_10UA pin=163, data=3/4, code=3382, volt= 2.9995
CV_10UA pin=163, data=4/4, code=5867, volt= 8.0011
CV_10UA pin=164, data=1/4, code= 662, volt=-2.5014
CV_10UA pin=164, data=2/4, code=1905, volt=-0.0015
CV_10UA pin=164, data=3/4, code=3396, volt= 2.9992
CV_10UA pin=164, data=4/4, code=5882, volt= 7.9992
CV_10UA pin=165, data=1/4, code= 671, volt=-2.5024
CV_10UA pin=165, data=2/4, code=1916, volt=-0.0015
CV_10UA pin=165, data=3/4, code=3410, volt= 2.9990
CV_10UA pin=165, data=4/4, code=5900, volt= 7.9986
CV_10UA pin=166, data=1/4, code= 688, volt=-2.5033
CV_10UA pin=166, data=2/4, code=1934, volt=-0.0008
CV_10UA pin=166, data=3/4, code=3429, volt= 2.9997
CV_10UA pin=166, data=4/4, code=5921, volt= 7.9996

CV_10UA pin=167, data=1/4, code= 684, volt=-2.5062
CV_10UA pin=167, data=2/4, code=1931, volt=-0.0015
CV_10UA pin=167, data=3/4, code=3428, volt= 3.0000
CV_10UA pin=167, data=4/4, code=5922, volt= 8.0014
CV_10UA pin=168, data=1/4, code= 681, volt=-2.5050
CV_10UA pin=168, data=2/4, code=1929, volt= 0.0000
CV_10UA pin=168, data=3/4, code=3425, volt= 2.9995
CV_10UA pin=168, data=4/4, code=5920, volt= 7.9989
CV_10UA pin=169, data=1/4, code= 661, volt=-2.5025
CV_10UA pin=169, data=2/4, code=1904, volt=-0.0003
CV_10UA pin=169, data=3/4, code=3395, volt= 2.9987
CV_10UA pin=169, data=4/4, code=5881, volt= 8.0018
CV_10UA pin=170, data=1/4, code= 657, volt=-2.5050
CV_10UA pin=170, data=2/4, code=1897, volt=-0.0020
CV_10UA pin=170, data=3/4, code=3384, volt= 2.9990
CV_10UA pin=170, data=4/4, code=5864, volt= 8.0011
CV_10UA pin=172, data=1/4, code= 672, volt=-2.5002
CV_10UA pin=172, data=2/4, code=1919, volt=-0.0010
CV_10UA pin=172, data=3/4, code=3415, volt= 2.9992
CV_10UA pin=172, data=4/4, code=5909, volt= 7.9996
CV_10UA pin=173, data=1/4, code= 645, volt=-2.5016
CV_10UA pin=173, data=2/4, code=1889, volt= 0.0008
CV_10UA pin=173, data=3/4, code=3381, volt= 3.0010
CV_10UA pin=173, data=4/4, code=5867, volt= 7.9995
CV_10UA pin=175, data=1/4, code= 672, volt=-2.5062
CV_10UA pin=175, data=2/4, code=1914, volt=-0.0008
CV_10UA pin=175, data=3/4, code=3404, volt= 2.9990
CV_10UA pin=175, data=4/4, code=5888, volt= 8.0009
CV_10UA pin=176, data=1/4, code= 652, volt=-2.5060
CV_10UA pin=176, data=2/4, code=1896, volt=-0.0010
CV_10UA pin=176, data=3/4, code=3388, volt= 2.9997
CV_10UA pin=176, data=4/4, code=5876, volt= 8.0015
CV_10UA pin=177, data=1/4, code= 656, volt=-2.5043
CV_10UA pin=177, data=2/4, code=1904, volt= 0.0003
CV_10UA pin=177, data=3/4, code=3400, volt= 2.9992
CV_10UA pin=177, data=4/4, code=5895, volt= 8.0024

CV_10UA pin=178, data=1/4, code= 663, volt=-2.5053
CV_10UA pin=178, data=2/4, code=1903, volt=-0.0010
CV_10UA pin=178, data=3/4, code=3390, volt= 2.9990
CV_10UA pin=178, data=4/4, code=5869, volt= 8.0020
CV_10UA pin=179, data=1/4, code= 662, volt=-2.5027
CV_10UA pin=179, data=2/4, code=1909, volt=-0.0000
CV_10UA pin=179, data=3/4, code=3405, volt= 3.0003
CV_10UA pin=179, data=4/4, code=5899, volt= 7.9964
CV_10UA pin=180, data=1/4, code= 650, volt=-2.5030
CV_10UA pin=180, data=2/4, code=1897, volt=-0.0020
CV_10UA pin=180, data=3/4, code=3393, volt= 3.0008
CV_10UA pin=180, data=4/4, code=5887, volt= 7.9990
CV_10UA pin=181, data=1/4, code= 660, volt=-2.5023
CV_10UA pin=181, data=2/4, code=1902, volt=-0.0020
CV_10UA pin=181, data=3/4, code=3393, volt= 2.9992
CV_10UA pin=181, data=4/4, code=5879, volt= 7.9992
CV_10UA pin=182, data=1/4, code= 630, volt=-2.5020
CV_10UA pin=182, data=2/4, code=1864, volt=-0.0023
CV_10UA pin=182, data=3/4, code=3346, volt= 3.0003
CV_10UA pin=182, data=4/4, code=5816, volt= 7.9974
CV_10UA pin=183, data=1/4, code= 634, volt=-2.5009
CV_10UA pin=183, data=2/4, code=1873, volt= 0.0005
CV_10UA pin=183, data=3/4, code=3359, volt= 2.9982
CV_10UA pin=183, data=4/4, code=5837, volt= 7.9999
CV_10UA pin=184, data=1/4, code= 675, volt=-2.5036
CV_10UA pin=184, data=2/4, code=1914, volt=-0.0023
CV_10UA pin=184, data=3/4, code=3401, volt= 2.9985
CV_10UA pin=184, data=4/4, code=5880, volt= 8.0035
PRE_DRV_H pin= 1, data=1/2, code=2875, volt= 2.1016
PRE_DRV_L pin= 1, data=1/2, code=1375, volt=-0.9902
PRE_DRV_H pin= 1, data=2/2, code=4375, volt= 5.1125
PRE_DRV_L pin= 1, data=2/2, code=2875, volt= 2.0165
PRE_DRV_H pin= 2, data=1/2, code=2875, volt= 2.0264
PRE_DRV_L pin= 2, data=1/2, code=1375, volt=-0.9575
PRE_DRV_H pin= 2, data=2/2, code=4375, volt= 5.0257
PRE_DRV_L pin= 2, data=2/2, code=2875, volt= 2.0391

PRE_DRV_H pin= 3, data=1/2, code=2875, volt= 2.0583
PRE_DRV_L pin= 3, data=1/2, code=1375, volt=-0.9635
PRE_DRV_H pin= 3, data=2/2, code=4375, volt= 5.0592
PRE_DRV_L pin= 3, data=2/2, code=2875, volt= 2.0306
PRE_DRV_H pin= 4, data=1/2, code=2875, volt= 2.0641
PRE_DRV_L pin= 4, data=1/2, code=1375, volt=-0.9527
PRE_DRV_H pin= 4, data=2/2, code=4375, volt= 5.0701
PRE_DRV_L pin= 4, data=2/2, code=2875, volt= 2.0508
PRE_DRV_H pin= 5, data=1/2, code=2875, volt= 2.0425
PRE_DRV_L pin= 5, data=1/2, code=1375, volt=-0.9576
PRE_DRV_H pin= 5, data=2/2, code=4375, volt= 5.0504
PRE_DRV_L pin= 5, data=2/2, code=2875, volt= 2.0476
PRE_DRV_H pin= 6, data=1/2, code=2875, volt= 2.0841
PRE_DRV_L pin= 6, data=1/2, code=1375, volt=-0.9583
PRE_DRV_H pin= 6, data=2/2, code=4375, volt= 5.0861
PRE_DRV_L pin= 6, data=2/2, code=2875, volt= 2.0456
PRE_DRV_H pin= 7, data=1/2, code=2875, volt= 2.0582
PRE_DRV_L pin= 7, data=1/2, code=1375, volt=-0.9254
PRE_DRV_H pin= 7, data=2/2, code=4375, volt= 5.0661
PRE_DRV_L pin= 7, data=2/2, code=2875, volt= 2.0798
PRE_DRV_H pin= 8, data=1/2, code=2875, volt= 2.0635
PRE_DRV_L pin= 8, data=1/2, code=1375, volt=-0.9551
PRE_DRV_H pin= 8, data=2/2, code=4375, volt= 5.0661
PRE_DRV_L pin= 8, data=2/2, code=2875, volt= 2.0481
PRE_DRV_H pin= 9, data=1/2, code=2875, volt= 2.0968
PRE_DRV_L pin= 9, data=1/2, code=1375, volt=-0.9813
PRE_DRV_H pin= 9, data=2/2, code=4375, volt= 5.1076
PRE_DRV_L pin= 9, data=2/2, code=2875, volt= 2.0265
PRE_DRV_H pin= 10, data=1/2, code=2875, volt= 2.0410
PRE_DRV_L pin= 10, data=1/2, code=1375, volt=-0.9666
PRE_DRV_H pin= 10, data=2/2, code=4375, volt= 5.0446
PRE_DRV_L pin= 10, data=2/2, code=2875, volt= 2.0374
PRE_DRV_H pin= 11, data=1/2, code=2875, volt= 2.1257
PRE_DRV_L pin= 11, data=1/2, code=1375, volt=-0.9117
PRE_DRV_H pin= 11, data=2/2, code=4375, volt= 5.1336
PRE_DRV_L pin= 11, data=2/2, code=2875, volt= 2.0971

PRE_DRV_H pin= 12, data=1/2, code=2875, volt= 2.0888
PRE_DRV_L pin= 12, data=1/2, code=1375, volt=-0.8986
PRE_DRV_H pin= 12, data=2/2, code=4375, volt= 5.0946
PRE_DRV_L pin= 12, data=2/2, code=2875, volt= 2.1061
PRE_DRV_H pin= 13, data=1/2, code=2875, volt= 2.0549
PRE_DRV_L pin= 13, data=1/2, code=1375, volt=-0.9244
PRE_DRV_H pin= 13, data=2/2, code=4375, volt= 5.0721
PRE_DRV_L pin= 13, data=2/2, code=2875, volt= 2.0924
PRE_DRV_H pin= 14, data=1/2, code=2875, volt= 2.0895
PRE_DRV_L pin= 14, data=1/2, code=1375, volt=-0.9356
PRE_DRV_H pin= 14, data=2/2, code=4375, volt= 5.1027
PRE_DRV_L pin= 14, data=2/2, code=2875, volt= 2.0775
PRE_DRV_H pin= 15, data=1/2, code=2875, volt= 2.0996
PRE_DRV_L pin= 15, data=1/2, code=1375, volt=-0.9600
PRE_DRV_H pin= 15, data=2/2, code=4375, volt= 5.1087
PRE_DRV_L pin= 15, data=2/2, code=2875, volt= 2.0493
PRE_DRV_H pin= 16, data=1/2, code=2875, volt= 2.0600
PRE_DRV_L pin= 16, data=1/2, code=1375, volt=-0.9138
PRE_DRV_H pin= 16, data=2/2, code=4375, volt= 5.0642
PRE_DRV_L pin= 16, data=2/2, code=2875, volt= 2.0896
PRE_DRV_H pin= 17, data=1/2, code=2875, volt= 2.0463
PRE_DRV_L pin= 17, data=1/2, code=1375, volt=-0.9384
PRE_DRV_H pin= 17, data=2/2, code=4375, volt= 5.0605
PRE_DRV_L pin= 17, data=2/2, code=2875, volt= 2.0723
PRE_DRV_H pin= 18, data=1/2, code=2875, volt= 2.0777
PRE_DRV_L pin= 18, data=1/2, code=1375, volt=-0.9526
PRE_DRV_H pin= 18, data=2/2, code=4375, volt= 5.0839
PRE_DRV_L pin= 18, data=2/2, code=2875, volt= 2.0535
PRE_DRV_H pin= 19, data=1/2, code=2875, volt= 2.0759
PRE_DRV_L pin= 19, data=1/2, code=1375, volt=-0.9161
PRE_DRV_H pin= 19, data=2/2, code=4375, volt= 5.0836
PRE_DRV_L pin= 19, data=2/2, code=2875, volt= 2.0905
PRE_DRV_H pin= 20, data=1/2, code=2875, volt= 2.0439
PRE_DRV_L pin= 20, data=1/2, code=1375, volt=-0.9543
PRE_DRV_H pin= 20, data=2/2, code=4375, volt= 5.0445
PRE_DRV_L pin= 20, data=2/2, code=2875, volt= 2.0469

PRE_DRV_H pin= 21, data=1/2, code=2875, volt= 2.1203
PRE_DRV_L pin= 21, data=1/2, code=1375, volt=-0.9518
PRE_DRV_H pin= 21, data=2/2, code=4375, volt= 5.1372
PRE_DRV_L pin= 21, data=2/2, code=2875, volt= 2.0641
PRE_DRV_H pin= 22, data=1/2, code=2875, volt= 2.0968
PRE_DRV_L pin= 22, data=1/2, code=1375, volt=-0.9624
PRE_DRV_H pin= 22, data=2/2, code=4375, volt= 5.1072
PRE_DRV_L pin= 22, data=2/2, code=2875, volt= 2.0446
PRE_DRV_H pin= 23, data=1/2, code=2875, volt= 2.0638
PRE_DRV_L pin= 23, data=1/2, code=1375, volt=-0.9422
PRE_DRV_H pin= 23, data=2/2, code=4375, volt= 5.0688
PRE_DRV_L pin= 23, data=2/2, code=2875, volt= 2.0621
PRE_DRV_H pin= 24, data=1/2, code=2875, volt= 2.0833
PRE_DRV_L pin= 24, data=1/2, code=1375, volt=-0.9394
PRE_DRV_H pin= 24, data=2/2, code=4375, volt= 5.0932
PRE_DRV_L pin= 24, data=2/2, code=2875, volt= 2.0702
PRE_DRV_H pin= 25, data=1/2, code=2875, volt= 2.0872
PRE_DRV_L pin= 25, data=1/2, code=1375, volt=-0.9420
PRE_DRV_H pin= 25, data=2/2, code=4375, volt= 5.0955
PRE_DRV_L pin= 25, data=2/2, code=2875, volt= 2.0627
PRE_DRV_H pin= 26, data=1/2, code=2875, volt= 2.1085
PRE_DRV_L pin= 26, data=1/2, code=1375, volt=-0.9012
PRE_DRV_H pin= 26, data=2/2, code=4375, volt= 5.1239
PRE_DRV_L pin= 26, data=2/2, code=2875, volt= 2.1128
PRE_DRV_H pin= 27, data=1/2, code=2875, volt= 2.0606
PRE_DRV_L pin= 27, data=1/2, code=1375, volt=-0.9330
PRE_DRV_H pin= 27, data=2/2, code=4375, volt= 5.0701
PRE_DRV_L pin= 27, data=2/2, code=2875, volt= 2.0737
PRE_DRV_H pin= 28, data=1/2, code=2875, volt= 2.1161
PRE_DRV_L pin= 28, data=1/2, code=1375, volt=-0.9149
PRE_DRV_H pin= 28, data=2/2, code=4375, volt= 5.1207
PRE_DRV_L pin= 28, data=2/2, code=2875, volt= 2.0885
PRE_DRV_H pin= 29, data=1/2, code=2875, volt= 2.0735
PRE_DRV_L pin= 29, data=1/2, code=1375, volt=-0.9356
PRE_DRV_H pin= 29, data=2/2, code=4375, volt= 5.0816
PRE_DRV_L pin= 29, data=2/2, code=2875, volt= 2.0676

PRE_DRV_H pin= 30, data=1/2, code=2875, volt= 2.0860
PRE_DRV_L pin= 30, data=1/2, code=1375, volt=-0.9781
PRE_DRV_H pin= 30, data=2/2, code=4375, volt= 5.0876
PRE_DRV_L pin= 30, data=2/2, code=2875, volt= 2.0252
PRE_DRV_H pin= 31, data=1/2, code=2875, volt= 2.0999
PRE_DRV_L pin= 31, data=1/2, code=1375, volt=-0.9065
PRE_DRV_H pin= 31, data=2/2, code=4375, volt= 5.1109
PRE_DRV_L pin= 31, data=2/2, code=2875, volt= 2.1012
PRE_DRV_H pin= 32, data=1/2, code=2875, volt= 2.1119
PRE_DRV_L pin= 32, data=1/2, code=1375, volt=-0.9262
PRE_DRV_H pin= 32, data=2/2, code=4375, volt= 5.1288
PRE_DRV_L pin= 32, data=2/2, code=2875, volt= 2.0849
PRE_DRV_H pin= 33, data=1/2, code=2875, volt= 2.0667
PRE_DRV_L pin= 33, data=1/2, code=1375, volt=-0.9551
PRE_DRV_H pin= 33, data=2/2, code=4375, volt= 5.0744
PRE_DRV_L pin= 33, data=2/2, code=2875, volt= 2.0483
PRE_DRV_H pin= 34, data=1/2, code=2875, volt= 2.0352
PRE_DRV_L pin= 34, data=1/2, code=1375, volt=-0.9574
PRE_DRV_H pin= 34, data=2/2, code=4375, volt= 5.0400
PRE_DRV_L pin= 34, data=2/2, code=2875, volt= 2.0431
PRE_DRV_H pin= 35, data=1/2, code=2875, volt= 2.0585
PRE_DRV_L pin= 35, data=1/2, code=1375, volt=-0.9671
PRE_DRV_H pin= 35, data=2/2, code=4375, volt= 5.0530
PRE_DRV_L pin= 35, data=2/2, code=2875, volt= 2.0258
PRE_DRV_H pin= 36, data=1/2, code=2875, volt= 2.0870
PRE_DRV_L pin= 36, data=1/2, code=1375, volt=-0.9195
PRE_DRV_H pin= 36, data=2/2, code=4375, volt= 5.0984
PRE_DRV_L pin= 36, data=2/2, code=2875, volt= 2.0870
PRE_DRV_H pin= 37, data=1/2, code=2875, volt= 2.0363
PRE_DRV_L pin= 37, data=1/2, code=1375, volt=-0.9415
PRE_DRV_H pin= 37, data=2/2, code=4375, volt= 5.0514
PRE_DRV_L pin= 37, data=2/2, code=2875, volt= 2.0644
PRE_DRV_H pin= 38, data=1/2, code=2875, volt= 2.0868
PRE_DRV_L pin= 38, data=1/2, code=1375, volt=-0.9511
PRE_DRV_H pin= 38, data=2/2, code=4375, volt= 5.1024
PRE_DRV_L pin= 38, data=2/2, code=2875, volt= 2.0641

PRE_DRV_H pin= 39, data=1/2, code=2875, volt= 2.0770
PRE_DRV_L pin= 39, data=1/2, code=1375, volt=-0.9810
PRE_DRV_H pin= 39, data=2/2, code=4375, volt= 5.0791
PRE_DRV_L pin= 39, data=2/2, code=2875, volt= 2.0178
PRE_DRV_H pin= 40, data=1/2, code=2875, volt= 2.0669
PRE_DRV_L pin= 40, data=1/2, code=1375, volt=-0.9320
PRE_DRV_H pin= 40, data=2/2, code=4375, volt= 5.0846
PRE_DRV_L pin= 40, data=2/2, code=2875, volt= 2.0803
PRE_DRV_H pin= 41, data=1/2, code=2875, volt= 2.0615
PRE_DRV_L pin= 41, data=1/2, code=1375, volt=-0.9836
PRE_DRV_H pin= 41, data=2/2, code=4375, volt= 5.0674
PRE_DRV_L pin= 41, data=2/2, code=2875, volt= 2.0185
PRE_DRV_H pin= 42, data=1/2, code=2875, volt= 2.0199
PRE_DRV_L pin= 42, data=1/2, code=1375, volt=-0.9739
PRE_DRV_H pin= 42, data=2/2, code=4375, volt= 5.0183
PRE_DRV_L pin= 42, data=2/2, code=2875, volt= 2.0257
PRE_DRV_H pin= 43, data=1/2, code=2875, volt= 2.0609
PRE_DRV_L pin= 43, data=1/2, code=1375, volt=-0.9157
PRE_DRV_H pin= 43, data=2/2, code=4375, volt= 5.0689
PRE_DRV_L pin= 43, data=2/2, code=2875, volt= 2.0890
PRE_DRV_H pin= 44, data=1/2, code=2875, volt= 2.0306
PRE_DRV_L pin= 44, data=1/2, code=1375, volt=-0.9542
PRE_DRV_H pin= 44, data=2/2, code=4375, volt= 5.0398
PRE_DRV_L pin= 44, data=2/2, code=2875, volt= 2.0533
PRE_DRV_H pin= 45, data=1/2, code=2875, volt= 2.0761
PRE_DRV_L pin= 45, data=1/2, code=1375, volt=-0.9467
PRE_DRV_H pin= 45, data=2/2, code=4375, volt= 5.0742
PRE_DRV_L pin= 45, data=2/2, code=2875, volt= 2.0477
PRE_DRV_H pin= 46, data=1/2, code=2875, volt= 2.0641
PRE_DRV_L pin= 46, data=1/2, code=1375, volt=-0.9782
PRE_DRV_H pin= 46, data=2/2, code=4375, volt= 5.0659
PRE_DRV_L pin= 46, data=2/2, code=2875, volt= 2.0229
PRE_DRV_H pin= 47, data=1/2, code=2875, volt= 2.0716
PRE_DRV_L pin= 47, data=1/2, code=1375, volt=-0.9404
PRE_DRV_H pin= 47, data=2/2, code=4375, volt= 5.0733
PRE_DRV_L pin= 47, data=2/2, code=2875, volt= 2.0617

PRE_DRV_H pin= 48, data=1/2, code=2875, volt= 2.0566
PRE_DRV_L pin= 48, data=1/2, code=1375, volt=-0.9471
PRE_DRV_H pin= 48, data=2/2, code=4375, volt= 5.0680
PRE_DRV_L pin= 48, data=2/2, code=2875, volt= 2.0655
PRE_DRV_H pin= 49, data=1/2, code=2875, volt= 2.0535
PRE_DRV_L pin= 49, data=1/2, code=1375, volt=-0.9936
PRE_DRV_H pin= 49, data=2/2, code=4375, volt= 5.0546
PRE_DRV_L pin= 49, data=2/2, code=2875, volt= 2.0057
PRE_DRV_H pin= 50, data=1/2, code=2875, volt= 2.0471
PRE_DRV_L pin= 50, data=1/2, code=1375, volt=-0.9409
PRE_DRV_H pin= 50, data=2/2, code=4375, volt= 5.0473
PRE_DRV_L pin= 50, data=2/2, code=2875, volt= 2.0557
PRE_DRV_H pin= 51, data=1/2, code=2875, volt= 2.0750
PRE_DRV_L pin= 51, data=1/2, code=1375, volt=-0.9213
PRE_DRV_H pin= 51, data=2/2, code=4375, volt= 5.0820
PRE_DRV_L pin= 51, data=2/2, code=2875, volt= 2.0814
PRE_DRV_H pin= 52, data=1/2, code=2875, volt= 2.0913
PRE_DRV_L pin= 52, data=1/2, code=1375, volt=-0.9135
PRE_DRV_H pin= 52, data=2/2, code=4375, volt= 5.1007
PRE_DRV_L pin= 52, data=2/2, code=2875, volt= 2.0941
PRE_DRV_H pin= 53, data=1/2, code=2875, volt= 2.0377
PRE_DRV_L pin= 53, data=1/2, code=1375, volt=-1.0018
PRE_DRV_H pin= 53, data=2/2, code=4375, volt= 5.0376
PRE_DRV_L pin= 53, data=2/2, code=2875, volt= 1.9969
PRE_DRV_H pin= 54, data=1/2, code=2875, volt= 2.0644
PRE_DRV_L pin= 54, data=1/2, code=1375, volt=-0.9403
PRE_DRV_H pin= 54, data=2/2, code=4375, volt= 5.0781
PRE_DRV_L pin= 54, data=2/2, code=2875, volt= 2.0689
PRE_DRV_H pin= 55, data=1/2, code=2875, volt= 2.0515
PRE_DRV_L pin= 55, data=1/2, code=1375, volt=-0.9260
PRE_DRV_H pin= 55, data=2/2, code=4375, volt= 5.0564
PRE_DRV_L pin= 55, data=2/2, code=2875, volt= 2.0734
PRE_DRV_H pin= 56, data=1/2, code=2875, volt= 2.0357
PRE_DRV_L pin= 56, data=1/2, code=1375, volt=-0.9725
PRE_DRV_H pin= 56, data=2/2, code=4375, volt= 5.0259
PRE_DRV_L pin= 56, data=2/2, code=2875, volt= 2.0187

PRE_DRV_H pin=129, data=1/2, code=2875, volt= 2.0937
PRE_DRV_L pin=129, data=1/2, code=1375, volt=-0.9609
PRE_DRV_H pin=129, data=2/2, code=4375, volt= 5.1030
PRE_DRV_L pin=129, data=2/2, code=2875, volt= 2.0393
PRE_DRV_H pin=130, data=1/2, code=2875, volt= 2.0605
PRE_DRV_L pin=130, data=1/2, code=1375, volt=-0.9587
PRE_DRV_H pin=130, data=2/2, code=4375, volt= 5.0668
PRE_DRV_L pin=130, data=2/2, code=2875, volt= 2.0480
PRE_DRV_H pin=131, data=1/2, code=2875, volt= 2.0626
PRE_DRV_L pin=131, data=1/2, code=1375, volt=-0.9482
PRE_DRV_H pin=131, data=2/2, code=4375, volt= 5.0642
PRE_DRV_L pin=131, data=2/2, code=2875, volt= 2.0529
PRE_DRV_H pin=132, data=1/2, code=2875, volt= 2.0505
PRE_DRV_L pin=132, data=1/2, code=1375, volt=-0.9215
PRE_DRV_H pin=132, data=2/2, code=4375, volt= 5.0484
PRE_DRV_L pin=132, data=2/2, code=2875, volt= 2.0740
PRE_DRV_H pin=133, data=1/2, code=2875, volt= 2.0535
PRE_DRV_L pin=133, data=1/2, code=1375, volt=-0.9445
PRE_DRV_H pin=133, data=2/2, code=4375, volt= 5.0558
PRE_DRV_L pin=133, data=2/2, code=2875, volt= 2.0560
PRE_DRV_H pin=134, data=1/2, code=2875, volt= 2.0459
PRE_DRV_L pin=134, data=1/2, code=1375, volt=-0.9536
PRE_DRV_H pin=134, data=2/2, code=4375, volt= 5.0516
PRE_DRV_L pin=134, data=2/2, code=2875, volt= 2.0528
PRE_DRV_H pin=135, data=1/2, code=2875, volt= 2.0684
PRE_DRV_L pin=135, data=1/2, code=1375, volt=-0.9293
PRE_DRV_H pin=135, data=2/2, code=4375, volt= 5.0737
PRE_DRV_L pin=135, data=2/2, code=2875, volt= 2.0732
PRE_DRV_H pin=136, data=1/2, code=2875, volt= 2.0755
PRE_DRV_L pin=136, data=1/2, code=1375, volt=-0.9659
PRE_DRV_H pin=136, data=2/2, code=4375, volt= 5.0759
PRE_DRV_L pin=136, data=2/2, code=2875, volt= 2.0326
PRE_DRV_H pin=137, data=1/2, code=2875, volt= 2.0004
PRE_DRV_L pin=137, data=1/2, code=1375, volt=-0.9672
PRE_DRV_H pin=137, data=2/2, code=4375, volt= 4.9950
PRE_DRV_L pin=137, data=2/2, code=2875, volt= 2.0252

PRE_DRV_H pin=138, data=1/2, code=2875, volt= 2.0227
PRE_DRV_L pin=138, data=1/2, code=1375, volt=-0.9599
PRE_DRV_H pin=138, data=2/2, code=4375, volt= 5.0226
PRE_DRV_L pin=138, data=2/2, code=2875, volt= 2.0404
PRE_DRV_H pin=139, data=1/2, code=2875, volt= 2.1035
PRE_DRV_L pin=139, data=1/2, code=1375, volt=-0.9864
PRE_DRV_H pin=139, data=2/2, code=4375, volt= 5.1083
PRE_DRV_L pin=139, data=2/2, code=2875, volt= 2.0233
PRE_DRV_H pin=140, data=1/2, code=2875, volt= 2.0764
PRE_DRV_L pin=140, data=1/2, code=1375, volt=-0.9196
PRE_DRV_H pin=140, data=2/2, code=4375, volt= 5.0831
PRE_DRV_L pin=140, data=2/2, code=2875, volt= 2.0873
PRE_DRV_H pin=141, data=1/2, code=2875, volt= 2.0676
PRE_DRV_L pin=141, data=1/2, code=1375, volt=-0.9211
PRE_DRV_H pin=141, data=2/2, code=4375, volt= 5.0813
PRE_DRV_L pin=141, data=2/2, code=2875, volt= 2.0911
PRE_DRV_H pin=142, data=1/2, code=2875, volt= 2.0664
PRE_DRV_L pin=142, data=1/2, code=1375, volt=-0.9665
PRE_DRV_H pin=142, data=2/2, code=4375, volt= 5.0787
PRE_DRV_L pin=142, data=2/2, code=2875, volt= 2.0437
PRE_DRV_H pin=143, data=1/2, code=2875, volt= 2.1004
PRE_DRV_L pin=143, data=1/2, code=1375, volt=-0.9222
PRE_DRV_H pin=143, data=2/2, code=4375, volt= 5.1117
PRE_DRV_L pin=143, data=2/2, code=2875, volt= 2.0869
PRE_DRV_H pin=144, data=1/2, code=2875, volt= 2.0700
PRE_DRV_L pin=144, data=1/2, code=1375, volt=-0.9207
PRE_DRV_H pin=144, data=2/2, code=4375, volt= 5.0817
PRE_DRV_L pin=144, data=2/2, code=2875, volt= 2.0902
PRE_DRV_H pin=145, data=1/2, code=2875, volt= 2.0844
PRE_DRV_L pin=145, data=1/2, code=1375, volt=-0.9513
PRE_DRV_H pin=145, data=2/2, code=4375, volt= 5.0863
PRE_DRV_L pin=145, data=2/2, code=2875, volt= 2.0469
PRE_DRV_H pin=146, data=1/2, code=2875, volt= 2.0843
PRE_DRV_L pin=146, data=1/2, code=1375, volt=-0.9235
PRE_DRV_H pin=146, data=2/2, code=4375, volt= 5.1004
PRE_DRV_L pin=146, data=2/2, code=2875, volt= 2.0851

PRE_DRV_H pin=147, data=1/2, code=2875, volt= 2.0863
PRE_DRV_L pin=147, data=1/2, code=1375, volt=-0.9841
PRE_DRV_H pin=147, data=2/2, code=4375, volt= 5.0933
PRE_DRV_L pin=147, data=2/2, code=2875, volt= 2.0194
PRE_DRV_H pin=148, data=1/2, code=2875, volt= 2.0931
PRE_DRV_L pin=148, data=1/2, code=1375, volt=-0.9069
PRE_DRV_H pin=148, data=2/2, code=4375, volt= 5.0980
PRE_DRV_L pin=148, data=2/2, code=2875, volt= 2.1024
PRE_DRV_H pin=149, data=1/2, code=2875, volt= 2.0829
PRE_DRV_L pin=149, data=1/2, code=1375, volt=-0.9570
PRE_DRV_H pin=149, data=2/2, code=4375, volt= 5.0936
PRE_DRV_L pin=149, data=2/2, code=2875, volt= 2.0497
PRE_DRV_H pin=150, data=1/2, code=2875, volt= 2.0718
PRE_DRV_L pin=150, data=1/2, code=1375, volt=-0.9272
PRE_DRV_H pin=150, data=2/2, code=4375, volt= 5.0811
PRE_DRV_L pin=150, data=2/2, code=2875, volt= 2.0810
PRE_DRV_H pin=151, data=1/2, code=2875, volt= 2.0658
PRE_DRV_L pin=151, data=1/2, code=1375, volt=-0.9313
PRE_DRV_H pin=151, data=2/2, code=4375, volt= 5.0749
PRE_DRV_L pin=151, data=2/2, code=2875, volt= 2.0793
PRE_DRV_H pin=152, data=1/2, code=2875, volt= 2.0892
PRE_DRV_L pin=152, data=1/2, code=1375, volt=-0.9389
PRE_DRV_H pin=152, data=2/2, code=4375, volt= 5.0945
PRE_DRV_L pin=152, data=2/2, code=2875, volt= 2.0673
PRE_DRV_H pin=153, data=1/2, code=2875, volt= 2.0056
PRE_DRV_L pin=153, data=1/2, code=1375, volt=-0.9709
PRE_DRV_H pin=153, data=2/2, code=4375, volt= 5.0021
PRE_DRV_L pin=153, data=2/2, code=2875, volt= 2.0236
PRE_DRV_H pin=154, data=1/2, code=2875, volt= 2.0387
PRE_DRV_L pin=154, data=1/2, code=1375, volt=-0.9885
PRE_DRV_H pin=154, data=2/2, code=4375, volt= 5.0371
PRE_DRV_L pin=154, data=2/2, code=2875, volt= 2.0064
PRE_DRV_H pin=155, data=1/2, code=2875, volt= 2.0508
PRE_DRV_L pin=155, data=1/2, code=1375, volt=-0.9786
PRE_DRV_H pin=155, data=2/2, code=4375, volt= 5.0450
PRE_DRV_L pin=155, data=2/2, code=2875, volt= 2.0110

PRE_DRV_H pin=156, data=1/2, code=2875, volt= 2.0341
PRE_DRV_L pin=156, data=1/2, code=1375, volt=-0.9491
PRE_DRV_H pin=156, data=2/2, code=4375, volt= 5.0346
PRE_DRV_L pin=156, data=2/2, code=2875, volt= 2.0505
PRE_DRV_H pin=157, data=1/2, code=2875, volt= 2.0426
PRE_DRV_L pin=157, data=1/2, code=1375, volt=-0.9836
PRE_DRV_H pin=157, data=2/2, code=4375, volt= 5.0446
PRE_DRV_L pin=157, data=2/2, code=2875, volt= 2.0165
PRE_DRV_H pin=158, data=1/2, code=2875, volt= 2.0620
PRE_DRV_L pin=158, data=1/2, code=1375, volt=-0.9824
PRE_DRV_H pin=158, data=2/2, code=4375, volt= 5.0642
PRE_DRV_L pin=158, data=2/2, code=2875, volt= 2.0208
PRE_DRV_H pin=159, data=1/2, code=2875, volt= 2.0194
PRE_DRV_L pin=159, data=1/2, code=1375, volt=-1.0001
PRE_DRV_H pin=159, data=2/2, code=4375, volt= 5.0149
PRE_DRV_L pin=159, data=2/2, code=2875, volt= 1.9968
PRE_DRV_H pin=160, data=1/2, code=2875, volt= 2.0506
PRE_DRV_L pin=160, data=1/2, code=1375, volt=-0.9317
PRE_DRV_H pin=160, data=2/2, code=4375, volt= 5.0502
PRE_DRV_L pin=160, data=2/2, code=2875, volt= 2.0646
PRE_DRV_H pin=161, data=1/2, code=2875, volt= 2.0718
PRE_DRV_L pin=161, data=1/2, code=1375, volt=-0.9674
PRE_DRV_H pin=161, data=2/2, code=4375, volt= 5.0811
PRE_DRV_L pin=161, data=2/2, code=2875, volt= 2.0423
PRE_DRV_H pin=162, data=1/2, code=2875, volt= 2.0514
PRE_DRV_L pin=162, data=1/2, code=1375, volt=-0.9669
PRE_DRV_H pin=162, data=2/2, code=4375, volt= 5.0452
PRE_DRV_L pin=162, data=2/2, code=2875, volt= 2.0241
PRE_DRV_H pin=163, data=1/2, code=2875, volt= 2.0816
PRE_DRV_L pin=163, data=1/2, code=1375, volt=-0.9667
PRE_DRV_H pin=163, data=2/2, code=4375, volt= 5.0867
PRE_DRV_L pin=163, data=2/2, code=2875, volt= 2.0365
PRE_DRV_H pin=164, data=1/2, code=2875, volt= 2.1041
PRE_DRV_L pin=164, data=1/2, code=1375, volt=-0.9830
PRE_DRV_H pin=164, data=2/2, code=4375, volt= 5.1020
PRE_DRV_L pin=164, data=2/2, code=2875, volt= 2.0167

PRE_DRV_H pin=165, data=1/2, code=2875, volt= 2.0214
PRE_DRV_L pin=165, data=1/2, code=1375, volt=-0.9555
PRE_DRV_H pin=165, data=2/2, code=4375, volt= 5.0192
PRE_DRV_L pin=165, data=2/2, code=2875, volt= 2.0434
PRE_DRV_H pin=166, data=1/2, code=2875, volt= 2.0468
PRE_DRV_L pin=166, data=1/2, code=1375, volt=-0.9944
PRE_DRV_H pin=166, data=2/2, code=4375, volt= 5.0438
PRE_DRV_L pin=166, data=2/2, code=2875, volt= 1.9997
PRE_DRV_H pin=167, data=1/2, code=2875, volt= 2.0441
PRE_DRV_L pin=167, data=1/2, code=1375, volt=-0.9810
PRE_DRV_H pin=167, data=2/2, code=4375, volt= 5.0366
PRE_DRV_L pin=167, data=2/2, code=2875, volt= 2.0125
PRE_DRV_H pin=168, data=1/2, code=2875, volt= 2.0091
PRE_DRV_L pin=168, data=1/2, code=1375, volt=-0.9707
PRE_DRV_H pin=168, data=2/2, code=4375, volt= 5.0055
PRE_DRV_L pin=168, data=2/2, code=2875, volt= 2.0243
PRE_DRV_H pin=169, data=1/2, code=2875, volt= 2.0642
PRE_DRV_L pin=169, data=1/2, code=1375, volt=-0.9493
PRE_DRV_H pin=169, data=2/2, code=4375, volt= 5.0677
PRE_DRV_L pin=169, data=2/2, code=2875, volt= 2.0521
PRE_DRV_H pin=170, data=1/2, code=2875, volt= 2.1149
PRE_DRV_L pin=170, data=1/2, code=1375, volt=-0.9169
PRE_DRV_H pin=170, data=2/2, code=4375, volt= 5.1306
PRE_DRV_L pin=170, data=2/2, code=2875, volt= 2.0962
PRE_DRV_H pin=171, data=1/2, code=2875, volt= 1.9945
PRE_DRV_L pin=171, data=1/2, code=1375, volt=-0.9233
PRE_DRV_H pin=171, data=2/2, code=4375, volt= 4.9462
PRE_DRV_L pin=171, data=2/2, code=2875, volt= 2.0347
F PRE_DRV_H pin=172, data=1/2, code=2875, volt=-1.0404, Llim= 1.3280, Ulim= 3.1820
F PRE_DRV_L pin=172, data=1/2, code=1375, volt=-128.0000, Llim=-1.4860, Ulim=-0.0130
F PRE_DRV_H pin=172, data=2/2, code=4375, volt=-0.0874, Llim= 4.1420, Ulim= 6.3770
F PRE_DRV_L pin=172, data=2/2, code=2875, volt=-128.0000, Llim= 1.3280, Ulim= 3.1820
F PRE_DRV_H pin=173, data=1/2, code=2875, volt=-1.1247, Llim= 1.3280, Ulim= 3.1820
F PRE_DRV_L pin=173, data=1/2, code=1375, volt=-128.0000, Llim=-1.4860, Ulim=-0.0130
F PRE_DRV_H pin=173, data=2/2, code=4375, volt=-0.1089, Llim= 4.1420, Ulim= 6.3770
F PRE_DRV_L pin=173, data=2/2, code=2875, volt=-128.0000, Llim= 1.3280, Ulim= 3.1820

PRE_DRV_H pin=174, data=1/2, code=2875, volt= 2.0120
PRE_DRV_L pin=174, data=1/2, code=1375, volt=-0.9658
PRE_DRV_H pin=174, data=2/2, code=4375, volt= 4.9647
PRE_DRV_L pin=174, data=2/2, code=2875, volt= 1.9882
PRE_DRV_H pin=175, data=1/2, code=2875, volt= 2.0736
PRE_DRV_L pin=175, data=1/2, code=1375, volt=-0.9615
PRE_DRV_H pin=175, data=2/2, code=4375, volt= 5.0774
PRE_DRV_L pin=175, data=2/2, code=2875, volt= 2.0414
PRE_DRV_H pin=176, data=1/2, code=2875, volt= 2.0419
PRE_DRV_L pin=176, data=1/2, code=1375, volt=-0.9817
PRE_DRV_H pin=176, data=2/2, code=4375, volt= 5.0424
PRE_DRV_L pin=176, data=2/2, code=2875, volt= 2.0206
PRE_DRV_H pin=177, data=1/2, code=2875, volt= 2.1100
PRE_DRV_L pin=177, data=1/2, code=1375, volt=-0.9209
PRE_DRV_H pin=177, data=2/2, code=4375, volt= 5.1051
PRE_DRV_L pin=177, data=2/2, code=2875, volt= 2.0772
F PRE_DRV_H pin=178, data=1/2, code=2875, volt=-128.0000, Llim= 1.3280, Ulim= 3.1820
PRE_DRV_L pin=178, data=1/2, code=1375, volt=-0.9597
F PRE_DRV_H pin=178, data=2/2, code=4375, volt=-1.8847, Llim= 4.1420, Ulim= 6.3770
PRE_DRV_L pin=178, data=2/2, code=2875, volt= 2.0438
PRE_DRV_H pin=179, data=1/2, code=2875, volt= 2.0673
PRE_DRV_L pin=179, data=1/2, code=1375, volt=-0.9514
PRE_DRV_H pin=179, data=2/2, code=4375, volt= 5.0621
PRE_DRV_L pin=179, data=2/2, code=2875, volt= 2.0396
PRE_DRV_H pin=180, data=1/2, code=2875, volt= 2.0399
PRE_DRV_L pin=180, data=1/2, code=1375, volt=-0.9771
PRE_DRV_H pin=180, data=2/2, code=4375, volt= 5.0385
PRE_DRV_L pin=180, data=2/2, code=2875, volt= 2.0202
PRE_DRV_H pin=181, data=1/2, code=2875, volt= 2.0336
PRE_DRV_L pin=181, data=1/2, code=1375, volt=-0.9219
PRE_DRV_H pin=181, data=2/2, code=4375, volt= 5.0328
PRE_DRV_L pin=181, data=2/2, code=2875, volt= 2.0756
PRE_DRV_H pin=182, data=1/2, code=2875, volt= 2.1290
PRE_DRV_L pin=182, data=1/2, code=1375, volt=-0.9346
PRE_DRV_H pin=182, data=2/2, code=4375, volt= 5.1483
PRE_DRV_L pin=182, data=2/2, code=2875, volt= 2.0846

PRE_DRV_H pin=183, data=1/2, code=2875, volt= 2.0667
PRE_DRV_L pin=183, data=1/2, code=1375, volt=-0.9447
PRE_DRV_H pin=183, data=2/2, code=4375, volt= 5.0699
PRE_DRV_L pin=183, data=2/2, code=2875, volt= 2.0530
PRE_DRV_H pin=184, data=1/2, code=2875, volt= 2.0581
PRE_DRV_L pin=184, data=1/2, code=1375, volt=-0.9688
PRE_DRV_H pin=184, data=2/2, code=4375, volt= 5.0689
PRE_DRV_L pin=184, data=2/2, code=2875, volt= 2.0376
DRV pin= 1, data= 1/17, code(H/L)= 831/ 621, volt(H/L)=-1.9948/-2.4991
DRV pin= 1, data= 2/17, code(H/L)=1578/ 621, volt(H/L)=-0.4989/-2.4983
DRV pin= 1, data= 3/17, code(H/L)=2077/ 621, volt(H/L)= 0.4999/-2.4983
DRV pin= 1, data= 4/17, code(H/L)=2575/ 621, volt(H/L)= 1.4995/-2.4983
DRV pin= 1, data= 5/17, code(H/L)=3571/ 621, volt(H/L)= 3.4974/-2.4978
DRV pin= 1, data= 6/17, code(H/L)=4568/ 621, volt(H/L)= 5.4970/-2.4973
DRV pin= 1, data= 7/17, code(H/L)=2077/1868, volt(H/L)= 0.5017/-0.0031
DRV pin= 1, data= 8/17, code(H/L)=2824/1868, volt(H/L)= 2.0004/-0.0028
DRV pin= 1, data= 9/17, code(H/L)=3322/1868, volt(H/L)= 3.0000/-0.0025
DRV pin= 1, data=10/17, code(H/L)=3820/1868, volt(H/L)= 3.9986/-0.0023
DRV pin= 1, data=11/17, code(H/L)=4817/1868, volt(H/L)= 5.9980/-0.0020
DRV pin= 1, data=12/17, code(H/L)=5813/1868, volt(H/L)= 7.9953/-0.0020
DRV pin= 1, data=13/17, code(H/L)=3571/3365, volt(H/L)= 3.5007/ 2.9990
DRV pin= 1, data=14/17, code(H/L)=4318/3365, volt(H/L)= 4.9992/ 2.9990
DRV pin= 1, data=15/17, code(H/L)=4817/3365, volt(H/L)= 5.9997/ 2.9992
DRV pin= 1, data=16/17, code(H/L)=5315/3365, volt(H/L)= 6.9993/ 2.9995
DRV pin= 1, data=17/17, code(H/L)=5813/2866, volt(H/L)= 7.9971/ 1.9994
DRV pin= 2, data= 1/17, code(H/L)= 861/ 602, volt(H/L)=-1.9953/-2.5007
DRV pin= 2, data= 2/17, code(H/L)=1611/ 602, volt(H/L)=-0.4981/-2.5002
DRV pin= 2, data= 3/17, code(H/L)=2111/ 602, volt(H/L)= 0.4984/-2.5002
DRV pin= 2, data= 4/17, code(H/L)=2611/ 602, volt(H/L)= 1.4982/-2.4999
DRV pin= 2, data= 5/17, code(H/L)=3611/ 602, volt(H/L)= 3.4958/-2.4994
DRV pin= 2, data= 6/17, code(H/L)=4612/ 602, volt(H/L)= 5.4968/-2.4992
DRV pin= 2, data= 7/17, code(H/L)=2111/1854, volt(H/L)= 0.4999/-0.0018
DRV pin= 2, data= 8/17, code(H/L)=2861/1854, volt(H/L)= 1.9992/-0.0015
DRV pin= 2, data= 9/17, code(H/L)=3361/1854, volt(H/L)= 2.9982/-0.0013
DRV pin= 2, data=10/17, code(H/L)=3862/1854, volt(H/L)= 3.9992/-0.0010
DRV pin= 2, data=11/17, code(H/L)=4862/1854, volt(H/L)= 5.9982/-0.0008

DRV pin= 2, data=12/17, code(H/L)=5862/1854, volt(H/L)= 7.9962/-0.0003
DRV pin= 2, data=13/17, code(H/L)=3611/3356, volt(H/L)= 3.4989/ 2.9992
DRV pin= 2, data=14/17, code(H/L)=4362/3356, volt(H/L)= 5.0005/ 2.9995
DRV pin= 2, data=15/17, code(H/L)=4862/3356, volt(H/L)= 6.0000/ 2.9997
DRV pin= 2, data=16/17, code(H/L)=5362/3356, volt(H/L)= 6.9997/ 3.0000
DRV pin= 2, data=17/17, code(H/L)=5862/2855, volt(H/L)= 7.9975/ 1.9999
DRV pin= 3, data= 1/17, code(H/L)= 846/ 605, volt(H/L)=-1.9931/-2.4998
DRV pin= 3, data= 2/17, code(H/L)=1596/ 605, volt(H/L)=-0.4966/-2.4993
DRV pin= 3, data= 3/17, code(H/L)=2096/ 605, volt(H/L)= 0.5014/-2.4991
DRV pin= 3, data= 4/17, code(H/L)=2595/ 605, volt(H/L)= 1.4985/-2.4991
DRV pin= 3, data= 5/17, code(H/L)=3595/ 605, volt(H/L)= 3.4967/-2.4983
DRV pin= 3, data= 6/17, code(H/L)=4595/ 605, volt(H/L)= 5.4962/-2.4978
DRV pin= 3, data= 7/17, code(H/L)=2096/1857, volt(H/L)= 0.5031/-0.0023
DRV pin= 3, data= 8/17, code(H/L)=2845/1857, volt(H/L)= 1.9998/-0.0023
DRV pin= 3, data= 9/17, code(H/L)=3345/1857, volt(H/L)= 2.9990/-0.0020
DRV pin= 3, data=10/17, code(H/L)=3845/1857, volt(H/L)= 3.9982/-0.0018
DRV pin= 3, data=11/17, code(H/L)=4845/1857, volt(H/L)= 5.9967/-0.0010
DRV pin= 3, data=12/17, code(H/L)=5844/1857, volt(H/L)= 7.9944/-0.0005
DRV pin= 3, data=13/17, code(H/L)=3595/3360, volt(H/L)= 3.5003/ 2.9992
DRV pin= 3, data=14/17, code(H/L)=4345/3360, volt(H/L)= 4.9997/ 2.9995
DRV pin= 3, data=15/17, code(H/L)=4845/3360, volt(H/L)= 5.9987/ 2.9997
DRV pin= 3, data=16/17, code(H/L)=5345/3360, volt(H/L)= 6.9990/ 3.0000
DRV pin= 3, data=17/17, code(H/L)=5844/2859, volt(H/L)= 7.9957/ 1.9993
DRV pin= 4, data= 1/17, code(H/L)= 847/ 602, volt(H/L)=-1.9924/-2.4990
DRV pin= 4, data= 2/17, code(H/L)=1595/ 602, volt(H/L)=-0.4980/-2.4985
DRV pin= 4, data= 3/17, code(H/L)=2094/ 602, volt(H/L)= 0.4992/-2.4977
DRV pin= 4, data= 4/17, code(H/L)=2593/ 602, volt(H/L)= 1.4990/-2.4977
DRV pin= 4, data= 5/17, code(H/L)=3591/ 602, volt(H/L)= 3.4977/-2.4975
DRV pin= 4, data= 6/17, code(H/L)=4589/ 602, volt(H/L)= 5.4954/-2.4970
DRV pin= 4, data= 7/17, code(H/L)=2094/1850, volt(H/L)= 0.5003/-0.0038
DRV pin= 4, data= 8/17, code(H/L)=2843/1850, volt(H/L)= 2.0018/-0.0036
DRV pin= 4, data= 9/17, code(H/L)=3342/1850, volt(H/L)= 3.0010/-0.0036
DRV pin= 4, data=10/17, code(H/L)=3841/1850, volt(H/L)= 4.0000/-0.0030
DRV pin= 4, data=11/17, code(H/L)=4839/1850, volt(H/L)= 5.9980/-0.0025
DRV pin= 4, data=12/17, code(H/L)=5836/1850, volt(H/L)= 7.9957/-0.0013
DRV pin= 4, data=13/17, code(H/L)=3591/3349, volt(H/L)= 3.5010/ 3.0013

DRV pin= 4, data=14/17, code(H/L)=4340/3349, volt(H/L)= 5.0000/ 3.0015
DRV pin= 4, data=15/17, code(H/L)=4839/3349, volt(H/L)= 5.9997/ 3.0018
DRV pin= 4, data=16/17, code(H/L)=5337/3349, volt(H/L)= 6.9985/ 3.0020
DRV pin= 4, data=17/17, code(H/L)=5836/2849, volt(H/L)= 7.9972/ 2.0005
DRV pin= 5, data= 1/17, code(H/L)= 859/ 605, volt(H/L)=-1.9929/-2.4985
DRV pin= 5, data= 2/17, code(H/L)=1607/ 605, volt(H/L)=-0.4959/-2.4980
DRV pin= 5, data= 3/17, code(H/L)=2105/ 605, volt(H/L)= 0.4993/-2.4980
DRV pin= 5, data= 4/17, code(H/L)=2604/ 605, volt(H/L)= 1.5003/-2.4975
DRV pin= 5, data= 5/17, code(H/L)=3601/ 605, volt(H/L)= 3.4964/-2.4970
DRV pin= 5, data= 6/17, code(H/L)=4599/ 605, volt(H/L)= 5.4965/-2.4962
DRV pin= 5, data= 7/17, code(H/L)=2105/1852, volt(H/L)= 0.5006/-0.0023
DRV pin= 5, data= 8/17, code(H/L)=2853/1852, volt(H/L)= 2.0001/-0.0020
DRV pin= 5, data= 9/17, code(H/L)=3352/1852, volt(H/L)= 2.9990/-0.0018
DRV pin= 5, data=10/17, code(H/L)=3851/1852, volt(H/L)= 3.9997/-0.0015
DRV pin= 5, data=11/17, code(H/L)=4848/1852, volt(H/L)= 5.9975/-0.0008
DRV pin= 5, data=12/17, code(H/L)=5845/1852, volt(H/L)= 7.9947/-0.0000
DRV pin= 5, data=13/17, code(H/L)=3601/3350, volt(H/L)= 3.5000/ 2.9980
DRV pin= 5, data=14/17, code(H/L)=4349/3350, volt(H/L)= 4.9996/ 2.9985
DRV pin= 5, data=15/17, code(H/L)=4848/3350, volt(H/L)= 5.9992/ 2.9987
DRV pin= 5, data=16/17, code(H/L)=5347/3350, volt(H/L)= 7.0004/ 2.9990
DRV pin= 5, data=17/17, code(H/L)=5845/2851, volt(H/L)= 7.9958/ 1.9998
DRV pin= 6, data= 1/17, code(H/L)= 834/ 605, volt(H/L)=-1.9953/-2.4986
DRV pin= 6, data= 2/17, code(H/L)=1583/ 605, volt(H/L)=-0.4993/-2.4979
DRV pin= 6, data= 3/17, code(H/L)=2083/ 605, volt(H/L)= 0.4985/-2.4979
DRV pin= 6, data= 4/17, code(H/L)=2583/ 605, volt(H/L)= 1.4994/-2.4976
DRV pin= 6, data= 5/17, code(H/L)=3582/ 605, volt(H/L)= 3.4985/-2.4969
DRV pin= 6, data= 6/17, code(H/L)=4581/ 605, volt(H/L)= 5.4962/-2.4966
DRV pin= 6, data= 7/17, code(H/L)=2083/1853, volt(H/L)= 0.4993/-0.0023
DRV pin= 6, data= 8/17, code(H/L)=2832/1853, volt(H/L)= 1.9989/-0.0018
DRV pin= 6, data= 9/17, code(H/L)=3332/1853, volt(H/L)= 2.9995/-0.0015
DRV pin= 6, data=10/17, code(H/L)=3832/1853, volt(H/L)= 4.0003/-0.0013
DRV pin= 6, data=11/17, code(H/L)=4831/1853, volt(H/L)= 5.9982/-0.0005
DRV pin= 6, data=12/17, code(H/L)=5830/1853, volt(H/L)= 7.9948/-0.0000
DRV pin= 6, data=13/17, code(H/L)=3582/3351, volt(H/L)= 3.5018/ 2.9982
DRV pin= 6, data=14/17, code(H/L)=4331/3351, volt(H/L)= 4.9997/ 2.9987
DRV pin= 6, data=15/17, code(H/L)=4831/3351, volt(H/L)= 6.0003/ 2.9990

DRV pin= 6, data=16/17, code(H/L)=5331/3351, volt(H/L)= 7.0006/ 2.9992
DRV pin= 6, data=17/17, code(H/L)=5830/2852, volt(H/L)= 7.9971/ 2.0002
DRV pin= 7, data= 1/17, code(H/L)= 851/ 589, volt(H/L)=-1.9920/-2.4983
DRV pin= 7, data= 2/17, code(H/L)=1599/ 589, volt(H/L)=-0.4971/-2.4978
DRV pin= 7, data= 3/17, code(H/L)=2097/ 589, volt(H/L)= 0.4992/-2.4975
DRV pin= 7, data= 4/17, code(H/L)=2596/ 589, volt(H/L)= 1.4990/-2.4975
DRV pin= 7, data= 5/17, code(H/L)=3594/ 589, volt(H/L)= 3.4984/-2.4970
DRV pin= 7, data= 6/17, code(H/L)=4591/ 589, volt(H/L)= 5.4960/-2.4963
DRV pin= 7, data= 7/17, code(H/L)=2097/1836, volt(H/L)= 0.5010/-0.0028
DRV pin= 7, data= 8/17, code(H/L)=2845/1836, volt(H/L)= 1.9990/-0.0025
DRV pin= 7, data= 9/17, code(H/L)=3344/1836, volt(H/L)= 2.9990/-0.0023
DRV pin= 7, data=10/17, code(H/L)=3843/1836, volt(H/L)= 3.9994/-0.0020
DRV pin= 7, data=11/17, code(H/L)=4840/1836, volt(H/L)= 5.9970/-0.0015
DRV pin= 7, data=12/17, code(H/L)=5838/1836, volt(H/L)= 7.9955/-0.0010
DRV pin= 7, data=13/17, code(H/L)=3594/3334, volt(H/L)= 3.5020/ 3.0005
DRV pin= 7, data=14/17, code(H/L)=4342/3334, volt(H/L)= 5.0014/ 3.0010
DRV pin= 7, data=15/17, code(H/L)=4840/3334, volt(H/L)= 5.9992/ 3.0013
DRV pin= 7, data=16/17, code(H/L)=5339/3334, volt(H/L)= 6.9986/ 3.0013
DRV pin= 7, data=17/17, code(H/L)=5838/2835, volt(H/L)= 7.9968/ 2.0010
DRV pin= 8, data= 1/17, code(H/L)= 844/ 603, volt(H/L)=-1.9970/-2.4981
DRV pin= 8, data= 2/17, code(H/L)=1594/ 603, volt(H/L)=-0.4991/-2.4974
DRV pin= 8, data= 3/17, code(H/L)=2093/ 603, volt(H/L)= 0.4981/-2.4969
DRV pin= 8, data= 4/17, code(H/L)=2593/ 603, volt(H/L)= 1.4990/-2.4969
DRV pin= 8, data= 5/17, code(H/L)=3592/ 603, volt(H/L)= 3.4971/-2.4964
DRV pin= 8, data= 6/17, code(H/L)=4591/ 603, volt(H/L)= 5.4966/-2.4961
DRV pin= 8, data= 7/17, code(H/L)=2093/1852, volt(H/L)= 0.4997/ 0.0000
DRV pin= 8, data= 8/17, code(H/L)=2843/1852, volt(H/L)= 2.0004/ 0.0003
DRV pin= 8, data= 9/17, code(H/L)=3342/1852, volt(H/L)= 2.9985/ 0.0003
DRV pin= 8, data=10/17, code(H/L)=3842/1852, volt(H/L)= 3.9992/ 0.0005
DRV pin= 8, data=11/17, code(H/L)=4841/1852, volt(H/L)= 5.9987/ 0.0010
DRV pin= 8, data=12/17, code(H/L)=5840/1852, volt(H/L)= 7.9970/ 0.0015
DRV pin= 8, data=13/17, code(H/L)=3592/3350, volt(H/L)= 3.5006/ 2.9975
DRV pin= 8, data=14/17, code(H/L)=4341/3350, volt(H/L)= 4.9995/ 2.9977
DRV pin= 8, data=15/17, code(H/L)=4841/3350, volt(H/L)= 6.0008/ 2.9977
DRV pin= 8, data=16/17, code(H/L)=5341/3350, volt(H/L)= 7.0003/ 2.9982
DRV pin= 8, data=17/17, code(H/L)=5840/2850, volt(H/L)= 7.9977/ 1.9992

DRV pin= 9, data= 1/17, code(H/L)= 833/ 617, volt(H/L)=-1.9962/-2.5023
DRV pin= 9, data= 2/17, code(H/L)=1581/ 617, volt(H/L)=-0.4974/-2.5020
DRV pin= 9, data= 3/17, code(H/L)=2079/ 617, volt(H/L)= 0.4997/-2.5018
DRV pin= 9, data= 4/17, code(H/L)=2577/ 617, volt(H/L)= 1.4987/-2.5013
DRV pin= 9, data= 5/17, code(H/L)=3574/ 617, volt(H/L)= 3.4990/-2.5010
DRV pin= 9, data= 6/17, code(H/L)=4570/ 617, volt(H/L)= 5.4974/-2.5003
DRV pin= 9, data= 7/17, code(H/L)=2079/1864, volt(H/L)= 0.5012/-0.0015
DRV pin= 9, data= 8/17, code(H/L)=2826/1864, volt(H/L)= 1.9999/-0.0013
DRV pin= 9, data= 9/17, code(H/L)=3324/1864, volt(H/L)= 2.9992/-0.0013
DRV pin= 9, data=10/17, code(H/L)=3823/1864, volt(H/L)= 4.0003/-0.0008
DRV pin= 9, data=11/17, code(H/L)=4819/1864, volt(H/L)= 5.9980/-0.0003
DRV pin= 9, data=12/17, code(H/L)=5816/1864, volt(H/L)= 7.9990/ 0.0008
DRV pin= 9, data=13/17, code(H/L)=3574/3360, volt(H/L)= 3.5023/ 2.9990
DRV pin= 9, data=14/17, code(H/L)=4321/3360, volt(H/L)= 5.0008/ 2.9995
DRV pin= 9, data=15/17, code(H/L)=4819/3360, volt(H/L)= 6.0000/ 2.9997
DRV pin= 9, data=16/17, code(H/L)=5317/3360, volt(H/L)= 6.9992/ 2.9997
DRV pin= 9, data=17/17, code(H/L)=5816/2861, volt(H/L)= 8.0005/ 1.9991
DRV pin= 10, data= 1/17, code(H/L)= 856/ 609, volt(H/L)=-1.9967/-2.4992
DRV pin= 10, data= 2/17, code(H/L)=1606/ 609, volt(H/L)=-0.4977/-2.4987
DRV pin= 10, data= 3/17, code(H/L)=2105/ 609, volt(H/L)= 0.4991/-2.4985
DRV pin= 10, data= 4/17, code(H/L)=2604/ 609, volt(H/L)= 1.4985/-2.4985
DRV pin= 10, data= 5/17, code(H/L)=3603/ 609, volt(H/L)= 3.4972/-2.4980
DRV pin= 10, data= 6/17, code(H/L)=4602/ 609, volt(H/L)= 5.4972/-2.4974
DRV pin= 10, data= 7/17, code(H/L)=2105/1857, volt(H/L)= 0.5004/-0.0026
DRV pin= 10, data= 8/17, code(H/L)=2854/1857, volt(H/L)= 1.9999/-0.0020
DRV pin= 10, data= 9/17, code(H/L)=3353/1857, volt(H/L)= 2.9985/-0.0018
DRV pin= 10, data=10/17, code(H/L)=3853/1857, volt(H/L)= 3.9987/-0.0020
DRV pin= 10, data=11/17, code(H/L)=4852/1857, volt(H/L)= 5.9992/-0.0013
DRV pin= 10, data=12/17, code(H/L)=5850/1857, volt(H/L)= 7.9959/-0.0005
DRV pin= 10, data=13/17, code(H/L)=3603/3355, volt(H/L)= 3.5005/ 2.9977
DRV pin= 10, data=14/17, code(H/L)=4352/3355, volt(H/L)= 4.9995/ 2.9985
DRV pin= 10, data=15/17, code(H/L)=4852/3355, volt(H/L)= 6.0015/ 2.9985
DRV pin= 10, data=16/17, code(H/L)=5351/3355, volt(H/L)= 7.0000/ 2.9987
DRV pin= 10, data=17/17, code(H/L)=5850/2856, volt(H/L)= 7.9977/ 2.0007
DRV pin= 11, data= 1/17, code(H/L)= 817/ 583, volt(H/L)=-1.9963/-2.5009
DRV pin= 11, data= 2/17, code(H/L)=1565/ 583, volt(H/L)=-0.4989/-2.5006

DRV pin= 11, data= 3/17, code(H/L)=2064/ 583, volt(H/L)= 0.4996/-2.5006
DRV pin= 11, data= 4/17, code(H/L)=2562/ 583, volt(H/L)= 1.4977/-2.5003
DRV pin= 11, data= 5/17, code(H/L)=3560/ 583, volt(H/L)= 3.4980/-2.4998
DRV pin= 11, data= 6/17, code(H/L)=4557/ 583, volt(H/L)= 5.4956/-2.4993
DRV pin= 11, data= 7/17, code(H/L)=2064/1829, volt(H/L)= 0.5014/-0.0036
DRV pin= 11, data= 8/17, code(H/L)=2812/1829, volt(H/L)= 2.0019/-0.0028
DRV pin= 11, data= 9/17, code(H/L)=3310/1829, volt(H/L)= 2.9987/-0.0028
DRV pin= 11, data=10/17, code(H/L)=3809/1829, volt(H/L)= 3.9986/-0.0023
DRV pin= 11, data=11/17, code(H/L)=4807/1829, volt(H/L)= 5.9985/-0.0018
DRV pin= 11, data=12/17, code(H/L)=5804/1829, volt(H/L)= 7.9980/-0.0010
DRV pin= 11, data=13/17, code(H/L)=3560/3325, volt(H/L)= 3.5014/ 3.0008
DRV pin= 11, data=14/17, code(H/L)=4308/3325, volt(H/L)= 5.0009/ 3.0013
DRV pin= 11, data=15/17, code(H/L)=4807/3325, volt(H/L)= 6.0005/ 3.0018
DRV pin= 11, data=16/17, code(H/L)=5305/3325, volt(H/L)= 6.9994/ 3.0020
DRV pin= 11, data=17/17, code(H/L)=5804/2826, volt(H/L)= 7.9993/ 1.9998
DRV pin= 12, data= 1/17, code(H/L)= 834/ 575, volt(H/L)=-1.9965/-2.5014
DRV pin= 12, data= 2/17, code(H/L)=1583/ 575, volt(H/L)=-0.4983/-2.5009
DRV pin= 12, data= 3/17, code(H/L)=2082/ 575, volt(H/L)= 0.4988/-2.5004
DRV pin= 12, data= 4/17, code(H/L)=2581/ 575, volt(H/L)= 1.4989/-2.5007
DRV pin= 12, data= 5/17, code(H/L)=3579/ 575, volt(H/L)= 3.4979/-2.4997
DRV pin= 12, data= 6/17, code(H/L)=4577/ 575, volt(H/L)= 5.4963/-2.4992
DRV pin= 12, data= 7/17, code(H/L)=2082/1823, volt(H/L)= 0.5005/-0.0025
DRV pin= 12, data= 8/17, code(H/L)=2830/1823, volt(H/L)= 1.9989/-0.0020
DRV pin= 12, data= 9/17, code(H/L)=3329/1823, volt(H/L)= 2.9977/-0.0018
DRV pin= 12, data=10/17, code(H/L)=3828/1823, volt(H/L)= 3.9978/-0.0015
DRV pin= 12, data=11/17, code(H/L)=4826/1823, volt(H/L)= 5.9980/-0.0008
DRV pin= 12, data=12/17, code(H/L)=5824/1823, volt(H/L)= 7.9971/-0.0000
DRV pin= 12, data=13/17, code(H/L)=3579/3321, volt(H/L)= 3.5014/ 2.9992
DRV pin= 12, data=14/17, code(H/L)=4327/3321, volt(H/L)= 4.9989/ 2.9997
DRV pin= 12, data=15/17, code(H/L)=4826/3321, volt(H/L)= 6.0003/ 2.9997
DRV pin= 12, data=16/17, code(H/L)=5325/3321, volt(H/L)= 6.9993/ 3.0000
DRV pin= 12, data=17/17, code(H/L)=5824/2822, volt(H/L)= 7.9984/ 2.0004
DRV pin= 13, data= 1/17, code(H/L)= 859/ 591, volt(H/L)=-1.9961/-2.5024
DRV pin= 13, data= 2/17, code(H/L)=1604/ 591, volt(H/L)=-0.4997/-2.5019
DRV pin= 13, data= 3/17, code(H/L)=2101/ 591, volt(H/L)= 0.4977/-2.5019
DRV pin= 13, data= 4/17, code(H/L)=2599/ 591, volt(H/L)= 1.4987/-2.5014

DRV pin= 13, data= 5/17, code(H/L)=3593/ 591, volt(H/L)= 3.4975/-2.5009
DRV pin= 13, data= 6/17, code(H/L)=4587/ 591, volt(H/L)= 5.4956/-2.5001
DRV pin= 13, data= 7/17, code(H/L)=2101/1834, volt(H/L)= 0.4995/-0.0033
DRV pin= 13, data= 8/17, code(H/L)=2847/1834, volt(H/L)= 1.9992/-0.0028
DRV pin= 13, data= 9/17, code(H/L)=3344/1834, volt(H/L)= 2.9987/-0.0026
DRV pin= 13, data=10/17, code(H/L)=3841/1834, volt(H/L)= 3.9976/-0.0023
DRV pin= 13, data=11/17, code(H/L)=4836/1834, volt(H/L)= 5.9979/-0.0013
DRV pin= 13, data=12/17, code(H/L)=5830/1834, volt(H/L)= 7.9970/-0.0005
DRV pin= 13, data=13/17, code(H/L)=3593/3326, volt(H/L)= 3.5009/ 2.9997
DRV pin= 13, data=14/17, code(H/L)=4339/3326, volt(H/L)= 5.0009/ 3.0005
DRV pin= 13, data=15/17, code(H/L)=4836/3326, volt(H/L)= 5.9997/ 3.0010
DRV pin= 13, data=16/17, code(H/L)=5333/3326, volt(H/L)= 6.9997/ 3.0010
DRV pin= 13, data=17/17, code(H/L)=5830/2829, volt(H/L)= 7.9983/ 2.0008
DRV pin= 14, data= 1/17, code(H/L)= 839/ 596, volt(H/L)=-1.9971/-2.5001
DRV pin= 14, data= 2/17, code(H/L)=1585/ 596, volt(H/L)=-0.4999/-2.4993
DRV pin= 14, data= 3/17, code(H/L)=2083/ 596, volt(H/L)= 0.4988/-2.4991
DRV pin= 14, data= 4/17, code(H/L)=2581/ 596, volt(H/L)= 1.4991/-2.4985
DRV pin= 14, data= 5/17, code(H/L)=3577/ 596, volt(H/L)= 3.4992/-2.4980
DRV pin= 14, data= 6/17, code(H/L)=4572/ 596, volt(H/L)= 5.4965/-2.4973
DRV pin= 14, data= 7/17, code(H/L)=2083/1840, volt(H/L)= 0.5006/-0.0018
DRV pin= 14, data= 8/17, code(H/L)=2830/1840, volt(H/L)= 1.9997/-0.0013
DRV pin= 14, data= 9/17, code(H/L)=3328/1840, volt(H/L)= 3.0000/-0.0013
DRV pin= 14, data=10/17, code(H/L)=3826/1840, volt(H/L)= 4.0009/-0.0010
DRV pin= 14, data=11/17, code(H/L)=4821/1840, volt(H/L)= 5.9985/-0.0003
DRV pin= 14, data=12/17, code(H/L)=5817/1840, volt(H/L)= 7.9993/ 0.0010
DRV pin= 14, data=13/17, code(H/L)=3577/3334, volt(H/L)= 3.5025/ 2.9985
DRV pin= 14, data=14/17, code(H/L)=4323/3334, volt(H/L)= 5.0001/ 2.9990
DRV pin= 14, data=15/17, code(H/L)=4821/3334, volt(H/L)= 6.0005/ 2.9990
DRV pin= 14, data=16/17, code(H/L)=5319/3334, volt(H/L)= 7.0004/ 2.9995
DRV pin= 14, data=17/17, code(H/L)=5817/2836, volt(H/L)= 8.0003/ 2.0002
DRV pin= 15, data= 1/17, code(H/L)= 831/ 607, volt(H/L)=-1.9950/-2.5007
DRV pin= 15, data= 2/17, code(H/L)=1579/ 607, volt(H/L)=-0.4978/-2.5002
DRV pin= 15, data= 3/17, code(H/L)=2077/ 607, volt(H/L)= 0.4994/-2.4999
DRV pin= 15, data= 4/17, code(H/L)=2576/ 607, volt(H/L)= 1.5003/-2.4997
DRV pin= 15, data= 5/17, code(H/L)=3573/ 607, volt(H/L)= 3.4979/-2.4989
DRV pin= 15, data= 6/17, code(H/L)=4570/ 607, volt(H/L)= 5.4962/-2.4984

DRV pin= 15, data= 7/17, code(H/L)=2077/1853, volt(H/L)= 0.5012/-0.0031
DRV pin= 15, data= 8/17, code(H/L)=2825/1853, volt(H/L)= 2.0002/-0.0023
DRV pin= 15, data= 9/17, code(H/L)=3323/1853, volt(H/L)= 2.9982/-0.0023
DRV pin= 15, data=10/17, code(H/L)=3822/1853, volt(H/L)= 3.9981/-0.0018
DRV pin= 15, data=11/17, code(H/L)=4819/1853, volt(H/L)= 5.9969/-0.0013
DRV pin= 15, data=12/17, code(H/L)=5816/1853, volt(H/L)= 7.9963/-0.0005
DRV pin= 15, data=13/17, code(H/L)=3573/3348, volt(H/L)= 3.5012/ 2.9972
DRV pin= 15, data=14/17, code(H/L)=4320/3348, volt(H/L)= 4.9991/ 2.9980
DRV pin= 15, data=15/17, code(H/L)=4819/3348, volt(H/L)= 5.9995/ 2.9980
DRV pin= 15, data=16/17, code(H/L)=5317/3348, volt(H/L)= 6.9979/ 2.9985
DRV pin= 15, data=17/17, code(H/L)=5816/2850, volt(H/L)= 7.9980/ 1.9994
DRV pin= 16, data= 1/17, code(H/L)= 847/ 582, volt(H/L)=-1.9973/-2.5007
DRV pin= 16, data= 2/17, code(H/L)=1596/ 582, volt(H/L)=-0.4993/-2.5002
DRV pin= 16, data= 3/17, code(H/L)=2096/ 582, volt(H/L)= 0.4999/-2.5002
DRV pin= 16, data= 4/17, code(H/L)=2595/ 582, volt(H/L)= 1.4992/-2.4997
DRV pin= 16, data= 5/17, code(H/L)=3593/ 582, volt(H/L)= 3.4957/-2.4991
DRV pin= 16, data= 6/17, code(H/L)=4592/ 582, volt(H/L)= 5.4956/-2.4986
DRV pin= 16, data= 7/17, code(H/L)=2096/1831, volt(H/L)= 0.5014/-0.0015
DRV pin= 16, data= 8/17, code(H/L)=2845/1831, volt(H/L)= 2.0012/-0.0005
DRV pin= 16, data= 9/17, code(H/L)=3344/1831, volt(H/L)= 2.9995/-0.0005
DRV pin= 16, data=10/17, code(H/L)=3843/1831, volt(H/L)= 3.9976/-0.0005
DRV pin= 16, data=11/17, code(H/L)=4842/1831, volt(H/L)= 5.9969/-0.0000
DRV pin= 16, data=12/17, code(H/L)=5840/1831, volt(H/L)= 7.9952/ 0.0015
DRV pin= 16, data=13/17, code(H/L)=3593/3329, volt(H/L)= 3.4993/ 2.9980
DRV pin= 16, data=14/17, code(H/L)=4342/3329, volt(H/L)= 4.9983/ 2.9985
DRV pin= 16, data=15/17, code(H/L)=4842/3329, volt(H/L)= 5.9990/ 2.9990
DRV pin= 16, data=16/17, code(H/L)=5341/3329, volt(H/L)= 6.9981/ 2.9990
DRV pin= 16, data=17/17, code(H/L)=5840/2830, volt(H/L)= 7.9963/ 2.0007
DRV pin= 17, data= 1/17, code(H/L)= 861/ 596, volt(H/L)=-1.9955/-2.5029
DRV pin= 17, data= 2/17, code(H/L)=1607/ 596, volt(H/L)=-0.4997/-2.5024
DRV pin= 17, data= 3/17, code(H/L)=2105/ 596, volt(H/L)= 0.4989/-2.5019
DRV pin= 17, data= 4/17, code(H/L)=2603/ 596, volt(H/L)= 1.4996/-2.5019
DRV pin= 17, data= 5/17, code(H/L)=3598/ 596, volt(H/L)= 3.4979/-2.5011
DRV pin= 17, data= 6/17, code(H/L)=4593/ 596, volt(H/L)= 5.4970/-2.5006
DRV pin= 17, data= 7/17, code(H/L)=2105/1842, volt(H/L)= 0.5005/-0.0033
DRV pin= 17, data= 8/17, code(H/L)=2851/1842, volt(H/L)= 1.9991/-0.0028

DRV pin= 17, data= 9/17, code(H/L)=3349/1842, volt(H/L)= 2.9990/-0.0028
DRV pin= 17, data=10/17, code(H/L)=3847/1842, volt(H/L)= 3.9993/-0.0026
DRV pin= 17, data=11/17, code(H/L)=4842/1842, volt(H/L)= 5.9990/-0.0021
DRV pin= 17, data=12/17, code(H/L)=5837/1842, volt(H/L)= 7.9976/-0.0015
DRV pin= 17, data=13/17, code(H/L)=3598/3337, volt(H/L)= 3.5015/ 3.0005
DRV pin= 17, data=14/17, code(H/L)=4344/3337, volt(H/L)= 5.0009/ 3.0008
DRV pin= 17, data=15/17, code(H/L)=4842/3337, volt(H/L)= 6.0008/ 3.0010
DRV pin= 17, data=16/17, code(H/L)=5340/3337, volt(H/L)= 7.0014/ 3.0010
DRV pin= 17, data=17/17, code(H/L)=5837/2838, volt(H/L)= 7.9989/ 1.9988
DRV pin= 18, data= 1/17, code(H/L)= 840/ 602, volt(H/L)=-1.9948/-2.5024
DRV pin= 18, data= 2/17, code(H/L)=1588/ 602, volt(H/L)=-0.4979/-2.5019
DRV pin= 18, data= 3/17, code(H/L)=2087/ 602, volt(H/L)= 0.4998/-2.5016
DRV pin= 18, data= 4/17, code(H/L)=2586/ 602, volt(H/L)= 1.4999/-2.5014
DRV pin= 18, data= 5/17, code(H/L)=3584/ 602, volt(H/L)= 3.4981/-2.5009
DRV pin= 18, data= 6/17, code(H/L)=4582/ 602, volt(H/L)= 5.4943/-2.5003
DRV pin= 18, data= 7/17, code(H/L)=2087/1850, volt(H/L)= 0.5013/-0.0015
DRV pin= 18, data= 8/17, code(H/L)=2836/1850, volt(H/L)= 2.0014/-0.0013
DRV pin= 18, data= 9/17, code(H/L)=3335/1850, volt(H/L)= 3.0005/-0.0010
DRV pin= 18, data=10/17, code(H/L)=3834/1850, volt(H/L)= 3.9980/-0.0008
DRV pin= 18, data=11/17, code(H/L)=4832/1850, volt(H/L)= 5.9974/-0.0000
DRV pin= 18, data=12/17, code(H/L)=5830/1850, volt(H/L)= 7.9972/ 0.0005
DRV pin= 18, data=13/17, code(H/L)=3584/3347, volt(H/L)= 3.5014/ 2.9995
DRV pin= 18, data=14/17, code(H/L)=4333/3347, volt(H/L)= 4.9987/ 2.9995
DRV pin= 18, data=15/17, code(H/L)=4832/3347, volt(H/L)= 5.9992/ 2.9997
DRV pin= 18, data=16/17, code(H/L)=5331/3347, volt(H/L)= 6.9995/ 3.0003
DRV pin= 18, data=17/17, code(H/L)=5830/2848, volt(H/L)= 7.9982/ 2.0004
DRV pin= 19, data= 1/17, code(H/L)= 842/ 584, volt(H/L)=-1.9942/-2.5025
DRV pin= 19, data= 2/17, code(H/L)=1590/ 584, volt(H/L)=-0.4975/-2.5020
DRV pin= 19, data= 3/17, code(H/L)=2089/ 584, volt(H/L)= 0.5012/-2.5017
DRV pin= 19, data= 4/17, code(H/L)=2587/ 584, volt(H/L)= 1.4991/-2.5012
DRV pin= 19, data= 5/17, code(H/L)=3585/ 584, volt(H/L)= 3.4983/-2.5009
DRV pin= 19, data= 6/17, code(H/L)=4582/ 584, volt(H/L)= 5.4958/-2.5004
DRV pin= 19, data= 7/17, code(H/L)=2089/1832, volt(H/L)= 0.5027/-0.0018
DRV pin= 19, data= 8/17, code(H/L)=2837/1832, volt(H/L)= 2.0008/-0.0013
DRV pin= 19, data= 9/17, code(H/L)=3335/1832, volt(H/L)= 2.9987/-0.0010
DRV pin= 19, data=10/17, code(H/L)=3834/1832, volt(H/L)= 3.9984/-0.0005

DRV pin= 19, data=11/17, code(H/L)=4832/1832, volt(H/L)= 5.9985/ 0.0000
DRV pin= 19, data=12/17, code(H/L)=5829/1832, volt(H/L)= 7.9973/ 0.0008
DRV pin= 19, data=13/17, code(H/L)=3585/3328, volt(H/L)= 3.5016/ 2.9985
DRV pin= 19, data=14/17, code(H/L)=4333/3328, volt(H/L)= 5.0006/ 2.9990
DRV pin= 19, data=15/17, code(H/L)=4832/3328, volt(H/L)= 6.0005/ 2.9990
DRV pin= 19, data=16/17, code(H/L)=5330/3328, volt(H/L)= 6.9989/ 2.9992
DRV pin= 19, data=17/17, code(H/L)=5829/2829, volt(H/L)= 7.9986/ 1.9990
DRV pin= 20, data= 1/17, code(H/L)= 853/ 602, volt(H/L)=-1.9987/-2.5003
DRV pin= 20, data= 2/17, code(H/L)=1603/ 602, volt(H/L)=-0.5003/-2.5000
DRV pin= 20, data= 3/17, code(H/L)=2103/ 602, volt(H/L)= 0.4981/-2.4997
DRV pin= 20, data= 4/17, code(H/L)=2603/ 602, volt(H/L)= 1.4990/-2.4992
DRV pin= 20, data= 5/17, code(H/L)=3602/ 602, volt(H/L)= 3.4964/-2.4985
DRV pin= 20, data= 6/17, code(H/L)=4602/ 602, volt(H/L)= 5.4967/-2.4982
DRV pin= 20, data= 7/17, code(H/L)=2103/1851, volt(H/L)= 0.4997/-0.0026
DRV pin= 20, data= 8/17, code(H/L)=2853/1851, volt(H/L)= 2.0002/-0.0020
DRV pin= 20, data= 9/17, code(H/L)=3352/1851, volt(H/L)= 2.9985/-0.0018
DRV pin= 20, data=10/17, code(H/L)=3852/1851, volt(H/L)= 3.9979/-0.0015
DRV pin= 20, data=11/17, code(H/L)=4852/1851, volt(H/L)= 5.9974/-0.0010
DRV pin= 20, data=12/17, code(H/L)=5852/1851, volt(H/L)= 7.9975/-0.0000
DRV pin= 20, data=13/17, code(H/L)=3602/3351, volt(H/L)= 3.4997/ 2.9974
DRV pin= 20, data=14/17, code(H/L)=4352/3351, volt(H/L)= 4.9998/ 2.9985
DRV pin= 20, data=15/17, code(H/L)=4852/3351, volt(H/L)= 5.9995/ 2.9987
DRV pin= 20, data=16/17, code(H/L)=5352/3351, volt(H/L)= 6.9994/ 2.9990
DRV pin= 20, data=17/17, code(H/L)=5852/2851, volt(H/L)= 7.9988/ 2.0007
DRV pin= 21, data= 1/17, code(H/L)= 826/ 604, volt(H/L)=-1.9954/-2.5015
DRV pin= 21, data= 2/17, code(H/L)=1572/ 604, volt(H/L)=-0.4979/-2.5010
DRV pin= 21, data= 3/17, code(H/L)=2069/ 604, volt(H/L)= 0.4996/-2.5005
DRV pin= 21, data= 4/17, code(H/L)=2566/ 604, volt(H/L)= 1.4981/-2.5005
DRV pin= 21, data= 5/17, code(H/L)=3560/ 604, volt(H/L)= 3.4968/-2.4997
DRV pin= 21, data= 6/17, code(H/L)=4555/ 604, volt(H/L)= 5.4958/-2.4992
DRV pin= 21, data= 7/17, code(H/L)=2069/1848, volt(H/L)= 0.5012/-0.0010
DRV pin= 21, data= 8/17, code(H/L)=2815/1848, volt(H/L)= 2.0013/-0.0008
DRV pin= 21, data= 9/17, code(H/L)=3312/1848, volt(H/L)= 3.0005/-0.0005
DRV pin= 21, data=10/17, code(H/L)=3809/1848, volt(H/L)= 3.9989/-0.0000
DRV pin= 21, data=11/17, code(H/L)=4803/1848, volt(H/L)= 5.9964/ 0.0005
DRV pin= 21, data=12/17, code(H/L)=5798/1848, volt(H/L)= 7.9983/ 0.0013

DRV pin= 21, data=13/17, code(H/L)=3560/3340, volt(H/L)= 3.4998/ 2.9985
DRV pin= 21, data=14/17, code(H/L)=4306/3340, volt(H/L)= 4.9998/ 2.9990
DRV pin= 21, data=15/17, code(H/L)=4803/3340, volt(H/L)= 5.9982/ 2.9992
DRV pin= 21, data=16/17, code(H/L)=5301/3340, volt(H/L)= 7.0009/ 2.9995
DRV pin= 21, data=17/17, code(H/L)=5798/2843, volt(H/L)= 7.9993/ 2.0005
DRV pin= 22, data= 1/17, code(H/L)= 833/ 608, volt(H/L)=-1.9977/-2.4995
DRV pin= 22, data= 2/17, code(H/L)=1581/ 608, volt(H/L)=-0.4985/-2.4992
DRV pin= 22, data= 3/17, code(H/L)=2079/ 608, volt(H/L)= 0.4987/-2.4990
DRV pin= 22, data= 4/17, code(H/L)=2577/ 608, volt(H/L)= 1.4981/-2.4987
DRV pin= 22, data= 5/17, code(H/L)=3574/ 608, volt(H/L)= 3.4984/-2.4982
DRV pin= 22, data= 6/17, code(H/L)=4570/ 608, volt(H/L)= 5.4962/-2.4980
DRV pin= 22, data= 7/17, code(H/L)=2079/1855, volt(H/L)= 0.5002/-0.0013
DRV pin= 22, data= 8/17, code(H/L)=2826/1855, volt(H/L)= 1.9991/-0.0010
DRV pin= 22, data= 9/17, code(H/L)=3325/1855, volt(H/L)= 3.0005/-0.0005
DRV pin= 22, data=10/17, code(H/L)=3823/1855, volt(H/L)= 3.9994/-0.0005
DRV pin= 22, data=11/17, code(H/L)=4819/1855, volt(H/L)= 5.9972/ 0.0000
DRV pin= 22, data=12/17, code(H/L)=5816/1855, volt(H/L)= 7.9993/ 0.0005
DRV pin= 22, data=13/17, code(H/L)=3574/3351, volt(H/L)= 3.5017/ 2.9985
DRV pin= 22, data=14/17, code(H/L)=4321/3351, volt(H/L)= 5.0003/ 2.9985
DRV pin= 22, data=15/17, code(H/L)=4819/3351, volt(H/L)= 5.9992/ 2.9990
DRV pin= 22, data=16/17, code(H/L)=5318/3351, volt(H/L)= 7.0007/ 2.9995
DRV pin= 22, data=17/17, code(H/L)=5816/2852, volt(H/L)= 8.0003/ 1.9993
DRV pin= 23, data= 1/17, code(H/L)= 846/ 597, volt(H/L)=-1.9956/-2.5011
DRV pin= 23, data= 2/17, code(H/L)=1595/ 597, volt(H/L)=-0.4979/-2.5003
DRV pin= 23, data= 3/17, code(H/L)=2094/ 597, volt(H/L)= 0.4996/-2.5001
DRV pin= 23, data= 4/17, code(H/L)=2593/ 597, volt(H/L)= 1.4990/-2.4996
DRV pin= 23, data= 5/17, code(H/L)=3591/ 597, volt(H/L)= 3.4958/-2.4991
DRV pin= 23, data= 6/17, code(H/L)=4590/ 597, volt(H/L)= 5.4968/-2.4985
DRV pin= 23, data= 7/17, code(H/L)=2094/1845, volt(H/L)= 0.5011/-0.0020
DRV pin= 23, data= 8/17, code(H/L)=2843/1845, volt(H/L)= 2.0009/-0.0020
DRV pin= 23, data= 9/17, code(H/L)=3342/1845, volt(H/L)= 2.9995/-0.0015
DRV pin= 23, data=10/17, code(H/L)=3841/1845, volt(H/L)= 3.9985/-0.0013
DRV pin= 23, data=11/17, code(H/L)=4839/1845, volt(H/L)= 5.9967/-0.0008
DRV pin= 23, data=12/17, code(H/L)=5838/1845, volt(H/L)= 7.9981/-0.0000
DRV pin= 23, data=13/17, code(H/L)=3591/3343, volt(H/L)= 3.4994/ 2.9992
DRV pin= 23, data=14/17, code(H/L)=4340/3343, volt(H/L)= 5.0002/ 2.9997

DRV pin= 23, data=15/17, code(H/L)=4839/3343, volt(H/L)= 5.9987/ 3.0000
DRV pin= 23, data=16/17, code(H/L)=5339/3343, volt(H/L)= 7.0014/ 3.0003
DRV pin= 23, data=17/17, code(H/L)=5838/2844, volt(H/L)= 7.9994/ 2.0014
DRV pin= 24, data= 1/17, code(H/L)= 840/ 597, volt(H/L)=-1.9939/-2.4999
DRV pin= 24, data= 2/17, code(H/L)=1587/ 597, volt(H/L)=-0.4973/-2.4997
DRV pin= 24, data= 3/17, code(H/L)=2085/ 597, volt(H/L)= 0.4990/-2.4991
DRV pin= 24, data= 4/17, code(H/L)=2584/ 597, volt(H/L)= 1.5001/-2.4994
DRV pin= 24, data= 5/17, code(H/L)=3581/ 597, volt(H/L)= 3.4977/-2.4984
DRV pin= 24, data= 6/17, code(H/L)=4577/ 597, volt(H/L)= 5.4946/-2.4979
DRV pin= 24, data= 7/17, code(H/L)=2085/1843, volt(H/L)= 0.5000/-0.0018
DRV pin= 24, data= 8/17, code(H/L)=2833/1843, volt(H/L)= 2.0009/-0.0013
DRV pin= 24, data= 9/17, code(H/L)=3331/1843, volt(H/L)= 2.9995/-0.0013
DRV pin= 24, data=10/17, code(H/L)=3830/1843, volt(H/L)= 3.9985/-0.0008
DRV pin= 24, data=11/17, code(H/L)=4826/1843, volt(H/L)= 5.9959/-0.0003
DRV pin= 24, data=12/17, code(H/L)=5823/1843, volt(H/L)= 7.9961/ 0.0005
DRV pin= 24, data=13/17, code(H/L)=3581/3338, volt(H/L)= 3.5013/ 2.9997
DRV pin= 24, data=14/17, code(H/L)=4328/3338, volt(H/L)= 4.9989/ 3.0003
DRV pin= 24, data=15/17, code(H/L)=4826/3338, volt(H/L)= 5.9982/ 3.0008
DRV pin= 24, data=16/17, code(H/L)=5325/3338, volt(H/L)= 6.9985/ 3.0008
DRV pin= 24, data=17/17, code(H/L)=5823/2840, volt(H/L)= 7.9976/ 2.0012
DRV pin= 25, data= 1/17, code(H/L)= 837/ 597, volt(H/L)=-1.9953/-2.5011
DRV pin= 25, data= 2/17, code(H/L)=1584/ 597, volt(H/L)=-0.4997/-2.5003
DRV pin= 25, data= 3/17, code(H/L)=2083/ 597, volt(H/L)= 0.4989/-2.5003
DRV pin= 25, data= 4/17, code(H/L)=2582/ 597, volt(H/L)= 1.4996/-2.5006
DRV pin= 25, data= 5/17, code(H/L)=3579/ 597, volt(H/L)= 3.4981/-2.4998
DRV pin= 25, data= 6/17, code(H/L)=4576/ 597, volt(H/L)= 5.4960/-2.4993
DRV pin= 25, data= 7/17, code(H/L)=2083/1845, volt(H/L)= 0.5001/-0.0020
DRV pin= 25, data= 8/17, code(H/L)=2831/1845, volt(H/L)= 1.9992/-0.0018
DRV pin= 25, data= 9/17, code(H/L)=3330/1845, volt(H/L)= 2.9997/-0.0013
DRV pin= 25, data=10/17, code(H/L)=3828/1845, volt(H/L)= 3.9988/-0.0013
DRV pin= 25, data=11/17, code(H/L)=4825/1845, volt(H/L)= 5.9969/-0.0010
DRV pin= 25, data=12/17, code(H/L)=5823/1845, volt(H/L)= 7.9974/-0.0003
DRV pin= 25, data=13/17, code(H/L)=3579/3342, volt(H/L)= 3.5014/ 2.9990
DRV pin= 25, data=14/17, code(H/L)=4327/3342, volt(H/L)= 5.0002/ 2.9995
DRV pin= 25, data=15/17, code(H/L)=4825/3342, volt(H/L)= 5.9990/ 2.9992
DRV pin= 25, data=16/17, code(H/L)=5324/3342, volt(H/L)= 6.9993/ 2.9997

DRV pin= 25, data=17/17, code(H/L)=5823/2843, volt(H/L)= 7.9989/ 2.0000
DRV pin= 26, data= 1/17, code(H/L)= 831/ 579, volt(H/L)=-1.9963/-2.5009
DRV pin= 26, data= 2/17, code(H/L)=1577/ 579, volt(H/L)=-0.4986/-2.4998
DRV pin= 26, data= 3/17, code(H/L)=2074/ 579, volt(H/L)= 0.4983/-2.4998
DRV pin= 26, data= 4/17, code(H/L)=2572/ 579, volt(H/L)= 1.4995/-2.4996
DRV pin= 26, data= 5/17, code(H/L)=3567/ 579, volt(H/L)= 3.4973/-2.4996
DRV pin= 26, data= 6/17, code(H/L)=4562/ 579, volt(H/L)= 5.4966/-2.4988
DRV pin= 26, data= 7/17, code(H/L)=2074/1823, volt(H/L)= 0.4998/-0.0015
DRV pin= 26, data= 8/17, code(H/L)=2821/1823, volt(H/L)= 2.0006/-0.0010
DRV pin= 26, data= 9/17, code(H/L)=3318/1823, volt(H/L)= 2.9990/-0.0010
DRV pin= 26, data=10/17, code(H/L)=3815/1823, volt(H/L)= 3.9972/-0.0008
DRV pin= 26, data=11/17, code(H/L)=4810/1823, volt(H/L)= 5.9964/-0.0003
DRV pin= 26, data=12/17, code(H/L)=5805/1823, volt(H/L)= 7.9972/ 0.0005
DRV pin= 26, data=13/17, code(H/L)=3567/3316, volt(H/L)= 3.5004/ 2.9980
DRV pin= 26, data=14/17, code(H/L)=4313/3316, volt(H/L)= 4.9995/ 2.9985
DRV pin= 26, data=15/17, code(H/L)=4810/3316, volt(H/L)= 5.9987/ 2.9985
DRV pin= 26, data=16/17, code(H/L)=5308/3316, volt(H/L)= 7.0003/ 2.9985
DRV pin= 26, data=17/17, code(H/L)=5805/2818, volt(H/L)= 7.9985/ 1.9988
DRV pin= 27, data= 1/17, code(H/L)= 851/ 593, volt(H/L)=-1.9947/-2.5017
DRV pin= 27, data= 2/17, code(H/L)=1598/ 593, volt(H/L)=-0.4986/-2.5009
DRV pin= 27, data= 3/17, code(H/L)=2097/ 593, volt(H/L)= 0.5005/-2.5009
DRV pin= 27, data= 4/17, code(H/L)=2595/ 593, volt(H/L)= 1.4994/-2.5009
DRV pin= 27, data= 5/17, code(H/L)=3592/ 593, volt(H/L)= 3.4977/-2.5004
DRV pin= 27, data= 6/17, code(H/L)=4589/ 593, volt(H/L)= 5.4982/-2.4997
DRV pin= 27, data= 7/17, code(H/L)=2097/1840, volt(H/L)= 0.5020/-0.0020
DRV pin= 27, data= 8/17, code(H/L)=2844/1840, volt(H/L)= 1.9996/-0.0015
DRV pin= 27, data= 9/17, code(H/L)=3343/1840, volt(H/L)= 3.0000/-0.0013
DRV pin= 27, data=10/17, code(H/L)=3841/1840, volt(H/L)= 3.9988/-0.0010
DRV pin= 27, data=11/17, code(H/L)=4838/1840, volt(H/L)= 5.9990/-0.0008
DRV pin= 27, data=12/17, code(H/L)=5835/1840, volt(H/L)= 7.9991/-0.0000
DRV pin= 27, data=13/17, code(H/L)=3592/3337, volt(H/L)= 3.5011/ 3.0013
DRV pin= 27, data=14/17, code(H/L)=4340/3337, volt(H/L)= 5.0025/ 3.0013
DRV pin= 27, data=15/17, code(H/L)=4838/3337, volt(H/L)= 6.0008/ 3.0015
DRV pin= 27, data=16/17, code(H/L)=5336/3337, volt(H/L)= 7.0003/ 3.0015
DRV pin= 27, data=17/17, code(H/L)=5835/2838, volt(H/L)= 8.0004/ 2.0011
DRV pin= 28, data= 1/17, code(H/L)= 820/ 583, volt(H/L)=-1.9952/-2.5009

DRV pin= 28, data= 2/17, code(H/L)=1568/ 583, volt(H/L)=-0.4991/-2.5007
DRV pin= 28, data= 3/17, code(H/L)=2068/ 583, volt(H/L)= 0.5000/-2.5004
DRV pin= 28, data= 4/17, code(H/L)=2567/ 583, volt(H/L)= 1.4996/-2.5004
DRV pin= 28, data= 5/17, code(H/L)=3565/ 583, volt(H/L)= 3.4964/-2.4999
DRV pin= 28, data= 6/17, code(H/L)=4564/ 583, volt(H/L)= 5.4964/-2.4991
DRV pin= 28, data= 7/17, code(H/L)=2068/1831, volt(H/L)= 0.5013/-0.0033
DRV pin= 28, data= 8/17, code(H/L)=2817/1831, volt(H/L)= 2.0014/-0.0028
DRV pin= 28, data= 9/17, code(H/L)=3316/1831, volt(H/L)= 2.9997/-0.0026
DRV pin= 28, data=10/17, code(H/L)=3815/1831, volt(H/L)= 3.9982/-0.0026
DRV pin= 28, data=11/17, code(H/L)=4813/1831, volt(H/L)= 5.9962/-0.0018
DRV pin= 28, data=12/17, code(H/L)=5812/1831, volt(H/L)= 7.9995/-0.0013
DRV pin= 28, data=13/17, code(H/L)=3565/3330, volt(H/L)= 3.4995/ 2.9995
DRV pin= 28, data=14/17, code(H/L)=4314/3330, volt(H/L)= 4.9985/ 3.0000
DRV pin= 28, data=15/17, code(H/L)=4813/3330, volt(H/L)= 5.9980/ 3.0003
DRV pin= 28, data=16/17, code(H/L)=5313/3330, volt(H/L)= 7.0005/ 3.0008
DRV pin= 28, data=17/17, code(H/L)=5812/2830, volt(H/L)= 8.0008/ 1.9991
DRV pin= 29, data= 1/17, code(H/L)= 843/ 593, volt(H/L)=-1.9969/-2.5009
DRV pin= 29, data= 2/17, code(H/L)=1591/ 593, volt(H/L)=-0.4992/-2.5003
DRV pin= 29, data= 3/17, code(H/L)=2090/ 593, volt(H/L)= 0.4996/-2.5003
DRV pin= 29, data= 4/17, code(H/L)=2589/ 593, volt(H/L)= 1.5004/-2.5001
DRV pin= 29, data= 5/17, code(H/L)=3586/ 593, volt(H/L)= 3.4982/-2.4996
DRV pin= 29, data= 6/17, code(H/L)=4583/ 593, volt(H/L)= 5.4944/-2.4986
DRV pin= 29, data= 7/17, code(H/L)=2090/1842, volt(H/L)= 0.5009/-0.0010
DRV pin= 29, data= 8/17, code(H/L)=2838/1842, volt(H/L)= 2.0005/-0.0008
DRV pin= 29, data= 9/17, code(H/L)=3337/1842, volt(H/L)= 3.0005/-0.0008
DRV pin= 29, data=10/17, code(H/L)=3835/1842, volt(H/L)= 3.9977/-0.0005
DRV pin= 29, data=11/17, code(H/L)=4832/1842, volt(H/L)= 5.9959/-0.0000
DRV pin= 29, data=12/17, code(H/L)=5830/1842, volt(H/L)= 7.9969/ 0.0013
DRV pin= 29, data=13/17, code(H/L)=3586/3340, volt(H/L)= 3.5015/ 2.9982
DRV pin= 29, data=14/17, code(H/L)=4334/3340, volt(H/L)= 4.9995/ 2.9987
DRV pin= 29, data=15/17, code(H/L)=4832/3340, volt(H/L)= 5.9977/ 2.9987
DRV pin= 29, data=16/17, code(H/L)=5331/3340, volt(H/L)= 6.9990/ 2.9990
DRV pin= 29, data=17/17, code(H/L)=5830/2841, volt(H/L)= 7.9982/ 2.0005
DRV pin= 30, data= 1/17, code(H/L)= 833/ 614, volt(H/L)=-1.9948/-2.5014
DRV pin= 30, data= 2/17, code(H/L)=1582/ 614, volt(H/L)=-0.4986/-2.5011
DRV pin= 30, data= 3/17, code(H/L)=2082/ 614, volt(H/L)= 0.4989/-2.5006

DRV pin= 30, data= 4/17, code(H/L)=2582/ 614, volt(H/L)= 1.4992/-2.5003
DRV pin= 30, data= 5/17, code(H/L)=3581/ 614, volt(H/L)= 3.4972/-2.5001
DRV pin= 30, data= 6/17, code(H/L)=4581/ 614, volt(H/L)= 5.4972/-2.4993
DRV pin= 30, data= 7/17, code(H/L)=2082/1863, volt(H/L)= 0.5007/-0.0020
DRV pin= 30, data= 8/17, code(H/L)=2832/1863, volt(H/L)= 2.0012/-0.0018
DRV pin= 30, data= 9/17, code(H/L)=3331/1863, volt(H/L)= 2.9990/-0.0015
DRV pin= 30, data=10/17, code(H/L)=3831/1863, volt(H/L)= 3.9985/-0.0013
DRV pin= 30, data=11/17, code(H/L)=4830/1863, volt(H/L)= 5.9967/-0.0008
DRV pin= 30, data=12/17, code(H/L)=5830/1863, volt(H/L)= 7.9972/-0.0003
DRV pin= 30, data=13/17, code(H/L)=3581/3361, volt(H/L)= 3.5008/ 2.9985
DRV pin= 30, data=14/17, code(H/L)=4331/3361, volt(H/L)= 5.0008/ 2.9990
DRV pin= 30, data=15/17, code(H/L)=4830/3361, volt(H/L)= 5.9985/ 2.9990
DRV pin= 30, data=16/17, code(H/L)=5330/3361, volt(H/L)= 6.9995/ 2.9995
DRV pin= 30, data=17/17, code(H/L)=5830/2862, volt(H/L)= 7.9987/ 2.0002
DRV pin= 31, data= 1/17, code(H/L)= 832/ 580, volt(H/L)=-1.9954/-2.5003
DRV pin= 31, data= 2/17, code(H/L)=1579/ 580, volt(H/L)=-0.4992/-2.5003
DRV pin= 31, data= 3/17, code(H/L)=2077/ 580, volt(H/L)= 0.4990/-2.5003
DRV pin= 31, data= 4/17, code(H/L)=2576/ 580, volt(H/L)= 1.4997/-2.4997
DRV pin= 31, data= 5/17, code(H/L)=3572/ 580, volt(H/L)= 3.4985/-2.4997
DRV pin= 31, data= 6/17, code(H/L)=4568/ 580, volt(H/L)= 5.4967/-2.4980
DRV pin= 31, data= 7/17, code(H/L)=2077/1827, volt(H/L)= 0.5008/-0.0010
DRV pin= 31, data= 8/17, code(H/L)=2825/1827, volt(H/L)= 2.0000/-0.0010
DRV pin= 31, data= 9/17, code(H/L)=3323/1827, volt(H/L)= 3.0010/-0.0010
DRV pin= 31, data=10/17, code(H/L)=3821/1827, volt(H/L)= 3.9997/-0.0008
DRV pin= 31, data=11/17, code(H/L)=4817/1827, volt(H/L)= 5.9972/-0.0003
DRV pin= 31, data=12/17, code(H/L)=5814/1827, volt(H/L)= 7.9969/ 0.0015
DRV pin= 31, data=13/17, code(H/L)=3572/3323, volt(H/L)= 3.5018/ 3.0010
DRV pin= 31, data=14/17, code(H/L)=4319/3323, volt(H/L)= 5.0005/ 3.0013
DRV pin= 31, data=15/17, code(H/L)=4817/3323, volt(H/L)= 5.9985/ 3.0013
DRV pin= 31, data=16/17, code(H/L)=5316/3323, volt(H/L)= 7.0000/ 3.0013
DRV pin= 31, data=17/17, code(H/L)=5814/2824, volt(H/L)= 7.9982/ 1.9997
DRV pin= 32, data= 1/17, code(H/L)= 830/ 590, volt(H/L)=-1.9966/-2.5011
DRV pin= 32, data= 2/17, code(H/L)=1576/ 590, volt(H/L)=-0.4989/-2.5009
DRV pin= 32, data= 3/17, code(H/L)=2073/ 590, volt(H/L)= 0.4986/-2.5009
DRV pin= 32, data= 4/17, code(H/L)=2570/ 590, volt(H/L)= 1.4982/-2.5006
DRV pin= 32, data= 5/17, code(H/L)=3565/ 590, volt(H/L)= 3.4982/-2.5001

DRV pin= 32, data= 6/17, code(H/L)=4559/ 590, volt(H/L)= 5.4959/-2.4993
DRV pin= 32, data= 7/17, code(H/L)=2073/1836, volt(H/L)= 0.4999/-0.0023
DRV pin= 32, data= 8/17, code(H/L)=2819/1836, volt(H/L)= 2.0004/-0.0021
DRV pin= 32, data= 9/17, code(H/L)=3316/1836, volt(H/L)= 2.9990/-0.0015
DRV pin= 32, data=10/17, code(H/L)=3813/1836, volt(H/L)= 3.9982/-0.0015
DRV pin= 32, data=11/17, code(H/L)=4808/1836, volt(H/L)= 5.9990/-0.0010
DRV pin= 32, data=12/17, code(H/L)=5802/1836, volt(H/L)= 7.9987/-0.0003
DRV pin= 32, data=13/17, code(H/L)=3565/3330, volt(H/L)= 3.5015/ 2.9985
DRV pin= 32, data=14/17, code(H/L)=4310/3330, volt(H/L)= 4.9985/ 2.9990
DRV pin= 32, data=15/17, code(H/L)=4808/3330, volt(H/L)= 6.0010/ 2.9992
DRV pin= 32, data=16/17, code(H/L)=5305/3330, volt(H/L)= 7.0010/ 2.9997
DRV pin= 32, data=17/17, code(H/L)=5802/2832, volt(H/L)= 8.0005/ 1.9999
DRV pin= 33, data= 1/17, code(H/L)= 846/ 603, volt(H/L)=-1.9952/-2.4997
DRV pin= 33, data= 2/17, code(H/L)=1594/ 603, volt(H/L)=-0.4982/-2.4992
DRV pin= 33, data= 3/17, code(H/L)=2093/ 603, volt(H/L)= 0.4996/-2.4992
DRV pin= 33, data= 4/17, code(H/L)=2592/ 603, volt(H/L)= 1.4992/-2.4990
DRV pin= 33, data= 5/17, code(H/L)=3589/ 603, volt(H/L)= 3.4966/-2.4990
DRV pin= 33, data= 6/17, code(H/L)=4587/ 603, volt(H/L)= 5.4975/-2.4987
DRV pin= 33, data= 7/17, code(H/L)=2093/1852, volt(H/L)= 0.5008/-0.0010
DRV pin= 33, data= 8/17, code(H/L)=2841/1852, volt(H/L)= 1.9993/-0.0005
DRV pin= 33, data= 9/17, code(H/L)=3340/1852, volt(H/L)= 2.9995/-0.0005
DRV pin= 33, data=10/17, code(H/L)=3839/1852, volt(H/L)= 4.0001/-0.0005
DRV pin= 33, data=11/17, code(H/L)=4836/1852, volt(H/L)= 5.9972/-0.0003
DRV pin= 33, data=12/17, code(H/L)=5834/1852, volt(H/L)= 7.9991/ 0.0003
DRV pin= 33, data=13/17, code(H/L)=3589/3350, volt(H/L)= 3.4994/ 2.9987
DRV pin= 33, data=14/17, code(H/L)=4337/3350, volt(H/L)= 4.9994/ 2.9990
DRV pin= 33, data=15/17, code(H/L)=4836/3350, volt(H/L)= 5.9992/ 2.9987
DRV pin= 33, data=16/17, code(H/L)=5335/3350, volt(H/L)= 6.9996/ 2.9990
DRV pin= 33, data=17/17, code(H/L)=5834/2850, volt(H/L)= 7.9999/ 1.9978
DRV pin= 34, data= 1/17, code(H/L)= 860/ 603, volt(H/L)=-1.9925/-2.4994
DRV pin= 34, data= 2/17, code(H/L)=1609/ 603, volt(H/L)=-0.4958/-2.4992
DRV pin= 34, data= 3/17, code(H/L)=2108/ 603, volt(H/L)= 0.5003/-2.4989
DRV pin= 34, data= 4/17, code(H/L)=2607/ 603, volt(H/L)= 1.4990/-2.4989
DRV pin= 34, data= 5/17, code(H/L)=3606/ 603, volt(H/L)= 3.4986/-2.4981
DRV pin= 34, data= 6/17, code(H/L)=4604/ 603, volt(H/L)= 5.4948/-2.4979
DRV pin= 34, data= 7/17, code(H/L)=2108/1853, volt(H/L)= 0.5014/-0.0013

DRV pin= 34, data= 8/17, code(H/L)=2857/1853, volt(H/L)= 2.0006/-0.0008
DRV pin= 34, data= 9/17, code(H/L)=3356/1853, volt(H/L)= 2.9997/-0.0008
DRV pin= 34, data=10/17, code(H/L)=3855/1853, volt(H/L)= 3.9986/-0.0008
DRV pin= 34, data=11/17, code(H/L)=4854/1853, volt(H/L)= 5.9967/-0.0003
DRV pin= 34, data=12/17, code(H/L)=5852/1853, volt(H/L)= 7.9945/ 0.0005
DRV pin= 34, data=13/17, code(H/L)=3606/3353, volt(H/L)= 3.5019/ 3.0000
DRV pin= 34, data=14/17, code(H/L)=4355/3353, volt(H/L)= 5.0011/ 3.0000
DRV pin= 34, data=15/17, code(H/L)=4854/3353, volt(H/L)= 5.9982/ 3.0003
DRV pin= 34, data=16/17, code(H/L)=5353/3353, volt(H/L)= 6.9974/ 3.0003
DRV pin= 34, data=17/17, code(H/L)=5852/2853, volt(H/L)= 7.9955/ 1.9998
DRV pin= 35, data= 1/17, code(H/L)= 842/ 606, volt(H/L)=-1.9959/-2.5014
DRV pin= 35, data= 2/17, code(H/L)=1593/ 606, volt(H/L)=-0.4989/-2.5006
DRV pin= 35, data= 3/17, code(H/L)=2094/ 606, volt(H/L)= 0.4983/-2.5006
DRV pin= 35, data= 4/17, code(H/L)=2595/ 606, volt(H/L)= 1.4986/-2.5001
DRV pin= 35, data= 5/17, code(H/L)=3597/ 606, volt(H/L)= 3.4976/-2.5001
DRV pin= 35, data= 6/17, code(H/L)=4598/ 606, volt(H/L)= 5.4963/-2.4993
DRV pin= 35, data= 7/17, code(H/L)=2094/1859, volt(H/L)= 0.5000/-0.0025
DRV pin= 35, data= 8/17, code(H/L)=2845/1859, volt(H/L)= 1.9986/-0.0023
DRV pin= 35, data= 9/17, code(H/L)=3346/1859, volt(H/L)= 2.9982/-0.0020
DRV pin= 35, data=10/17, code(H/L)=3847/1859, volt(H/L)= 3.9980/-0.0015
DRV pin= 35, data=11/17, code(H/L)=4849/1859, volt(H/L)= 5.9990/-0.0013
DRV pin= 35, data=12/17, code(H/L)=5851/1859, volt(H/L)= 7.9985/-0.0005
DRV pin= 35, data=13/17, code(H/L)=3597/3363, volt(H/L)= 3.5009/ 3.0003
DRV pin= 35, data=14/17, code(H/L)=4348/3363, volt(H/L)= 5.0013/ 3.0008
DRV pin= 35, data=15/17, code(H/L)=4849/3363, volt(H/L)= 6.0010/ 3.0010
DRV pin= 35, data=16/17, code(H/L)=5350/3363, volt(H/L)= 7.0000/ 3.0008
DRV pin= 35, data=17/17, code(H/L)=5851/2862, volt(H/L)= 7.9997/ 2.0007
DRV pin= 36, data= 1/17, code(H/L)= 839/ 586, volt(H/L)=-1.9926/-2.4995
DRV pin= 36, data= 2/17, code(H/L)=1586/ 586, volt(H/L)=-0.4969/-2.4992
DRV pin= 36, data= 3/17, code(H/L)=2084/ 586, volt(H/L)= 0.4998/-2.4987
DRV pin= 36, data= 4/17, code(H/L)=2582/ 586, volt(H/L)= 1.4994/-2.4985
DRV pin= 36, data= 5/17, code(H/L)=3578/ 586, volt(H/L)= 3.4968/-2.4980
DRV pin= 36, data= 6/17, code(H/L)=4575/ 586, volt(H/L)= 5.4969/-2.4972
DRV pin= 36, data= 7/17, code(H/L)=2084/1833, volt(H/L)= 0.5013/-0.0028
DRV pin= 36, data= 8/17, code(H/L)=2831/1833, volt(H/L)= 2.0002/-0.0023
DRV pin= 36, data= 9/17, code(H/L)=3329/1833, volt(H/L)= 2.9997/-0.0020

DRV pin= 36, data=10/17, code(H/L)=3827/1833, volt(H/L)= 3.9976/-0.0015
DRV pin= 36, data=11/17, code(H/L)=4824/1833, volt(H/L)= 5.9987/-0.0013
DRV pin= 36, data=12/17, code(H/L)=5820/1833, volt(H/L)= 7.9968/-0.0008
DRV pin= 36, data=13/17, code(H/L)=3578/3330, volt(H/L)= 3.5003/ 2.9992
DRV pin= 36, data=14/17, code(H/L)=4326/3330, volt(H/L)= 5.0003/ 2.9997
DRV pin= 36, data=15/17, code(H/L)=4824/3330, volt(H/L)= 6.0010/ 3.0000
DRV pin= 36, data=16/17, code(H/L)=5322/3330, volt(H/L)= 7.0004/ 3.0000
DRV pin= 36, data=17/17, code(H/L)=5820/2831, volt(H/L)= 7.9980/ 1.9999
DRV pin= 37, data= 1/17, code(H/L)= 866/ 597, volt(H/L)=-1.9970/-2.4999
DRV pin= 37, data= 2/17, code(H/L)=1613/ 597, volt(H/L)=-0.4978/-2.4997
DRV pin= 37, data= 3/17, code(H/L)=2110/ 597, volt(H/L)= 0.4977/-2.4994
DRV pin= 37, data= 4/17, code(H/L)=2608/ 597, volt(H/L)= 1.4987/-2.4991
DRV pin= 37, data= 5/17, code(H/L)=3603/ 597, volt(H/L)= 3.4973/-2.4986
DRV pin= 37, data= 6/17, code(H/L)=4598/ 597, volt(H/L)= 5.4971/-2.4979
DRV pin= 37, data= 7/17, code(H/L)=2110/1844, volt(H/L)= 0.4995/-0.0041
DRV pin= 37, data= 8/17, code(H/L)=2856/1844, volt(H/L)= 1.9980/-0.0038
DRV pin= 37, data= 9/17, code(H/L)=3354/1844, volt(H/L)= 2.9987/-0.0036
DRV pin= 37, data=10/17, code(H/L)=3851/1844, volt(H/L)= 3.9974/-0.0031
DRV pin= 37, data=11/17, code(H/L)=4846/1844, volt(H/L)= 5.9967/-0.0026
DRV pin= 37, data=12/17, code(H/L)=5841/1844, volt(H/L)= 7.9983/-0.0020
DRV pin= 37, data=13/17, code(H/L)=3603/3341, volt(H/L)= 3.5009/ 2.9969
DRV pin= 37, data=14/17, code(H/L)=4349/3341, volt(H/L)= 5.0009/ 2.9974
DRV pin= 37, data=15/17, code(H/L)=4846/3341, volt(H/L)= 5.9980/ 2.9977
DRV pin= 37, data=16/17, code(H/L)=5344/3341, volt(H/L)= 6.9999/ 2.9980
DRV pin= 37, data=17/17, code(H/L)=5841/2842, volt(H/L)= 7.9993/ 1.9985
DRV pin= 38, data= 1/17, code(H/L)= 842/ 604, volt(H/L)=-1.9968/-2.4994
DRV pin= 38, data= 2/17, code(H/L)=1588/ 604, volt(H/L)=-0.4991/-2.4989
DRV pin= 38, data= 3/17, code(H/L)=2085/ 604, volt(H/L)= 0.4973/-2.4989
DRV pin= 38, data= 4/17, code(H/L)=2583/ 604, volt(H/L)= 1.4985/-2.4984
DRV pin= 38, data= 5/17, code(H/L)=3577/ 604, volt(H/L)= 3.4974/-2.4979
DRV pin= 38, data= 6/17, code(H/L)=4572/ 604, volt(H/L)= 5.4959/-2.4974
DRV pin= 38, data= 7/17, code(H/L)=2085/1848, volt(H/L)= 0.4991/-0.0010
DRV pin= 38, data= 8/17, code(H/L)=2831/1848, volt(H/L)= 1.9978/-0.0010
DRV pin= 38, data= 9/17, code(H/L)=3329/1848, volt(H/L)= 2.9992/-0.0005
DRV pin= 38, data=10/17, code(H/L)=3826/1848, volt(H/L)= 3.9997/-0.0003
DRV pin= 38, data=11/17, code(H/L)=4821/1848, volt(H/L)= 5.9985/ 0.0003

DRV pin= 38, data=12/17, code(H/L)=5816/1848, volt(H/L)= 8.0001/ 0.0010
DRV pin= 38, data=13/17, code(H/L)=3577/3340, volt(H/L)= 3.5005/ 2.9987
DRV pin= 38, data=14/17, code(H/L)=4324/3340, volt(H/L)= 5.0014/ 2.9987
DRV pin= 38, data=15/17, code(H/L)=4821/3340, volt(H/L)= 6.0005/ 2.9992
DRV pin= 38, data=16/17, code(H/L)=5318/3340, volt(H/L)= 6.9997/ 2.9995
DRV pin= 38, data=17/17, code(H/L)=5816/2843, volt(H/L)= 8.0014/ 2.0009
DRV pin= 39, data= 1/17, code(H/L)= 837/ 615, volt(H/L)=-1.9933/-2.4986
DRV pin= 39, data= 2/17, code(H/L)=1587/ 615, volt(H/L)=-0.4979/-2.4983
DRV pin= 39, data= 3/17, code(H/L)=2087/ 615, volt(H/L)= 0.5004/-2.4978
DRV pin= 39, data= 4/17, code(H/L)=2586/ 615, volt(H/L)= 1.4992/-2.4975
DRV pin= 39, data= 5/17, code(H/L)=3586/ 615, volt(H/L)= 3.4991/-2.4968
DRV pin= 39, data= 6/17, code(H/L)=4585/ 615, volt(H/L)= 5.4968/-2.4965
DRV pin= 39, data= 7/17, code(H/L)=2087/1865, volt(H/L)= 0.5020/-0.0031
DRV pin= 39, data= 8/17, code(H/L)=2836/1865, volt(H/L)= 2.0009/-0.0026
DRV pin= 39, data= 9/17, code(H/L)=3336/1865, volt(H/L)= 3.0005/-0.0023
DRV pin= 39, data=10/17, code(H/L)=3835/1865, volt(H/L)= 3.9987/-0.0020
DRV pin= 39, data=11/17, code(H/L)=4835/1865, volt(H/L)= 5.9985/-0.0015
DRV pin= 39, data=12/17, code(H/L)=5834/1865, volt(H/L)= 7.9982/-0.0010
DRV pin= 39, data=13/17, code(H/L)=3586/3366, volt(H/L)= 3.5024/ 2.9992
DRV pin= 39, data=14/17, code(H/L)=4335/3366, volt(H/L)= 5.0003/ 2.9995
DRV pin= 39, data=15/17, code(H/L)=4835/3366, volt(H/L)= 6.0005/ 2.9997
DRV pin= 39, data=16/17, code(H/L)=5334/3366, volt(H/L)= 6.9995/ 3.0000
DRV pin= 39, data=17/17, code(H/L)=5834/2866, volt(H/L)= 7.9995/ 2.0007
DRV pin= 40, data= 1/17, code(H/L)= 853/ 594, volt(H/L)=-1.9938/-2.4998
DRV pin= 40, data= 2/17, code(H/L)=1599/ 594, volt(H/L)=-0.4966/-2.4993
DRV pin= 40, data= 3/17, code(H/L)=2096/ 594, volt(H/L)= 0.5010/-2.4996
DRV pin= 40, data= 4/17, code(H/L)=2593/ 594, volt(H/L)= 1.5006/-2.4991
DRV pin= 40, data= 5/17, code(H/L)=3587/ 594, volt(H/L)= 3.4980/-2.4985
DRV pin= 40, data= 6/17, code(H/L)=4581/ 594, volt(H/L)= 5.4963/-2.4980
DRV pin= 40, data= 7/17, code(H/L)=2096/1839, volt(H/L)= 0.5020/-0.0018
DRV pin= 40, data= 8/17, code(H/L)=2841/1839, volt(H/L)= 2.0003/-0.0015
DRV pin= 40, data= 9/17, code(H/L)=3338/1839, volt(H/L)= 2.9987/-0.0015
DRV pin= 40, data=10/17, code(H/L)=3835/1839, volt(H/L)= 3.9981/-0.0010
DRV pin= 40, data=11/17, code(H/L)=4830/1839, volt(H/L)= 5.9987/-0.0005
DRV pin= 40, data=12/17, code(H/L)=5824/1839, volt(H/L)= 7.9980/ 0.0003
DRV pin= 40, data=13/17, code(H/L)=3587/3333, volt(H/L)= 3.5016/ 2.9997

DRV pin= 40, data=14/17, code(H/L)=4332/3333, volt(H/L)= 4.9991/ 3.0003
DRV pin= 40, data=15/17, code(H/L)=4830/3333, volt(H/L)= 6.0010/ 3.0005
DRV pin= 40, data=16/17, code(H/L)=5327/3333, volt(H/L)= 7.0002/ 3.0005
DRV pin= 40, data=17/17, code(H/L)=5824/2835, volt(H/L)= 7.9996/ 2.0009
DRV pin= 41, data= 1/17, code(H/L)= 848/ 617, volt(H/L)=-1.9938/-2.5003
DRV pin= 41, data= 2/17, code(H/L)=1596/ 617, volt(H/L)=-0.4992/-2.4998
DRV pin= 41, data= 3/17, code(H/L)=2095/ 617, volt(H/L)= 0.4982/-2.4996
DRV pin= 41, data= 4/17, code(H/L)=2594/ 617, volt(H/L)= 1.4977/-2.4996
DRV pin= 41, data= 5/17, code(H/L)=3592/ 617, volt(H/L)= 3.4970/-2.4993
DRV pin= 41, data= 6/17, code(H/L)=4590/ 617, volt(H/L)= 5.4956/-2.4988
DRV pin= 41, data= 7/17, code(H/L)=2095/1866, volt(H/L)= 0.5000/-0.0015
DRV pin= 41, data= 8/17, code(H/L)=2844/1866, volt(H/L)= 2.0008/-0.0013
DRV pin= 41, data= 9/17, code(H/L)=3343/1866, volt(H/L)= 2.9997/-0.0010
DRV pin= 41, data=10/17, code(H/L)=3842/1866, volt(H/L)= 3.9994/-0.0008
DRV pin= 41, data=11/17, code(H/L)=4840/1866, volt(H/L)= 5.9985/-0.0003
DRV pin= 41, data=12/17, code(H/L)=5838/1866, volt(H/L)= 7.9981/ 0.0003
DRV pin= 41, data=13/17, code(H/L)=3592/3365, volt(H/L)= 3.5006/ 2.9992
DRV pin= 41, data=14/17, code(H/L)=4341/3365, volt(H/L)= 5.0006/ 2.9997
DRV pin= 41, data=15/17, code(H/L)=4840/3365, volt(H/L)= 6.0003/ 2.9997
DRV pin= 41, data=16/17, code(H/L)=5339/3365, volt(H/L)= 7.0007/ 3.0000
DRV pin= 41, data=17/17, code(H/L)=5838/2865, volt(H/L)= 7.9991/ 1.9992
DRV pin= 42, data= 1/17, code(H/L)= 864/ 611, volt(H/L)=-1.9963/-2.5012
DRV pin= 42, data= 2/17, code(H/L)=1614/ 611, volt(H/L)=-0.5003/-2.5009
DRV pin= 42, data= 3/17, code(H/L)=2114/ 611, volt(H/L)= 0.4972/-2.5007
DRV pin= 42, data= 4/17, code(H/L)=2614/ 611, volt(H/L)= 1.4977/-2.5004
DRV pin= 42, data= 5/17, code(H/L)=3615/ 611, volt(H/L)= 3.4968/-2.4999
DRV pin= 42, data= 6/17, code(H/L)=4615/ 611, volt(H/L)= 5.4955/-2.4994
DRV pin= 42, data= 7/17, code(H/L)=2114/1862, volt(H/L)= 0.4987/-0.0013
DRV pin= 42, data= 8/17, code(H/L)=2865/1862, volt(H/L)= 2.0008/-0.0010
DRV pin= 42, data= 9/17, code(H/L)=3365/1862, volt(H/L)= 2.9995/-0.0008
DRV pin= 42, data=10/17, code(H/L)=3865/1862, volt(H/L)= 3.9985/-0.0005
DRV pin= 42, data=11/17, code(H/L)=4866/1862, volt(H/L)= 5.9992/ 0.0003
DRV pin= 42, data=12/17, code(H/L)=5866/1862, volt(H/L)= 7.9975/ 0.0008
DRV pin= 42, data=13/17, code(H/L)=3615/3362, volt(H/L)= 3.5001/ 2.9990
DRV pin= 42, data=14/17, code(H/L)=4365/3362, volt(H/L)= 4.9995/ 2.9997
DRV pin= 42, data=15/17, code(H/L)=4866/3362, volt(H/L)= 6.0013/ 2.9997

DRV pin= 42, data=16/17, code(H/L)=5366/3362, volt(H/L)= 7.0000/ 3.0003
DRV pin= 42, data=17/17, code(H/L)=5866/2862, volt(H/L)= 7.9987/ 2.0005
DRV pin= 43, data= 1/17, code(H/L)= 849/ 584, volt(H/L)=-1.9958/-2.5003
DRV pin= 43, data= 2/17, code(H/L)=1597/ 584, volt(H/L)=-0.4992/-2.5001
DRV pin= 43, data= 3/17, code(H/L)=2096/ 584, volt(H/L)= 0.4998/-2.4998
DRV pin= 43, data= 4/17, code(H/L)=2595/ 584, volt(H/L)= 1.4999/-2.4996
DRV pin= 43, data= 5/17, code(H/L)=3592/ 584, volt(H/L)= 3.4978/-2.4993
DRV pin= 43, data= 6/17, code(H/L)=4589/ 584, volt(H/L)= 5.4956/-2.4988
DRV pin= 43, data= 7/17, code(H/L)=2096/1832, volt(H/L)= 0.5008/-0.0018
DRV pin= 43, data= 8/17, code(H/L)=2844/1832, volt(H/L)= 1.9999/-0.0015
DRV pin= 43, data= 9/17, code(H/L)=3343/1832, volt(H/L)= 2.9995/-0.0013
DRV pin= 43, data=10/17, code(H/L)=3841/1832, volt(H/L)= 3.9984/-0.0013
DRV pin= 43, data=11/17, code(H/L)=4839/1832, volt(H/L)= 5.9982/-0.0005
DRV pin= 43, data=12/17, code(H/L)=5836/1832, volt(H/L)= 7.9970/-0.0000
DRV pin= 43, data=13/17, code(H/L)=3592/3329, volt(H/L)= 3.5011/ 2.9990
DRV pin= 43, data=14/17, code(H/L)=4340/3329, volt(H/L)= 5.0003/ 2.9992
DRV pin= 43, data=15/17, code(H/L)=4839/3329, volt(H/L)= 6.0003/ 2.9992
DRV pin= 43, data=16/17, code(H/L)=5337/3329, volt(H/L)= 6.9989/ 2.9995
DRV pin= 43, data=17/17, code(H/L)=5836/2830, volt(H/L)= 7.9983/ 1.9999
DRV pin= 44, data= 1/17, code(H/L)= 865/ 604, volt(H/L)=-1.9947/-2.4994
DRV pin= 44, data= 2/17, code(H/L)=1613/ 604, volt(H/L)=-0.4980/-2.4991
DRV pin= 44, data= 3/17, code(H/L)=2112/ 604, volt(H/L)= 0.5008/-2.4986
DRV pin= 44, data= 4/17, code(H/L)=2610/ 604, volt(H/L)= 1.4996/-2.4984
DRV pin= 44, data= 5/17, code(H/L)=3607/ 604, volt(H/L)= 3.4975/-2.4981
DRV pin= 44, data= 6/17, code(H/L)=4604/ 604, volt(H/L)= 5.4961/-2.4979
DRV pin= 44, data= 7/17, code(H/L)=2112/1850, volt(H/L)= 0.5021/-0.0033
DRV pin= 44, data= 8/17, code(H/L)=2859/1850, volt(H/L)= 1.9999/-0.0026
DRV pin= 44, data= 9/17, code(H/L)=3358/1850, volt(H/L)= 2.9997/-0.0026
DRV pin= 44, data=10/17, code(H/L)=3856/1850, volt(H/L)= 3.9983/-0.0026
DRV pin= 44, data=11/17, code(H/L)=4853/1850, volt(H/L)= 5.9972/-0.0018
DRV pin= 44, data=12/17, code(H/L)=5850/1850, volt(H/L)= 7.9948/-0.0013
DRV pin= 44, data=13/17, code(H/L)=3607/3347, volt(H/L)= 3.5006/ 2.9997
DRV pin= 44, data=14/17, code(H/L)=4355/3347, volt(H/L)= 5.0007/ 3.0003
DRV pin= 44, data=15/17, code(H/L)=4853/3347, volt(H/L)= 5.9992/ 3.0005
DRV pin= 44, data=16/17, code(H/L)=5352/3347, volt(H/L)= 6.9996/ 3.0008
DRV pin= 44, data=17/17, code(H/L)=5850/2848, volt(H/L)= 7.9966/ 1.9999

DRV pin= 45, data= 1/17, code(H/L)= 835/ 596, volt(H/L)=-1.9963/-2.5006
DRV pin= 45, data= 2/17, code(H/L)=1586/ 596, volt(H/L)=-0.4976/-2.5003
DRV pin= 45, data= 3/17, code(H/L)=2086/ 596, volt(H/L)= 0.4994/-2.5003
DRV pin= 45, data= 4/17, code(H/L)=2586/ 596, volt(H/L)= 1.4985/-2.4996
DRV pin= 45, data= 5/17, code(H/L)=3587/ 596, volt(H/L)= 3.4979/-2.4993
DRV pin= 45, data= 6/17, code(H/L)=4588/ 596, volt(H/L)= 5.4983/-2.4988
DRV pin= 45, data= 7/17, code(H/L)=2086/1849, volt(H/L)= 0.5007/-0.0013
DRV pin= 45, data= 8/17, code(H/L)=2836/1849, volt(H/L)= 1.9991/-0.0013
DRV pin= 45, data= 9/17, code(H/L)=3337/1849, volt(H/L)= 3.0000/-0.0010
DRV pin= 45, data=10/17, code(H/L)=3837/1849, volt(H/L)= 3.9997/-0.0008
DRV pin= 45, data=11/17, code(H/L)=4838/1849, volt(H/L)= 5.9992/-0.0005
DRV pin= 45, data=12/17, code(H/L)=5838/1849, volt(H/L)= 7.9965/ 0.0003
DRV pin= 45, data=13/17, code(H/L)=3587/3352, volt(H/L)= 3.5015/ 2.9992
DRV pin= 45, data=14/17, code(H/L)=4337/3352, volt(H/L)= 5.0001/ 2.9995
DRV pin= 45, data=15/17, code(H/L)=4838/3352, volt(H/L)= 6.0010/ 2.9997
DRV pin= 45, data=16/17, code(H/L)=5338/3352, volt(H/L)= 7.0002/ 2.9997
DRV pin= 45, data=17/17, code(H/L)=5838/2851, volt(H/L)= 7.9978/ 2.0002
DRV pin= 46, data= 1/17, code(H/L)= 844/ 614, volt(H/L)=-1.9929/-2.4999
DRV pin= 46, data= 2/17, code(H/L)=1593/ 614, volt(H/L)=-0.4973/-2.4994
DRV pin= 46, data= 3/17, code(H/L)=2093/ 614, volt(H/L)= 0.5006/-2.4991
DRV pin= 46, data= 4/17, code(H/L)=2593/ 614, volt(H/L)= 1.5009/-2.4989
DRV pin= 46, data= 5/17, code(H/L)=3592/ 614, volt(H/L)= 3.4980/-2.4984
DRV pin= 46, data= 6/17, code(H/L)=4591/ 614, volt(H/L)= 5.4931/-2.4981
DRV pin= 46, data= 7/17, code(H/L)=2093/1863, volt(H/L)= 0.5013/-0.0028
DRV pin= 46, data= 8/17, code(H/L)=2842/1863, volt(H/L)= 2.0002/-0.0023
DRV pin= 46, data= 9/17, code(H/L)=3342/1863, volt(H/L)= 2.9995/-0.0023
DRV pin= 46, data=10/17, code(H/L)=3842/1863, volt(H/L)= 3.9997/-0.0023
DRV pin= 46, data=11/17, code(H/L)=4841/1863, volt(H/L)= 5.9954/-0.0015
DRV pin= 46, data=12/17, code(H/L)=5841/1863, volt(H/L)= 7.9951/-0.0010
DRV pin= 46, data=13/17, code(H/L)=3592/3363, volt(H/L)= 3.5015/ 2.9995
DRV pin= 46, data=14/17, code(H/L)=4342/3363, volt(H/L)= 4.9995/ 2.9997
DRV pin= 46, data=15/17, code(H/L)=4841/3363, volt(H/L)= 5.9974/ 2.9997
DRV pin= 46, data=16/17, code(H/L)=5341/3363, volt(H/L)= 6.9972/ 3.0000
DRV pin= 46, data=17/17, code(H/L)=5841/2863, volt(H/L)= 7.9964/ 1.9994
DRV pin= 47, data= 1/17, code(H/L)= 840/ 595, volt(H/L)=-1.9939/-2.5008
DRV pin= 47, data= 2/17, code(H/L)=1589/ 595, volt(H/L)=-0.4985/-2.5003

DRV pin= 47, data= 3/17, code(H/L)=2089/ 595, volt(H/L)= 0.4992/-2.5003
DRV pin= 47, data= 4/17, code(H/L)=2589/ 595, volt(H/L)= 1.5000/-2.5000
DRV pin= 47, data= 5/17, code(H/L)=3588/ 595, volt(H/L)= 3.4970/-2.4995
DRV pin= 47, data= 6/17, code(H/L)=4588/ 595, volt(H/L)= 5.4972/-2.4992
DRV pin= 47, data= 7/17, code(H/L)=2089/1844, volt(H/L)= 0.5010/-0.0028
DRV pin= 47, data= 8/17, code(H/L)=2839/1844, volt(H/L)= 2.0008/-0.0023
DRV pin= 47, data= 9/17, code(H/L)=3338/1844, volt(H/L)= 2.9982/-0.0025
DRV pin= 47, data=10/17, code(H/L)=3838/1844, volt(H/L)= 3.9993/-0.0020
DRV pin= 47, data=11/17, code(H/L)=4838/1844, volt(H/L)= 5.9997/-0.0018
DRV pin= 47, data=12/17, code(H/L)=5837/1844, volt(H/L)= 7.9976/-0.0015
DRV pin= 47, data=13/17, code(H/L)=3588/3343, volt(H/L)= 3.5006/ 2.9985
DRV pin= 47, data=14/17, code(H/L)=4338/3343, volt(H/L)= 5.0020/ 2.9987
DRV pin= 47, data=15/17, code(H/L)=4838/3343, volt(H/L)= 6.0003/ 2.9990
DRV pin= 47, data=16/17, code(H/L)=5337/3343, volt(H/L)= 7.0001/ 2.9992
DRV pin= 47, data=17/17, code(H/L)=5837/2844, volt(H/L)= 7.9989/ 2.0005
DRV pin= 48, data= 1/17, code(H/L)= 854/ 601, volt(H/L)=-1.9932/-2.4994
DRV pin= 48, data= 2/17, code(H/L)=1601/ 601, volt(H/L)=-0.4968/-2.4986
DRV pin= 48, data= 3/17, code(H/L)=2099/ 601, volt(H/L)= 0.4989/-2.4986
DRV pin= 48, data= 4/17, code(H/L)=2597/ 601, volt(H/L)= 1.4990/-2.4984
DRV pin= 48, data= 5/17, code(H/L)=3593/ 601, volt(H/L)= 3.4976/-2.4979
DRV pin= 48, data= 6/17, code(H/L)=4590/ 601, volt(H/L)= 5.4960/-2.4971
DRV pin= 48, data= 7/17, code(H/L)=2099/1846, volt(H/L)= 0.5007/-0.0015
DRV pin= 48, data= 8/17, code(H/L)=2846/1846, volt(H/L)= 1.9999/-0.0010
DRV pin= 48, data= 9/17, code(H/L)=3344/1846, volt(H/L)= 2.9992/-0.0010
DRV pin= 48, data=10/17, code(H/L)=3843/1846, volt(H/L)= 4.0009/-0.0005
DRV pin= 48, data=11/17, code(H/L)=4839/1846, volt(H/L)= 5.9969/ 0.0000
DRV pin= 48, data=12/17, code(H/L)=5835/1846, volt(H/L)= 7.9953/ 0.0005
DRV pin= 48, data=13/17, code(H/L)=3593/3340, volt(H/L)= 3.5009/ 2.9992
DRV pin= 48, data=14/17, code(H/L)=4341/3340, volt(H/L)= 4.9999/ 2.9997
DRV pin= 48, data=15/17, code(H/L)=4839/3340, volt(H/L)= 5.9992/ 3.0000
DRV pin= 48, data=16/17, code(H/L)=5337/3340, volt(H/L)= 6.9986/ 3.0000
DRV pin= 48, data=17/17, code(H/L)=5835/2842, volt(H/L)= 7.9969/ 2.0002
DRV pin= 49, data= 1/17, code(H/L)= 849/ 621, volt(H/L)=-1.9952/-2.5015
DRV pin= 49, data= 2/17, code(H/L)=1598/ 621, volt(H/L)=-0.4995/-2.5010
DRV pin= 49, data= 3/17, code(H/L)=2098/ 621, volt(H/L)= 0.4983/-2.5010
DRV pin= 49, data= 4/17, code(H/L)=2598/ 621, volt(H/L)= 1.4990/-2.5008

DRV pin= 49, data= 5/17, code(H/L)=3597/ 621, volt(H/L)= 3.4961/-2.5003
DRV pin= 49, data= 6/17, code(H/L)=4597/ 621, volt(H/L)= 5.4968/-2.5000
DRV pin= 49, data= 7/17, code(H/L)=2098/1871, volt(H/L)= 0.4998/-0.0031
DRV pin= 49, data= 8/17, code(H/L)=2848/1871, volt(H/L)= 2.0006/-0.0025
DRV pin= 49, data= 9/17, code(H/L)=3348/1871, volt(H/L)= 2.9992/-0.0025
DRV pin= 49, data=10/17, code(H/L)=3847/1871, volt(H/L)= 3.9980/-0.0025
DRV pin= 49, data=11/17, code(H/L)=4847/1871, volt(H/L)= 5.9992/-0.0018
DRV pin= 49, data=12/17, code(H/L)=5847/1871, volt(H/L)= 7.9977/-0.0015
DRV pin= 49, data=13/17, code(H/L)=3597/3372, volt(H/L)= 3.4999/ 2.9985
DRV pin= 49, data=14/17, code(H/L)=4347/3372, volt(H/L)= 5.0010/ 2.9990
DRV pin= 49, data=15/17, code(H/L)=4847/3372, volt(H/L)= 6.0013/ 2.9992
DRV pin= 49, data=16/17, code(H/L)=5347/3372, volt(H/L)= 7.0010/ 2.9995
DRV pin= 49, data=17/17, code(H/L)=5847/2872, volt(H/L)= 7.9990/ 1.9998
DRV pin= 50, data= 1/17, code(H/L)= 851/ 594, volt(H/L)=-1.9932/-2.5002
DRV pin= 50, data= 2/17, code(H/L)=1601/ 594, volt(H/L)=-0.4970/-2.4999
DRV pin= 50, data= 3/17, code(H/L)=2101/ 594, volt(H/L)= 0.4995/-2.4994
DRV pin= 50, data= 4/17, code(H/L)=2601/ 594, volt(H/L)= 1.4990/-2.4992
DRV pin= 50, data= 5/17, code(H/L)=3601/ 594, volt(H/L)= 3.4978/-2.4989
DRV pin= 50, data= 6/17, code(H/L)=4601/ 594, volt(H/L)= 5.4958/-2.4984
DRV pin= 50, data= 7/17, code(H/L)=2101/1845, volt(H/L)= 0.5008/-0.0031
DRV pin= 50, data= 8/17, code(H/L)=2851/1845, volt(H/L)= 2.0000/-0.0028
DRV pin= 50, data= 9/17, code(H/L)=3351/1845, volt(H/L)= 2.9997/-0.0025
DRV pin= 50, data=10/17, code(H/L)=3851/1845, volt(H/L)= 3.9992/-0.0023
DRV pin= 50, data=11/17, code(H/L)=4851/1845, volt(H/L)= 5.9969/-0.0020
DRV pin= 50, data=12/17, code(H/L)=5851/1845, volt(H/L)= 7.9959/-0.0015
DRV pin= 50, data=13/17, code(H/L)=3601/3347, volt(H/L)= 3.5011/ 2.9987
DRV pin= 50, data=14/17, code(H/L)=4351/3347, volt(H/L)= 4.9992/ 2.9990
DRV pin= 50, data=15/17, code(H/L)=4851/3347, volt(H/L)= 5.9987/ 2.9992
DRV pin= 50, data=16/17, code(H/L)=5351/3347, volt(H/L)= 6.9975/ 2.9995
DRV pin= 50, data=17/17, code(H/L)=5851/2847, volt(H/L)= 7.9972/ 2.0000
DRV pin= 51, data= 1/17, code(H/L)= 842/ 586, volt(H/L)=-1.9936/-2.4997
DRV pin= 51, data= 2/17, code(H/L)=1590/ 586, volt(H/L)=-0.4977/-2.4997
DRV pin= 51, data= 3/17, code(H/L)=2089/ 586, volt(H/L)= 0.5004/-2.4992
DRV pin= 51, data= 4/17, code(H/L)=2588/ 586, volt(H/L)= 1.5003/-2.4990
DRV pin= 51, data= 5/17, code(H/L)=3585/ 586, volt(H/L)= 3.4968/-2.4987
DRV pin= 51, data= 6/17, code(H/L)=4583/ 586, volt(H/L)= 5.4955/-2.4982

DRV pin= 51, data= 7/17, code(H/L)=2089/1835, volt(H/L)= 0.5014/-0.0018
DRV pin= 51, data= 8/17, code(H/L)=2837/1835, volt(H/L)= 2.0002/-0.0013
DRV pin= 51, data= 9/17, code(H/L)=3336/1835, volt(H/L)= 3.0000/-0.0010
DRV pin= 51, data=10/17, code(H/L)=3835/1835, volt(H/L)= 3.9992/-0.0010
DRV pin= 51, data=11/17, code(H/L)=4832/1835, volt(H/L)= 5.9959/-0.0005
DRV pin= 51, data=12/17, code(H/L)=5830/1835, volt(H/L)= 7.9949/-0.0000
DRV pin= 51, data=13/17, code(H/L)=3585/3333, volt(H/L)= 3.5006/ 2.9992
DRV pin= 51, data=14/17, code(H/L)=4334/3333, volt(H/L)= 5.0005/ 2.9995
DRV pin= 51, data=15/17, code(H/L)=4832/3333, volt(H/L)= 5.9980/ 2.9997
DRV pin= 51, data=16/17, code(H/L)=5331/3333, volt(H/L)= 6.9977/ 2.9997
DRV pin= 51, data=17/17, code(H/L)=5830/2834, volt(H/L)= 7.9964/ 2.0002
DRV pin= 52, data= 1/17, code(H/L)= 835/ 583, volt(H/L)=-1.9955/-2.5007
DRV pin= 52, data= 2/17, code(H/L)=1583/ 583, volt(H/L)=-0.4975/-2.5002
DRV pin= 52, data= 3/17, code(H/L)=2081/ 583, volt(H/L)= 0.4990/-2.4999
DRV pin= 52, data= 4/17, code(H/L)=2580/ 583, volt(H/L)= 1.5000/-2.4999
DRV pin= 52, data= 5/17, code(H/L)=3577/ 583, volt(H/L)= 3.4981/-2.4994
DRV pin= 52, data= 6/17, code(H/L)=4574/ 583, volt(H/L)= 5.4963/-2.4989
DRV pin= 52, data= 7/17, code(H/L)=2081/1830, volt(H/L)= 0.5003/-0.0020
DRV pin= 52, data= 8/17, code(H/L)=2829/1830, volt(H/L)= 2.0005/-0.0020
DRV pin= 52, data= 9/17, code(H/L)=3327/1830, volt(H/L)= 2.9980/-0.0018
DRV pin= 52, data=10/17, code(H/L)=3826/1830, volt(H/L)= 3.9985/-0.0015
DRV pin= 52, data=11/17, code(H/L)=4823/1830, volt(H/L)= 5.9977/-0.0013
DRV pin= 52, data=12/17, code(H/L)=5820/1830, volt(H/L)= 7.9969/-0.0005
DRV pin= 52, data=13/17, code(H/L)=3577/3326, volt(H/L)= 3.5011/ 2.9982
DRV pin= 52, data=14/17, code(H/L)=4324/3326, volt(H/L)= 4.9985/ 2.9985
DRV pin= 52, data=15/17, code(H/L)=4823/3326, volt(H/L)= 5.9992/ 2.9987
DRV pin= 52, data=16/17, code(H/L)=5321/3326, volt(H/L)= 6.9985/ 2.9990
DRV pin= 52, data=17/17, code(H/L)=5820/2828, volt(H/L)= 7.9985/ 2.0008
DRV pin= 53, data= 1/17, code(H/L)= 856/ 625, volt(H/L)=-1.9959/-2.4997
DRV pin= 53, data= 2/17, code(H/L)=1606/ 625, volt(H/L)=-0.4985/-2.4995
DRV pin= 53, data= 3/17, code(H/L)=2106/ 625, volt(H/L)= 0.4999/-2.4992
DRV pin= 53, data= 4/17, code(H/L)=2606/ 625, volt(H/L)= 1.5003/-2.4992
DRV pin= 53, data= 5/17, code(H/L)=3606/ 625, volt(H/L)= 3.4977/-2.4982
DRV pin= 53, data= 6/17, code(H/L)=4606/ 625, volt(H/L)= 5.4993/-2.4982
DRV pin= 53, data= 7/17, code(H/L)=2106/1876, volt(H/L)= 0.5012/-0.0013
DRV pin= 53, data= 8/17, code(H/L)=2856/1876, volt(H/L)= 2.0014/-0.0010

DRV pin= 53, data= 9/17, code(H/L)=3356/1876, volt(H/L)= 3.0003/-0.0008
DRV pin= 53, data=10/17, code(H/L)=3856/1876, volt(H/L)= 3.9994/-0.0010
DRV pin= 53, data=11/17, code(H/L)=4856/1876, volt(H/L)= 6.0010/-0.0003
DRV pin= 53, data=12/17, code(H/L)=5856/1876, volt(H/L)= 8.0003/ 0.0003
DRV pin= 53, data=13/17, code(H/L)=3606/3376, volt(H/L)= 3.5012/ 2.9980
DRV pin= 53, data=14/17, code(H/L)=4356/3376, volt(H/L)= 5.0011/ 2.9985
DRV pin= 53, data=15/17, code(H/L)=4856/3376, volt(H/L)= 6.0025/ 2.9985
DRV pin= 53, data=16/17, code(H/L)=5356/3376, volt(H/L)= 7.0025/ 2.9985
DRV pin= 53, data=17/17, code(H/L)=5856/2876, volt(H/L)= 8.0011/ 1.9992
DRV pin= 54, data= 1/17, code(H/L)= 852/ 597, volt(H/L)=-1.9941/-2.5003
DRV pin= 54, data= 2/17, code(H/L)=1598/ 597, volt(H/L)=-0.4979/-2.5001
DRV pin= 54, data= 3/17, code(H/L)=2096/ 597, volt(H/L)= 0.5006/-2.5001
DRV pin= 54, data= 4/17, code(H/L)=2594/ 597, volt(H/L)= 1.5017/-2.4998
DRV pin= 54, data= 5/17, code(H/L)=3589/ 597, volt(H/L)= 3.4985/-2.4993
DRV pin= 54, data= 6/17, code(H/L)=4585/ 597, volt(H/L)= 5.4972/-2.4988
DRV pin= 54, data= 7/17, code(H/L)=2096/1843, volt(H/L)= 0.5017/-0.0015
DRV pin= 54, data= 8/17, code(H/L)=2842/1843, volt(H/L)= 1.9997/-0.0015
DRV pin= 54, data= 9/17, code(H/L)=3340/1843, volt(H/L)= 3.0000/-0.0013
DRV pin= 54, data=10/17, code(H/L)=3838/1843, volt(H/L)= 3.9980/-0.0013
DRV pin= 54, data=11/17, code(H/L)=4833/1843, volt(H/L)= 5.9972/-0.0005
DRV pin= 54, data=12/17, code(H/L)=5829/1843, volt(H/L)= 7.9969/-0.0003
DRV pin= 54, data=13/17, code(H/L)=3589/3339, volt(H/L)= 3.5015/ 2.9992
DRV pin= 54, data=14/17, code(H/L)=4336/3339, volt(H/L)= 5.0005/ 2.9997
DRV pin= 54, data=15/17, code(H/L)=4833/3339, volt(H/L)= 5.9990/ 3.0000
DRV pin= 54, data=16/17, code(H/L)=5331/3339, volt(H/L)= 6.9982/ 3.0000
DRV pin= 54, data=17/17, code(H/L)=5829/2840, volt(H/L)= 7.9982/ 1.9995
DRV pin= 55, data= 1/17, code(H/L)= 852/ 587, volt(H/L)=-1.9934/-2.5005
DRV pin= 55, data= 2/17, code(H/L)=1601/ 587, volt(H/L)=-0.4972/-2.4997
DRV pin= 55, data= 3/17, code(H/L)=2100/ 587, volt(H/L)= 0.5000/-2.4995
DRV pin= 55, data= 4/17, code(H/L)=2599/ 587, volt(H/L)= 1.4991/-2.4992
DRV pin= 55, data= 5/17, code(H/L)=3598/ 587, volt(H/L)= 3.4980/-2.4990
DRV pin= 55, data= 6/17, code(H/L)=4596/ 587, volt(H/L)= 5.4962/-2.4982
DRV pin= 55, data= 7/17, code(H/L)=2100/1838, volt(H/L)= 0.5016/-0.0018
DRV pin= 55, data= 8/17, code(H/L)=2849/1838, volt(H/L)= 2.0007/-0.0015
DRV pin= 55, data= 9/17, code(H/L)=3348/1838, volt(H/L)= 2.9990/-0.0013
DRV pin= 55, data=10/17, code(H/L)=3847/1838, volt(H/L)= 3.9987/-0.0010

DRV pin= 55, data=11/17, code(H/L)=4846/1838, volt(H/L)= 5.9975/-0.0003
DRV pin= 55, data=12/17, code(H/L)=5844/1838, volt(H/L)= 7.9944/ 0.0003
DRV pin= 55, data=13/17, code(H/L)=3598/3338, volt(H/L)= 3.5015/ 2.9990
DRV pin= 55, data=14/17, code(H/L)=4346/3338, volt(H/L)= 4.9992/ 2.9997
DRV pin= 55, data=15/17, code(H/L)=4846/3338, volt(H/L)= 5.9997/ 3.0000
DRV pin= 55, data=16/17, code(H/L)=5345/3338, volt(H/L)= 6.9990/ 3.0000
DRV pin= 55, data=17/17, code(H/L)=5844/2838, volt(H/L)= 7.9959/ 1.9999
DRV pin= 56, data= 1/17, code(H/L)= 850/ 609, volt(H/L)=-1.9950/-2.4969
DRV pin= 56, data= 2/17, code(H/L)=1603/ 609, volt(H/L)=-0.4978/-2.4966
DRV pin= 56, data= 3/17, code(H/L)=2104/ 609, volt(H/L)= 0.4989/-2.4964
DRV pin= 56, data= 4/17, code(H/L)=2606/ 609, volt(H/L)= 1.4995/-2.4964
DRV pin= 56, data= 5/17, code(H/L)=3609/ 609, volt(H/L)= 3.4973/-2.4959
DRV pin= 56, data= 6/17, code(H/L)=4612/ 609, volt(H/L)= 5.4964/-2.4954
DRV pin= 56, data= 7/17, code(H/L)=2104/1862, volt(H/L)= 0.5004/-0.0025
DRV pin= 56, data= 8/17, code(H/L)=2857/1862, volt(H/L)= 2.0012/-0.0018
DRV pin= 56, data= 9/17, code(H/L)=3358/1862, volt(H/L)= 2.9985/-0.0018
DRV pin= 56, data=10/17, code(H/L)=3860/1862, volt(H/L)= 3.9992/-0.0015
DRV pin= 56, data=11/17, code(H/L)=4863/1862, volt(H/L)= 5.9987/-0.0010
DRV pin= 56, data=12/17, code(H/L)=5866/1862, volt(H/L)= 7.9978/-0.0005
DRV pin= 56, data=13/17, code(H/L)=3609/3367, volt(H/L)= 3.5006/ 3.0000
DRV pin= 56, data=14/17, code(H/L)=4361/3367, volt(H/L)= 4.9996/ 3.0003
DRV pin= 56, data=15/17, code(H/L)=4863/3367, volt(H/L)= 6.0005/ 3.0005
DRV pin= 56, data=16/17, code(H/L)=5365/3367, volt(H/L)= 7.0014/ 3.0005
DRV pin= 56, data=17/17, code(H/L)=5866/2865, volt(H/L)= 7.9991/ 1.9997
DRV pin=129, data= 1/17, code(H/L)= 834/ 605, volt(H/L)=-1.9936/-2.5019
DRV pin=129, data= 2/17, code(H/L)=1582/ 605, volt(H/L)=-0.4971/-2.5011
DRV pin=129, data= 3/17, code(H/L)=2080/ 605, volt(H/L)= 0.4994/-2.5008
DRV pin=129, data= 4/17, code(H/L)=2579/ 605, volt(H/L)= 1.5004/-2.5008
DRV pin=129, data= 5/17, code(H/L)=3575/ 605, volt(H/L)= 3.4972/-2.5003
DRV pin=129, data= 6/17, code(H/L)=4572/ 605, volt(H/L)= 5.4957/-2.4998
DRV pin=129, data= 7/17, code(H/L)=2080/1855, volt(H/L)= 0.5007/-0.0028
DRV pin=129, data= 8/17, code(H/L)=2828/1855, volt(H/L)= 2.0003/-0.0028
DRV pin=129, data= 9/17, code(H/L)=3326/1855, volt(H/L)= 3.0000/-0.0023
DRV pin=129, data=10/17, code(H/L)=3825/1855, volt(H/L)= 4.0000/-0.0025
DRV pin=129, data=11/17, code(H/L)=4822/1855, volt(H/L)= 5.9985/-0.0018
DRV pin=129, data=12/17, code(H/L)=5819/1855, volt(H/L)= 7.9975/-0.0015

DRV pin=129, data=13/17, code(H/L)=3575/3355, volt(H/L)= 3.5005/ 3.0005
DRV pin=129, data=14/17, code(H/L)=4323/3355, volt(H/L)= 4.9997/ 3.0008
DRV pin=129, data=15/17, code(H/L)=4822/3355, volt(H/L)= 6.0008/ 3.0010
DRV pin=129, data=16/17, code(H/L)=5320/3355, volt(H/L)= 6.9995/ 3.0013
DRV pin=129, data=17/17, code(H/L)=5819/2855, volt(H/L)= 7.9987/ 1.9991
DRV pin=130, data= 1/17, code(H/L)= 849/ 606, volt(H/L)=-1.9953/-2.5003
DRV pin=130, data= 2/17, code(H/L)=1597/ 606, volt(H/L)=-0.4991/-2.4998
DRV pin=130, data= 3/17, code(H/L)=2096/ 606, volt(H/L)= 0.4988/-2.4996
DRV pin=130, data= 4/17, code(H/L)=2595/ 606, volt(H/L)= 1.4991/-2.4993
DRV pin=130, data= 5/17, code(H/L)=3593/ 606, volt(H/L)= 3.4975/-2.4991
DRV pin=130, data= 6/17, code(H/L)=4591/ 606, volt(H/L)= 5.4984/-2.4986
DRV pin=130, data= 7/17, code(H/L)=2096/1853, volt(H/L)= 0.5003/-0.0023
DRV pin=130, data= 8/17, code(H/L)=2844/1853, volt(H/L)= 1.9991/-0.0020
DRV pin=130, data= 9/17, code(H/L)=3343/1853, volt(H/L)= 2.9982/-0.0018
DRV pin=130, data=10/17, code(H/L)=3842/1853, volt(H/L)= 3.9980/-0.0018
DRV pin=130, data=11/17, code(H/L)=4840/1853, volt(H/L)= 5.9995/-0.0013
DRV pin=130, data=12/17, code(H/L)=5838/1853, volt(H/L)= 7.9986/-0.0008
DRV pin=130, data=13/17, code(H/L)=3593/3349, volt(H/L)= 3.5011/ 2.9974
DRV pin=130, data=14/17, code(H/L)=4341/3349, volt(H/L)= 5.0009/ 2.9977
DRV pin=130, data=15/17, code(H/L)=4840/3349, volt(H/L)= 6.0013/ 2.9977
DRV pin=130, data=16/17, code(H/L)=5339/3349, volt(H/L)= 7.0009/ 2.9980
DRV pin=130, data=17/17, code(H/L)=5838/2851, volt(H/L)= 7.9999/ 1.9999
DRV pin=131, data= 1/17, code(H/L)= 844/ 599, volt(H/L)=-1.9970/-2.5014
DRV pin=131, data= 2/17, code(H/L)=1594/ 599, volt(H/L)=-0.4988/-2.5012
DRV pin=131, data= 3/17, code(H/L)=2094/ 599, volt(H/L)= 0.4993/-2.5009
DRV pin=131, data= 4/17, code(H/L)=2593/ 599, volt(H/L)= 1.4976/-2.5007
DRV pin=131, data= 5/17, code(H/L)=3593/ 599, volt(H/L)= 3.4970/-2.5002
DRV pin=131, data= 6/17, code(H/L)=4592/ 599, volt(H/L)= 5.4979/-2.4999
DRV pin=131, data= 7/17, code(H/L)=2094/1848, volt(H/L)= 0.5008/-0.0033
DRV pin=131, data= 8/17, code(H/L)=2843/1848, volt(H/L)= 1.9992/-0.0033
DRV pin=131, data= 9/17, code(H/L)=3343/1848, volt(H/L)= 2.9982/-0.0028
DRV pin=131, data=10/17, code(H/L)=3843/1848, volt(H/L)= 3.9989/-0.0025
DRV pin=131, data=11/17, code(H/L)=4842/1848, volt(H/L)= 5.9987/-0.0023
DRV pin=131, data=12/17, code(H/L)=5842/1848, volt(H/L)= 7.9998/-0.0015
DRV pin=131, data=13/17, code(H/L)=3593/3348, volt(H/L)= 3.5003/ 2.9990
DRV pin=131, data=14/17, code(H/L)=4342/3348, volt(H/L)= 5.0008/ 2.9992

DRV pin=131, data=15/17, code(H/L)=4842/3348, volt(H/L)= 6.0008/ 2.9992
DRV pin=131, data=16/17, code(H/L)=5342/3348, volt(H/L)= 7.0014/ 2.9995
DRV pin=131, data=17/17, code(H/L)=5842/2848, volt(H/L)= 8.0008/ 1.9989
DRV pin=132, data= 1/17, code(H/L)= 848/ 584, volt(H/L)=-1.9980/-2.5005
DRV pin=132, data= 2/17, code(H/L)=1598/ 584, volt(H/L)=-0.5008/-2.5000
DRV pin=132, data= 3/17, code(H/L)=2099/ 584, volt(H/L)= 0.4987/-2.4997
DRV pin=132, data= 4/17, code(H/L)=2599/ 584, volt(H/L)= 1.4986/-2.4995
DRV pin=132, data= 5/17, code(H/L)=3600/ 584, volt(H/L)= 3.4982/-2.4990
DRV pin=132, data= 6/17, code(H/L)=4600/ 584, volt(H/L)= 5.4967/-2.4985
DRV pin=132, data= 7/17, code(H/L)=2099/1836, volt(H/L)= 0.5002/-0.0015
DRV pin=132, data= 8/17, code(H/L)=2849/1836, volt(H/L)= 1.9996/-0.0008
DRV pin=132, data= 9/17, code(H/L)=3350/1836, volt(H/L)= 2.9997/-0.0010
DRV pin=132, data=10/17, code(H/L)=3850/1836, volt(H/L)= 3.9990/-0.0008
DRV pin=132, data=11/17, code(H/L)=4851/1836, volt(H/L)= 6.0003/-0.0003
DRV pin=132, data=12/17, code(H/L)=5851/1836, volt(H/L)= 7.9977/ 0.0003
DRV pin=132, data=13/17, code(H/L)=3600/3338, volt(H/L)= 3.5013/ 2.9975
DRV pin=132, data=14/17, code(H/L)=4350/3338, volt(H/L)= 5.0003/ 2.9980
DRV pin=132, data=15/17, code(H/L)=4851/3338, volt(H/L)= 6.0020/ 2.9985
DRV pin=132, data=16/17, code(H/L)=5351/3338, volt(H/L)= 7.0010/ 2.9985
DRV pin=132, data=17/17, code(H/L)=5851/2837, volt(H/L)= 7.9990/ 1.9983
DRV pin=133, data= 1/17, code(H/L)= 849/ 597, volt(H/L)=-1.9966/-2.5011
DRV pin=133, data= 2/17, code(H/L)=1599/ 597, volt(H/L)=-0.4989/-2.5006
DRV pin=133, data= 3/17, code(H/L)=2098/ 597, volt(H/L)= 0.4981/-2.5003
DRV pin=133, data= 4/17, code(H/L)=2598/ 597, volt(H/L)= 1.4982/-2.5001
DRV pin=133, data= 5/17, code(H/L)=3597/ 597, volt(H/L)= 3.4962/-2.4996
DRV pin=133, data= 6/17, code(H/L)=4596/ 597, volt(H/L)= 5.4969/-2.4991
DRV pin=133, data= 7/17, code(H/L)=2098/1847, volt(H/L)= 0.4997/-0.0020
DRV pin=133, data= 8/17, code(H/L)=2848/1847, volt(H/L)= 2.0004/-0.0013
DRV pin=133, data= 9/17, code(H/L)=3347/1847, volt(H/L)= 2.9980/-0.0015
DRV pin=133, data=10/17, code(H/L)=3847/1847, volt(H/L)= 3.9985/-0.0013
DRV pin=133, data=11/17, code(H/L)=4846/1847, volt(H/L)= 5.9985/-0.0010
DRV pin=133, data=12/17, code(H/L)=5845/1847, volt(H/L)= 7.9985/-0.0003
DRV pin=133, data=13/17, code(H/L)=3597/3346, volt(H/L)= 3.4997/ 2.9985
DRV pin=133, data=14/17, code(H/L)=4347/3346, volt(H/L)= 5.0025/ 2.9987
DRV pin=133, data=15/17, code(H/L)=4846/3346, volt(H/L)= 6.0003/ 2.9987
DRV pin=133, data=16/17, code(H/L)=5346/3346, volt(H/L)= 7.0018/ 2.9990

DRV pin=133, data=17/17, code(H/L)=5845/2846, volt(H/L)= 7.9995/ 1.9989
DRV pin=134, data= 1/17, code(H/L)= 855/ 603, volt(H/L)=-1.9972/-2.5000
DRV pin=134, data= 2/17, code(H/L)=1604/ 603, volt(H/L)=-0.4990/-2.4995
DRV pin=134, data= 3/17, code(H/L)=2103/ 603, volt(H/L)= 0.4985/-2.4995
DRV pin=134, data= 4/17, code(H/L)=2602/ 603, volt(H/L)= 1.4987/-2.4992
DRV pin=134, data= 5/17, code(H/L)=3600/ 603, volt(H/L)= 3.4972/-2.4987
DRV pin=134, data= 6/17, code(H/L)=4598/ 603, volt(H/L)= 5.4949/-2.4980
DRV pin=134, data= 7/17, code(H/L)=2103/1850, volt(H/L)= 0.4997/-0.0026
DRV pin=134, data= 8/17, code(H/L)=2852/1850, volt(H/L)= 2.0008/-0.0018
DRV pin=134, data= 9/17, code(H/L)=3351/1850, volt(H/L)= 2.9997/-0.0018
DRV pin=134, data=10/17, code(H/L)=3850/1850, volt(H/L)= 3.9997/-0.0015
DRV pin=134, data=11/17, code(H/L)=4848/1850, volt(H/L)= 5.9977/-0.0013
DRV pin=134, data=12/17, code(H/L)=5846/1850, volt(H/L)= 7.9957/-0.0008
DRV pin=134, data=13/17, code(H/L)=3600/3347, volt(H/L)= 3.5007/ 2.9982
DRV pin=134, data=14/17, code(H/L)=4349/3347, volt(H/L)= 5.0001/ 2.9987
DRV pin=134, data=15/17, code(H/L)=4848/3347, volt(H/L)= 5.9995/ 2.9987
DRV pin=134, data=16/17, code(H/L)=5347/3347, volt(H/L)= 6.9991/ 2.9990
DRV pin=134, data=17/17, code(H/L)=5846/2848, volt(H/L)= 7.9973/ 2.0000
DRV pin=135, data= 1/17, code(H/L)= 844/ 590, volt(H/L)=-1.9967/-2.5010
DRV pin=135, data= 2/17, code(H/L)=1593/ 590, volt(H/L)=-0.4980/-2.5005
DRV pin=135, data= 3/17, code(H/L)=2092/ 590, volt(H/L)= 0.4999/-2.5003
DRV pin=135, data= 4/17, code(H/L)=2591/ 590, volt(H/L)= 1.4986/-2.5003
DRV pin=135, data= 5/17, code(H/L)=3589/ 590, volt(H/L)= 3.4968/-2.4997
DRV pin=135, data= 6/17, code(H/L)=4587/ 590, volt(H/L)= 5.4968/-2.4995
DRV pin=135, data= 7/17, code(H/L)=2092/1839, volt(H/L)= 0.5006/-0.0020
DRV pin=135, data= 8/17, code(H/L)=2840/1839, volt(H/L)= 1.9990/-0.0015
DRV pin=135, data= 9/17, code(H/L)=3339/1839, volt(H/L)= 2.9977/-0.0013
DRV pin=135, data=10/17, code(H/L)=3839/1839, volt(H/L)= 4.0013/-0.0013
DRV pin=135, data=11/17, code(H/L)=4837/1839, volt(H/L)= 5.9992/-0.0008
DRV pin=135, data=12/17, code(H/L)=5835/1839, volt(H/L)= 7.9972/-0.0003
DRV pin=135, data=13/17, code(H/L)=3589/3337, volt(H/L)= 3.5004/ 2.9980
DRV pin=135, data=14/17, code(H/L)=4338/3337, volt(H/L)= 5.0025/ 2.9985
DRV pin=135, data=15/17, code(H/L)=4837/3337, volt(H/L)= 6.0010/ 2.9987
DRV pin=135, data=16/17, code(H/L)=5336/3337, volt(H/L)= 7.0008/ 2.9990
DRV pin=135, data=17/17, code(H/L)=5835/2838, volt(H/L)= 7.9987/ 1.9997
DRV pin=136, data= 1/17, code(H/L)= 837/ 607, volt(H/L)=-1.9954/-2.5010

DRV pin=136, data= 2/17, code(H/L)=1587/ 607, volt(H/L)=-0.4972/-2.5005
DRV pin=136, data= 3/17, code(H/L)=2087/ 607, volt(H/L)= 0.5003/-2.5008
DRV pin=136, data= 4/17, code(H/L)=2587/ 607, volt(H/L)= 1.4995/-2.5003
DRV pin=136, data= 5/17, code(H/L)=3587/ 607, volt(H/L)= 3.4979/-2.4997
DRV pin=136, data= 6/17, code(H/L)=4587/ 607, volt(H/L)= 5.4983/-2.4995
DRV pin=136, data= 7/17, code(H/L)=2087/1858, volt(H/L)= 0.5013/-0.0005
DRV pin=136, data= 8/17, code(H/L)=2837/1858, volt(H/L)= 2.0008/-0.0003
DRV pin=136, data= 9/17, code(H/L)=3337/1858, volt(H/L)= 2.9997/-0.0000
DRV pin=136, data=10/17, code(H/L)=3837/1858, volt(H/L)= 4.0006/ 0.0003
DRV pin=136, data=11/17, code(H/L)=4836/1858, volt(H/L)= 5.9975/ 0.0008
DRV pin=136, data=12/17, code(H/L)=5836/1858, volt(H/L)= 7.9966/ 0.0010
DRV pin=136, data=13/17, code(H/L)=3587/3358, volt(H/L)= 3.5014/ 2.9982
DRV pin=136, data=14/17, code(H/L)=4337/3358, volt(H/L)= 5.0025/ 2.9987
DRV pin=136, data=15/17, code(H/L)=4836/3358, volt(H/L)= 5.9997/ 2.9987
DRV pin=136, data=16/17, code(H/L)=5336/3358, volt(H/L)= 6.9996/ 2.9990
DRV pin=136, data=17/17, code(H/L)=5836/2858, volt(H/L)= 7.9981/ 1.9992
DRV pin=137, data= 1/17, code(H/L)= 871/ 606, volt(H/L)=-1.9928/-2.4998
DRV pin=137, data= 2/17, code(H/L)=1622/ 606, volt(H/L)=-0.4974/-2.4993
DRV pin=137, data= 3/17, code(H/L)=2123/ 606, volt(H/L)= 0.5002/-2.4991
DRV pin=137, data= 4/17, code(H/L)=2624/ 606, volt(H/L)= 1.5000/-2.4988
DRV pin=137, data= 5/17, code(H/L)=3626/ 606, volt(H/L)= 3.4977/-2.4983
DRV pin=137, data= 6/17, code(H/L)=4627/ 606, volt(H/L)= 5.4957/-2.4981
DRV pin=137, data= 7/17, code(H/L)=2123/1859, volt(H/L)= 0.5017/-0.0025
DRV pin=137, data= 8/17, code(H/L)=2874/1859, volt(H/L)= 1.9994/-0.0023
DRV pin=137, data= 9/17, code(H/L)=3375/1859, volt(H/L)= 2.9982/-0.0020
DRV pin=137, data=10/17, code(H/L)=3876/1859, volt(H/L)= 3.9979/-0.0018
DRV pin=137, data=11/17, code(H/L)=4878/1859, volt(H/L)= 5.9977/-0.0015
DRV pin=137, data=12/17, code(H/L)=5880/1859, volt(H/L)= 7.9965/-0.0010
DRV pin=137, data=13/17, code(H/L)=3626/3363, volt(H/L)= 3.5012/ 2.9992
DRV pin=137, data=14/17, code(H/L)=4377/3363, volt(H/L)= 5.0001/ 2.9995
DRV pin=137, data=15/17, code(H/L)=4878/3363, volt(H/L)= 5.9997/ 2.9997
DRV pin=137, data=16/17, code(H/L)=5379/3363, volt(H/L)= 6.9994/ 3.0000
DRV pin=137, data=17/17, code(H/L)=5880/2862, volt(H/L)= 7.9978/ 1.9999
DRV pin=138, data= 1/17, code(H/L)= 863/ 605, volt(H/L)=-1.9948/-2.4971
DRV pin=138, data= 2/17, code(H/L)=1613/ 605, volt(H/L)=-0.4993/-2.4969
DRV pin=138, data= 3/17, code(H/L)=2113/ 605, volt(H/L)= 0.4982/-2.4964

DRV pin=138, data= 4/17, code(H/L)=2613/ 605, volt(H/L)= 1.4986/-2.4964
DRV pin=138, data= 5/17, code(H/L)=3613/ 605, volt(H/L)= 3.4964/-2.4959
DRV pin=138, data= 6/17, code(H/L)=4613/ 605, volt(H/L)= 5.4957/-2.4956
DRV pin=138, data= 7/17, code(H/L)=2113/1854, volt(H/L)= 0.4992/-0.0028
DRV pin=138, data= 8/17, code(H/L)=2863/1854, volt(H/L)= 1.9993/-0.0023
DRV pin=138, data= 9/17, code(H/L)=3363/1854, volt(H/L)= 2.9990/-0.0020
DRV pin=138, data=10/17, code(H/L)=3863/1854, volt(H/L)= 3.9977/-0.0018
DRV pin=138, data=11/17, code(H/L)=4863/1854, volt(H/L)= 5.9997/-0.0015
DRV pin=138, data=12/17, code(H/L)=5863/1854, volt(H/L)= 7.9970/-0.0010
DRV pin=138, data=13/17, code(H/L)=3613/3354, volt(H/L)= 3.4995/ 2.9980
DRV pin=138, data=14/17, code(H/L)=4363/3354, volt(H/L)= 4.9995/ 2.9982
DRV pin=138, data=15/17, code(H/L)=4863/3354, volt(H/L)= 6.0020/ 2.9982
DRV pin=138, data=16/17, code(H/L)=5363/3354, volt(H/L)= 7.0013/ 2.9985
DRV pin=138, data=17/17, code(H/L)=5863/2854, volt(H/L)= 7.9992/ 1.9991
DRV pin=139, data= 1/17, code(H/L)= 826/ 620, volt(H/L)=-1.9960/-2.5004
DRV pin=139, data= 2/17, code(H/L)=1575/ 620, volt(H/L)=-0.4986/-2.4999
DRV pin=139, data= 3/17, code(H/L)=2074/ 620, volt(H/L)= 0.4986/-2.4997
DRV pin=139, data= 4/17, code(H/L)=2573/ 620, volt(H/L)= 1.4982/-2.4997
DRV pin=139, data= 5/17, code(H/L)=3572/ 620, volt(H/L)= 3.4992/-2.4992
DRV pin=139, data= 6/17, code(H/L)=4570/ 620, volt(H/L)= 5.4968/-2.4989
DRV pin=139, data= 7/17, code(H/L)=2074/1866, volt(H/L)= 0.5007/-0.0023
DRV pin=139, data= 8/17, code(H/L)=2823/1866, volt(H/L)= 2.0002/-0.0020
DRV pin=139, data= 9/17, code(H/L)=3322/1866, volt(H/L)= 3.0003/-0.0018
DRV pin=139, data=10/17, code(H/L)=3821/1866, volt(H/L)= 3.9991/-0.0018
DRV pin=139, data=11/17, code(H/L)=4820/1866, volt(H/L)= 5.9990/-0.0015
DRV pin=139, data=12/17, code(H/L)=5818/1866, volt(H/L)= 7.9976/-0.0010
DRV pin=139, data=13/17, code(H/L)=3572/3361, volt(H/L)= 3.5022/ 2.9985
DRV pin=139, data=14/17, code(H/L)=4320/3361, volt(H/L)= 4.9999/ 2.9987
DRV pin=139, data=15/17, code(H/L)=4820/3361, volt(H/L)= 6.0008/ 2.9990
DRV pin=139, data=16/17, code(H/L)=5319/3361, volt(H/L)= 7.0003/ 2.9992
DRV pin=139, data=17/17, code(H/L)=5818/2863, volt(H/L)= 7.9989/ 1.9997
DRV pin=140, data= 1/17, code(H/L)= 841/ 586, volt(H/L)=-1.9957/-2.5008
DRV pin=140, data= 2/17, code(H/L)=1589/ 586, volt(H/L)=-0.4995/-2.5003
DRV pin=140, data= 3/17, code(H/L)=2088/ 586, volt(H/L)= 0.4985/-2.5000
DRV pin=140, data= 4/17, code(H/L)=2587/ 586, volt(H/L)= 1.4985/-2.4997
DRV pin=140, data= 5/17, code(H/L)=3585/ 586, volt(H/L)= 3.4981/-2.4995

DRV pin=140, data= 6/17, code(H/L)=4583/ 586, volt(H/L)= 5.4979/-2.4990
DRV pin=140, data= 7/17, code(H/L)=2088/1833, volt(H/L)= 0.5003/-0.0023
DRV pin=140, data= 8/17, code(H/L)=2836/1833, volt(H/L)= 1.9987/-0.0018
DRV pin=140, data= 9/17, code(H/L)=3335/1833, volt(H/L)= 2.9982/-0.0018
DRV pin=140, data=10/17, code(H/L)=3834/1833, volt(H/L)= 3.9989/-0.0018
DRV pin=140, data=11/17, code(H/L)=4832/1833, volt(H/L)= 5.9995/-0.0013
DRV pin=140, data=12/17, code(H/L)=5830/1833, volt(H/L)= 7.9986/-0.0008
DRV pin=140, data=13/17, code(H/L)=3585/3330, volt(H/L)= 3.5014/ 2.9987
DRV pin=140, data=14/17, code(H/L)=4333/3330, volt(H/L)= 5.0006/ 2.9990
DRV pin=140, data=15/17, code(H/L)=4832/3330, volt(H/L)= 6.0013/ 2.9992
DRV pin=140, data=16/17, code(H/L)=5331/3330, volt(H/L)= 7.0009/ 2.9992
DRV pin=140, data=17/17, code(H/L)=5830/2831, volt(H/L)= 7.9998/ 1.9990
DRV pin=141, data= 1/17, code(H/L)= 850/ 588, volt(H/L)=-1.9952/-2.5004
DRV pin=141, data= 2/17, code(H/L)=1597/ 588, volt(H/L)=-0.4975/-2.4999
DRV pin=141, data= 3/17, code(H/L)=2094/ 588, volt(H/L)= 0.4989/-2.4997
DRV pin=141, data= 4/17, code(H/L)=2592/ 588, volt(H/L)= 1.4986/-2.4994
DRV pin=141, data= 5/17, code(H/L)=3587/ 588, volt(H/L)= 3.4969/-2.4991
DRV pin=141, data= 6/17, code(H/L)=4583/ 588, volt(H/L)= 5.4952/-2.4984
DRV pin=141, data= 7/17, code(H/L)=2094/1833, volt(H/L)= 0.5004/-0.0023
DRV pin=141, data= 8/17, code(H/L)=2841/1833, volt(H/L)= 2.0003/-0.0020
DRV pin=141, data= 9/17, code(H/L)=3339/1833, volt(H/L)= 3.0005/-0.0020
DRV pin=141, data=10/17, code(H/L)=3836/1833, volt(H/L)= 3.9973/-0.0018
DRV pin=141, data=11/17, code(H/L)=4832/1833, volt(H/L)= 5.9974/-0.0013
DRV pin=141, data=12/17, code(H/L)=5827/1833, volt(H/L)= 7.9961/-0.0008
DRV pin=141, data=13/17, code(H/L)=3587/3327, volt(H/L)= 3.5002/ 2.9987
DRV pin=141, data=14/17, code(H/L)=4334/3327, volt(H/L)= 4.9991/ 2.9992
DRV pin=141, data=15/17, code(H/L)=4832/3327, volt(H/L)= 5.9992/ 2.9995
DRV pin=141, data=16/17, code(H/L)=5330/3327, volt(H/L)= 7.0001/ 2.9997
DRV pin=141, data=17/17, code(H/L)=5827/2829, volt(H/L)= 7.9974/ 2.0000
DRV pin=142, data= 1/17, code(H/L)= 850/ 610, volt(H/L)=-1.9927/-2.4994
DRV pin=142, data= 2/17, code(H/L)=1597/ 610, volt(H/L)=-0.4968/-2.4991
DRV pin=142, data= 3/17, code(H/L)=2094/ 610, volt(H/L)= 0.4983/-2.4989
DRV pin=142, data= 4/17, code(H/L)=2592/ 610, volt(H/L)= 1.4983/-2.4986
DRV pin=142, data= 5/17, code(H/L)=3588/ 610, volt(H/L)= 3.4969/-2.4981
DRV pin=142, data= 6/17, code(H/L)=4584/ 610, volt(H/L)= 5.4952/-2.4976
DRV pin=142, data= 7/17, code(H/L)=2094/1856, volt(H/L)= 0.4999/-0.0023

DRV pin=142, data= 8/17, code(H/L)=2841/1856, volt(H/L)= 1.9997/-0.0020
DRV pin=142, data= 9/17, code(H/L)=3339/1856, volt(H/L)= 2.9990/-0.0018
DRV pin=142, data=10/17, code(H/L)=3837/1856, volt(H/L)= 3.9974/-0.0018
DRV pin=142, data=11/17, code(H/L)=4833/1856, volt(H/L)= 5.9969/-0.0013
DRV pin=142, data=12/17, code(H/L)=5829/1856, volt(H/L)= 7.9950/-0.0010
DRV pin=142, data=13/17, code(H/L)=3588/3351, volt(H/L)= 3.5002/ 2.9985
DRV pin=142, data=14/17, code(H/L)=4335/3351, volt(H/L)= 4.9986/ 2.9987
DRV pin=142, data=15/17, code(H/L)=4833/3351, volt(H/L)= 5.9987/ 2.9987
DRV pin=142, data=16/17, code(H/L)=5331/3351, volt(H/L)= 6.9984/ 2.9992
DRV pin=142, data=17/17, code(H/L)=5829/2853, volt(H/L)= 7.9965/ 2.0005
DRV pin=143, data= 1/17, code(H/L)= 832/ 588, volt(H/L)=-1.9959/-2.5005
DRV pin=143, data= 2/17, code(H/L)=1579/ 588, volt(H/L)=-0.4987/-2.5000
DRV pin=143, data= 3/17, code(H/L)=2077/ 588, volt(H/L)= 0.4989/-2.5000
DRV pin=143, data= 4/17, code(H/L)=2575/ 588, volt(H/L)= 1.4978/-2.4995
DRV pin=143, data= 5/17, code(H/L)=3572/ 588, volt(H/L)= 3.4981/-2.4992
DRV pin=143, data= 6/17, code(H/L)=4568/ 588, volt(H/L)= 5.4962/-2.4987
DRV pin=143, data= 7/17, code(H/L)=2077/1834, volt(H/L)= 0.4997/-0.0023
DRV pin=143, data= 8/17, code(H/L)=2824/1834, volt(H/L)= 1.9993/-0.0020
DRV pin=143, data= 9/17, code(H/L)=3323/1834, volt(H/L)= 3.0003/-0.0018
DRV pin=143, data=10/17, code(H/L)=3821/1834, volt(H/L)= 3.9993/-0.0018
DRV pin=143, data=11/17, code(H/L)=4817/1834, volt(H/L)= 5.9972/-0.0010
DRV pin=143, data=12/17, code(H/L)=5813/1834, volt(H/L)= 7.9953/-0.0005
DRV pin=143, data=13/17, code(H/L)=3572/3330, volt(H/L)= 3.5017/ 3.0003
DRV pin=143, data=14/17, code(H/L)=4319/3330, volt(H/L)= 4.9999/ 3.0005
DRV pin=143, data=15/17, code(H/L)=4817/3330, volt(H/L)= 5.9992/ 3.0008
DRV pin=143, data=16/17, code(H/L)=5315/3330, volt(H/L)= 6.9983/ 3.0010
DRV pin=143, data=17/17, code(H/L)=5813/2831, volt(H/L)= 7.9966/ 1.9998
DRV pin=144, data= 1/17, code(H/L)= 847/ 588, volt(H/L)=-1.9956/-2.4996
DRV pin=144, data= 2/17, code(H/L)=1594/ 588, volt(H/L)=-0.4997/-2.4993
DRV pin=144, data= 3/17, code(H/L)=2093/ 588, volt(H/L)= 0.4999/-2.4988
DRV pin=144, data= 4/17, code(H/L)=2591/ 588, volt(H/L)= 1.4994/-2.4988
DRV pin=144, data= 5/17, code(H/L)=3587/ 588, volt(H/L)= 3.4981/-2.4983
DRV pin=144, data= 6/17, code(H/L)=4583/ 588, volt(H/L)= 5.4975/-2.4978
DRV pin=144, data= 7/17, code(H/L)=2093/1833, volt(H/L)= 0.5009/-0.0026
DRV pin=144, data= 8/17, code(H/L)=2840/1833, volt(H/L)= 2.0005/-0.0021
DRV pin=144, data= 9/17, code(H/L)=3338/1833, volt(H/L)= 3.0000/-0.0021

DRV pin=144, data=10/17, code(H/L)=3836/1833, volt(H/L)= 4.0003/-0.0018
DRV pin=144, data=11/17, code(H/L)=4832/1833, volt(H/L)= 5.9995/-0.0013
DRV pin=144, data=12/17, code(H/L)=5828/1833, volt(H/L)= 7.9971/-0.0008
DRV pin=144, data=13/17, code(H/L)=3587/3328, volt(H/L)= 3.5012/ 3.0018
DRV pin=144, data=14/17, code(H/L)=4334/3328, volt(H/L)= 5.0012/ 3.0015
DRV pin=144, data=15/17, code(H/L)=4832/3328, volt(H/L)= 6.0010/ 3.0020
DRV pin=144, data=16/17, code(H/L)=5330/3328, volt(H/L)= 7.0001/ 3.0023
DRV pin=144, data=17/17, code(H/L)=5828/2830, volt(H/L)= 7.9984/ 2.0020
DRV pin=145, data= 1/17, code(H/L)= 834/ 600, volt(H/L)=-1.9926/-2.4990
DRV pin=145, data= 2/17, code(H/L)=1583/ 600, volt(H/L)=-0.4987/-2.4987
DRV pin=145, data= 3/17, code(H/L)=2083/ 600, volt(H/L)= 0.4995/-2.4985
DRV pin=145, data= 4/17, code(H/L)=2582/ 600, volt(H/L)= 1.4985/-2.4987
DRV pin=145, data= 5/17, code(H/L)=3582/ 600, volt(H/L)= 3.4988/-2.4980
DRV pin=145, data= 6/17, code(H/L)=4581/ 600, volt(H/L)= 5.4966/-2.4975
DRV pin=145, data= 7/17, code(H/L)=2083/1850, volt(H/L)= 0.5010/-0.0028
DRV pin=145, data= 8/17, code(H/L)=2832/1850, volt(H/L)= 1.9995/-0.0023
DRV pin=145, data= 9/17, code(H/L)=3332/1850, volt(H/L)= 2.9990/-0.0023
DRV pin=145, data=10/17, code(H/L)=3832/1850, volt(H/L)= 4.0007/-0.0018
DRV pin=145, data=11/17, code(H/L)=4831/1850, volt(H/L)= 5.9990/-0.0015
DRV pin=145, data=12/17, code(H/L)=5830/1850, volt(H/L)= 7.9978/-0.0008
DRV pin=145, data=13/17, code(H/L)=3582/3351, volt(H/L)= 3.5024/ 2.9969
DRV pin=145, data=14/17, code(H/L)=4331/3351, volt(H/L)= 5.0003/ 2.9969
DRV pin=145, data=15/17, code(H/L)=4831/3351, volt(H/L)= 6.0008/ 2.9974
DRV pin=145, data=16/17, code(H/L)=5331/3351, volt(H/L)= 7.0012/ 2.9974
DRV pin=145, data=17/17, code(H/L)=5830/2851, volt(H/L)= 7.9991/ 1.9992
DRV pin=146, data= 1/17, code(H/L)= 843/ 588, volt(H/L)=-1.9921/-2.5008
DRV pin=146, data= 2/17, code(H/L)=1589/ 588, volt(H/L)=-0.4969/-2.5005
DRV pin=146, data= 3/17, code(H/L)=2087/ 588, volt(H/L)= 0.5017/-2.5000
DRV pin=146, data= 4/17, code(H/L)=2584/ 588, volt(H/L)= 1.5001/-2.4995
DRV pin=146, data= 5/17, code(H/L)=3579/ 588, volt(H/L)= 3.4987/-2.4992
DRV pin=146, data= 6/17, code(H/L)=4573/ 588, volt(H/L)= 5.4954/-2.4990
DRV pin=146, data= 7/17, code(H/L)=2087/1835, volt(H/L)= 0.5028/-0.0020
DRV pin=146, data= 8/17, code(H/L)=2833/1835, volt(H/L)= 2.0019/-0.0015
DRV pin=146, data= 9/17, code(H/L)=3330/1835, volt(H/L)= 3.0005/-0.0015
DRV pin=146, data=10/17, code(H/L)=3827/1835, volt(H/L)= 3.9986/-0.0015
DRV pin=146, data=11/17, code(H/L)=4822/1835, volt(H/L)= 5.9977/-0.0005

DRV pin=146, data=12/17, code(H/L)=5817/1835, volt(H/L)= 7.9960/-0.0003
DRV pin=146, data=13/17, code(H/L)=3579/3331, volt(H/L)= 3.5020/ 2.9995
DRV pin=146, data=14/17, code(H/L)=4325/3331, volt(H/L)= 5.0009/ 2.9995
DRV pin=146, data=15/17, code(H/L)=4822/3331, volt(H/L)= 5.9992/ 3.0000
DRV pin=146, data=16/17, code(H/L)=5319/3331, volt(H/L)= 6.9989/ 3.0000
DRV pin=146, data=17/17, code(H/L)=5817/2832, volt(H/L)= 7.9975/ 1.9993
DRV pin=147, data= 1/17, code(H/L)= 836/ 617, volt(H/L)=-1.9947/-2.5022
DRV pin=147, data= 2/17, code(H/L)=1584/ 617, volt(H/L)=-0.4986/-2.5020
DRV pin=147, data= 3/17, code(H/L)=2083/ 617, volt(H/L)= 0.4997/-2.5017
DRV pin=147, data= 4/17, code(H/L)=2582/ 617, volt(H/L)= 1.4987/-2.5014
DRV pin=147, data= 5/17, code(H/L)=3580/ 617, volt(H/L)= 3.4993/-2.5012
DRV pin=147, data= 6/17, code(H/L)=4577/ 617, volt(H/L)= 5.4974/-2.5004
DRV pin=147, data= 7/17, code(H/L)=2083/1866, volt(H/L)= 0.5015/-0.0018
DRV pin=147, data= 8/17, code(H/L)=2831/1866, volt(H/L)= 1.9987/-0.0010
DRV pin=147, data= 9/17, code(H/L)=3330/1866, volt(H/L)= 2.9990/-0.0008
DRV pin=147, data=10/17, code(H/L)=3829/1866, volt(H/L)= 4.0002/-0.0008
DRV pin=147, data=11/17, code(H/L)=4827/1866, volt(H/L)= 5.9987/-0.0003
DRV pin=147, data=12/17, code(H/L)=5825/1866, volt(H/L)= 8.0003/ 0.0005
DRV pin=147, data=13/17, code(H/L)=3580/3364, volt(H/L)= 3.5029/ 2.9995
DRV pin=147, data=14/17, code(H/L)=4328/3364, volt(H/L)= 5.0021/ 2.9995
DRV pin=147, data=15/17, code(H/L)=4827/3364, volt(H/L)= 6.0008/ 2.9997
DRV pin=147, data=16/17, code(H/L)=5326/3364, volt(H/L)= 7.0009/ 3.0003
DRV pin=147, data=17/17, code(H/L)=5825/2865, volt(H/L)= 8.0014/ 2.0000
DRV pin=148, data= 1/17, code(H/L)= 831/ 580, volt(H/L)=-1.9983/-2.5007
DRV pin=148, data= 2/17, code(H/L)=1580/ 580, volt(H/L)=-0.5001/-2.5002
DRV pin=148, data= 3/17, code(H/L)=2079/ 580, volt(H/L)= 0.4968/-2.5002
DRV pin=148, data= 4/17, code(H/L)=2578/ 580, volt(H/L)= 1.4974/-2.4999
DRV pin=148, data= 5/17, code(H/L)=3577/ 580, volt(H/L)= 3.4984/-2.4994
DRV pin=148, data= 6/17, code(H/L)=4575/ 580, volt(H/L)= 5.4962/-2.4991
DRV pin=148, data= 7/17, code(H/L)=2079/1827, volt(H/L)= 0.4985/-0.0015
DRV pin=148, data= 8/17, code(H/L)=2828/1827, volt(H/L)= 1.9996/-0.0013
DRV pin=148, data= 9/17, code(H/L)=3327/1827, volt(H/L)= 2.9990/-0.0013
DRV pin=148, data=10/17, code(H/L)=3826/1827, volt(H/L)= 3.9984/-0.0010
DRV pin=148, data=11/17, code(H/L)=4825/1827, volt(H/L)= 5.9990/-0.0005
DRV pin=148, data=12/17, code(H/L)=5823/1827, volt(H/L)= 7.9975/ 0.0003
DRV pin=148, data=13/17, code(H/L)=3577/3322, volt(H/L)= 3.5017/ 2.9995

DRV pin=148, data=14/17, code(H/L)=4326/3322, volt(H/L)= 5.0014/ 2.9997
DRV pin=148, data=15/17, code(H/L)=4825/3322, volt(H/L)= 6.0010/ 2.9997
DRV pin=148, data=16/17, code(H/L)=5324/3322, volt(H/L)= 7.0007/ 3.0000
DRV pin=148, data=17/17, code(H/L)=5823/2823, volt(H/L)= 7.9991/ 1.9996
DRV pin=149, data= 1/17, code(H/L)= 840/ 605, volt(H/L)=-1.9952/-2.5012
DRV pin=149, data= 2/17, code(H/L)=1588/ 605, volt(H/L)=-0.4978/-2.5007
DRV pin=149, data= 3/17, code(H/L)=2086/ 605, volt(H/L)= 0.4991/-2.5004
DRV pin=149, data= 4/17, code(H/L)=2584/ 605, volt(H/L)= 1.4990/-2.5002
DRV pin=149, data= 5/17, code(H/L)=3581/ 605, volt(H/L)= 3.4991/-2.4999
DRV pin=149, data= 6/17, code(H/L)=4577/ 605, volt(H/L)= 5.4971/-2.4997
DRV pin=149, data= 7/17, code(H/L)=2086/1852, volt(H/L)= 0.5011/-0.0036
DRV pin=149, data= 8/17, code(H/L)=2833/1852, volt(H/L)= 1.9993/-0.0031
DRV pin=149, data= 9/17, code(H/L)=3331/1852, volt(H/L)= 2.9985/-0.0031
DRV pin=149, data=10/17, code(H/L)=3830/1852, volt(H/L)= 3.9997/-0.0028
DRV pin=149, data=11/17, code(H/L)=4826/1852, volt(H/L)= 5.9987/-0.0026
DRV pin=149, data=12/17, code(H/L)=5823/1852, volt(H/L)= 7.9983/-0.0018
DRV pin=149, data=13/17, code(H/L)=3581/3349, volt(H/L)= 3.5026/ 3.0010
DRV pin=149, data=14/17, code(H/L)=4328/3349, volt(H/L)= 5.0014/ 3.0013
DRV pin=149, data=15/17, code(H/L)=4826/3349, volt(H/L)= 6.0008/ 3.0015
DRV pin=149, data=16/17, code(H/L)=5324/3349, volt(H/L)= 7.0002/ 3.0015
DRV pin=149, data=17/17, code(H/L)=5823/2850, volt(H/L)= 7.9996/ 1.9993
DRV pin=150, data= 1/17, code(H/L)= 845/ 590, volt(H/L)=-1.9953/-2.5009
DRV pin=150, data= 2/17, code(H/L)=1593/ 590, volt(H/L)=-0.4979/-2.5003
DRV pin=150, data= 3/17, code(H/L)=2091/ 590, volt(H/L)= 0.4994/-2.5003
DRV pin=150, data= 4/17, code(H/L)=2589/ 590, volt(H/L)= 1.4985/-2.4998
DRV pin=150, data= 5/17, code(H/L)=3586/ 590, volt(H/L)= 3.4981/-2.4993
DRV pin=150, data= 6/17, code(H/L)=4583/ 590, volt(H/L)= 5.4942/-2.4988
DRV pin=150, data= 7/17, code(H/L)=2091/1837, volt(H/L)= 0.5014/-0.0015
DRV pin=150, data= 8/17, code(H/L)=2839/1837, volt(H/L)= 2.0012/-0.0010
DRV pin=150, data= 9/17, code(H/L)=3337/1837, volt(H/L)= 3.0000/-0.0008
DRV pin=150, data=10/17, code(H/L)=3836/1837, volt(H/L)= 3.9980/-0.0005
DRV pin=150, data=11/17, code(H/L)=4833/1837, volt(H/L)= 5.9982/ 0.0000
DRV pin=150, data=12/17, code(H/L)=5829/1837, volt(H/L)= 7.9959/ 0.0005
DRV pin=150, data=13/17, code(H/L)=3586/3333, volt(H/L)= 3.5012/ 2.9990
DRV pin=150, data=14/17, code(H/L)=4334/3333, volt(H/L)= 4.9985/ 2.9990
DRV pin=150, data=15/17, code(H/L)=4833/3333, volt(H/L)= 6.0003/ 2.9990

DRV pin=150, data=16/17, code(H/L)=5331/3333, volt(H/L)= 6.9992/ 2.9992
DRV pin=150, data=17/17, code(H/L)=5829/2834, volt(H/L)= 7.9972/ 1.9991
DRV pin=151, data= 1/17, code(H/L)= 848/ 593, volt(H/L)=-1.9946/-2.5003
DRV pin=151, data= 2/17, code(H/L)=1596/ 593, volt(H/L)=-0.4971/-2.4998
DRV pin=151, data= 3/17, code(H/L)=2094/ 593, volt(H/L)= 0.5001/-2.4996
DRV pin=151, data= 4/17, code(H/L)=2592/ 593, volt(H/L)= 1.4989/-2.4996
DRV pin=151, data= 5/17, code(H/L)=3589/ 593, volt(H/L)= 3.4967/-2.4988
DRV pin=151, data= 6/17, code(H/L)=4586/ 593, volt(H/L)= 5.4954/-2.4983
DRV pin=151, data= 7/17, code(H/L)=2094/1839, volt(H/L)= 0.5014/-0.0015
DRV pin=151, data= 8/17, code(H/L)=2842/1839, volt(H/L)= 2.0008/-0.0015
DRV pin=151, data= 9/17, code(H/L)=3340/1839, volt(H/L)= 2.9990/-0.0010
DRV pin=151, data=10/17, code(H/L)=3839/1839, volt(H/L)= 3.9997/-0.0010
DRV pin=151, data=11/17, code(H/L)=4836/1839, volt(H/L)= 5.9980/-0.0005
DRV pin=151, data=12/17, code(H/L)=5833/1839, volt(H/L)= 7.9975/-0.0000
DRV pin=151, data=13/17, code(H/L)=3589/3333, volt(H/L)= 3.5005/ 2.9982
DRV pin=151, data=14/17, code(H/L)=4337/3333, volt(H/L)= 4.9995/ 2.9985
DRV pin=151, data=15/17, code(H/L)=4836/3333, volt(H/L)= 6.0000/ 2.9985
DRV pin=151, data=16/17, code(H/L)=5334/3333, volt(H/L)= 6.9985/ 2.9987
DRV pin=151, data=17/17, code(H/L)=5833/2835, volt(H/L)= 7.9987/ 1.9995
DRV pin=152, data= 1/17, code(H/L)= 833/ 596, volt(H/L)=-1.9976/-2.4991
DRV pin=152, data= 2/17, code(H/L)=1582/ 596, volt(H/L)=-0.4989/-2.4983
DRV pin=152, data= 3/17, code(H/L)=2081/ 596, volt(H/L)= 0.4991/-2.4980
DRV pin=152, data= 4/17, code(H/L)=2580/ 596, volt(H/L)= 1.4985/-2.4980
DRV pin=152, data= 5/17, code(H/L)=3579/ 596, volt(H/L)= 3.4979/-2.4978
DRV pin=152, data= 6/17, code(H/L)=4577/ 596, volt(H/L)= 5.4970/-2.4970
DRV pin=152, data= 7/17, code(H/L)=2081/1843, volt(H/L)= 0.5004/-0.0018
DRV pin=152, data= 8/17, code(H/L)=2830/1843, volt(H/L)= 1.9999/-0.0010
DRV pin=152, data= 9/17, code(H/L)=3329/1843, volt(H/L)= 2.9995/-0.0010
DRV pin=152, data=10/17, code(H/L)=3828/1843, volt(H/L)= 3.9984/-0.0008
DRV pin=152, data=11/17, code(H/L)=4826/1843, volt(H/L)= 5.9964/-0.0005
DRV pin=152, data=12/17, code(H/L)=5825/1843, volt(H/L)= 7.9983/ 0.0005
DRV pin=152, data=13/17, code(H/L)=3579/3340, volt(H/L)= 3.5015/ 2.9992
DRV pin=152, data=14/17, code(H/L)=4327/3340, volt(H/L)= 4.9991/ 2.9997
DRV pin=152, data=15/17, code(H/L)=4826/3340, volt(H/L)= 5.9985/ 3.0000
DRV pin=152, data=16/17, code(H/L)=5326/3340, volt(H/L)= 7.0002/ 3.0003
DRV pin=152, data=17/17, code(H/L)=5825/2841, volt(H/L)= 7.9996/ 2.0004

DRV pin=153, data= 1/17, code(H/L)= 869/ 609, volt(H/L)=-1.9933/-2.4986
DRV pin=153, data= 2/17, code(H/L)=1620/ 609, volt(H/L)=-0.4966/-2.4983
DRV pin=153, data= 3/17, code(H/L)=2121/ 609, volt(H/L)= 0.5010/-2.4983
DRV pin=153, data= 4/17, code(H/L)=2621/ 609, volt(H/L)= 1.4985/-2.4978
DRV pin=153, data= 5/17, code(H/L)=3623/ 609, volt(H/L)= 3.4978/-2.4973
DRV pin=153, data= 6/17, code(H/L)=4624/ 609, volt(H/L)= 5.4966/-2.4968
DRV pin=153, data= 7/17, code(H/L)=2121/1861, volt(H/L)= 0.5025/-0.0018
DRV pin=153, data= 8/17, code(H/L)=2872/1861, volt(H/L)= 2.0008/-0.0015
DRV pin=153, data= 9/17, code(H/L)=3372/1861, volt(H/L)= 2.9977/-0.0015
DRV pin=153, data=10/17, code(H/L)=3873/1861, volt(H/L)= 3.9981/-0.0013
DRV pin=153, data=11/17, code(H/L)=4874/1861, volt(H/L)= 5.9962/-0.0008
DRV pin=153, data=12/17, code(H/L)=5875/1861, volt(H/L)= 7.9950/-0.0005
DRV pin=153, data=13/17, code(H/L)=3623/3364, volt(H/L)= 3.5008/ 2.9995
DRV pin=153, data=14/17, code(H/L)=4373/3364, volt(H/L)= 4.9988/ 2.9997
DRV pin=153, data=15/17, code(H/L)=4874/3364, volt(H/L)= 5.9987/ 3.0000
DRV pin=153, data=16/17, code(H/L)=5375/3364, volt(H/L)= 6.9997/ 3.0000
DRV pin=153, data=17/17, code(H/L)=5875/2863, volt(H/L)= 7.9963/ 1.9997
DRV pin=154, data= 1/17, code(H/L)= 854/ 617, volt(H/L)=-1.9937/-2.5004
DRV pin=154, data= 2/17, code(H/L)=1604/ 617, volt(H/L)=-0.4980/-2.5002
DRV pin=154, data= 3/17, code(H/L)=2105/ 617, volt(H/L)= 0.4999/-2.4997
DRV pin=154, data= 4/17, code(H/L)=2605/ 617, volt(H/L)= 1.4994/-2.4994
DRV pin=154, data= 5/17, code(H/L)=3606/ 617, volt(H/L)= 3.4985/-2.4992
DRV pin=154, data= 6/17, code(H/L)=4606/ 617, volt(H/L)= 5.4972/-2.4989
DRV pin=154, data= 7/17, code(H/L)=2105/1870, volt(H/L)= 0.5014/-0.0013
DRV pin=154, data= 8/17, code(H/L)=2855/1870, volt(H/L)= 1.9997/-0.0010
DRV pin=154, data= 9/17, code(H/L)=3355/1870, volt(H/L)= 2.9992/-0.0010
DRV pin=154, data=10/17, code(H/L)=3856/1870, volt(H/L)= 4.0001/-0.0010
DRV pin=154, data=11/17, code(H/L)=4856/1870, volt(H/L)= 5.9987/-0.0005
DRV pin=154, data=12/17, code(H/L)=5857/1870, volt(H/L)= 7.9979/-0.0000
DRV pin=154, data=13/17, code(H/L)=3606/3372, volt(H/L)= 3.5018/ 2.9992
DRV pin=154, data=14/17, code(H/L)=4356/3372, volt(H/L)= 5.0007/ 2.9992
DRV pin=154, data=15/17, code(H/L)=4856/3372, volt(H/L)= 6.0005/ 2.9992
DRV pin=154, data=16/17, code(H/L)=5357/3372, volt(H/L)= 7.0014/ 2.9997
DRV pin=154, data=17/17, code(H/L)=5857/2871, volt(H/L)= 7.9992/ 1.9985
DRV pin=155, data= 1/17, code(H/L)= 845/ 611, volt(H/L)=-1.9953/-2.5004
DRV pin=155, data= 2/17, code(H/L)=1597/ 611, volt(H/L)=-0.4976/-2.4999

DRV pin=155, data= 3/17, code(H/L)=2098/ 611, volt(H/L)= 0.5006/-2.4997
DRV pin=155, data= 4/17, code(H/L)=2599/ 611, volt(H/L)= 1.4992/-2.4994
DRV pin=155, data= 5/17, code(H/L)=3601/ 611, volt(H/L)= 3.4986/-2.4992
DRV pin=155, data= 6/17, code(H/L)=4602/ 611, volt(H/L)= 5.4943/-2.4986
DRV pin=155, data= 7/17, code(H/L)=2098/1866, volt(H/L)= 0.5024/-0.0013
DRV pin=155, data= 8/17, code(H/L)=2849/1866, volt(H/L)= 1.9996/-0.0010
DRV pin=155, data= 9/17, code(H/L)=3350/1866, volt(H/L)= 2.9992/-0.0010
DRV pin=155, data=10/17, code(H/L)=3851/1866, volt(H/L)= 3.9988/-0.0008
DRV pin=155, data=11/17, code(H/L)=4853/1866, volt(H/L)= 5.9967/-0.0003
DRV pin=155, data=12/17, code(H/L)=5855/1866, volt(H/L)= 7.9964/ 0.0005
DRV pin=155, data=13/17, code(H/L)=3601/3371, volt(H/L)= 3.5022/ 2.9995
DRV pin=155, data=14/17, code(H/L)=4352/3371, volt(H/L)= 5.0004/ 3.0000
DRV pin=155, data=15/17, code(H/L)=4853/3371, volt(H/L)= 5.9982/ 3.0000
DRV pin=155, data=16/17, code(H/L)=5354/3371, volt(H/L)= 6.9983/ 3.0003
DRV pin=155, data=17/17, code(H/L)=5855/2869, volt(H/L)= 7.9976/ 1.9996
DRV pin=156, data= 1/17, code(H/L)= 858/ 599, volt(H/L)=-1.9952/-2.5007
DRV pin=156, data= 2/17, code(H/L)=1608/ 599, volt(H/L)=-0.4973/-2.5002
DRV pin=156, data= 3/17, code(H/L)=2108/ 599, volt(H/L)= 0.4990/-2.4999
DRV pin=156, data= 4/17, code(H/L)=2607/ 599, volt(H/L)= 1.4976/-2.4999
DRV pin=156, data= 5/17, code(H/L)=3607/ 599, volt(H/L)= 3.4967/-2.4994
DRV pin=156, data= 6/17, code(H/L)=4607/ 599, volt(H/L)= 5.4954/-2.4989
DRV pin=156, data= 7/17, code(H/L)=2108/1849, volt(H/L)= 0.5008/-0.0028
DRV pin=156, data= 8/17, code(H/L)=2857/1849, volt(H/L)= 1.9989/-0.0026
DRV pin=156, data= 9/17, code(H/L)=3357/1849, volt(H/L)= 2.9990/-0.0023
DRV pin=156, data=10/17, code(H/L)=3857/1849, volt(H/L)= 3.9986/-0.0020
DRV pin=156, data=11/17, code(H/L)=4857/1849, volt(H/L)= 5.9969/-0.0015
DRV pin=156, data=12/17, code(H/L)=5857/1849, volt(H/L)= 7.9969/-0.0010
DRV pin=156, data=13/17, code(H/L)=3607/3349, volt(H/L)= 3.5000/ 2.9987
DRV pin=156, data=14/17, code(H/L)=4357/3349, volt(H/L)= 5.0002/ 2.9990
DRV pin=156, data=15/17, code(H/L)=4857/3349, volt(H/L)= 5.9990/ 2.9990
DRV pin=156, data=16/17, code(H/L)=5357/3349, volt(H/L)= 6.9988/ 2.9992
DRV pin=156, data=17/17, code(H/L)=5857/2849, volt(H/L)= 7.9981/ 1.9991
DRV pin=157, data= 1/17, code(H/L)= 855/ 616, volt(H/L)=-1.9948/-2.5019
DRV pin=157, data= 2/17, code(H/L)=1604/ 616, volt(H/L)=-0.4986/-2.5014
DRV pin=157, data= 3/17, code(H/L)=2104/ 616, volt(H/L)= 0.4999/-2.5011
DRV pin=157, data= 4/17, code(H/L)=2603/ 616, volt(H/L)= 1.4978/-2.5008

DRV pin=157, data= 5/17, code(H/L)=3603/ 616, volt(H/L)= 3.4976/-2.5003
DRV pin=157, data= 6/17, code(H/L)=4602/ 616, volt(H/L)= 5.4971/-2.4998
DRV pin=157, data= 7/17, code(H/L)=2104/1866, volt(H/L)= 0.5014/-0.0030
DRV pin=157, data= 8/17, code(H/L)=2853/1866, volt(H/L)= 1.9985/-0.0028
DRV pin=157, data= 9/17, code(H/L)=3353/1866, volt(H/L)= 2.9992/-0.0023
DRV pin=157, data=10/17, code(H/L)=3853/1866, volt(H/L)= 3.9995/-0.0020
DRV pin=157, data=11/17, code(H/L)=4852/1866, volt(H/L)= 5.9985/-0.0018
DRV pin=157, data=12/17, code(H/L)=5851/1866, volt(H/L)= 7.9982/-0.0010
DRV pin=157, data=13/17, code(H/L)=3603/3366, volt(H/L)= 3.5014/ 2.9977
DRV pin=157, data=14/17, code(H/L)=4352/3366, volt(H/L)= 5.0000/ 2.9982
DRV pin=157, data=15/17, code(H/L)=4852/3366, volt(H/L)= 6.0005/ 2.9982
DRV pin=157, data=16/17, code(H/L)=5352/3366, volt(H/L)= 7.0018/ 2.9985
DRV pin=157, data=17/17, code(H/L)=5851/2866, volt(H/L)= 7.9995/ 1.9990
DRV pin=158, data= 1/17, code(H/L)= 845/ 616, volt(H/L)=-1.9975/-2.5017
DRV pin=158, data= 2/17, code(H/L)=1594/ 616, volt(H/L)=-0.5008/-2.5012
DRV pin=158, data= 3/17, code(H/L)=2094/ 616, volt(H/L)= 0.4980/-2.5009
DRV pin=158, data= 4/17, code(H/L)=2594/ 616, volt(H/L)= 1.4989/-2.5007
DRV pin=158, data= 5/17, code(H/L)=3593/ 616, volt(H/L)= 3.4973/-2.5004
DRV pin=158, data= 6/17, code(H/L)=4592/ 616, volt(H/L)= 5.4953/-2.4997
DRV pin=158, data= 7/17, code(H/L)=2094/1865, volt(H/L)= 0.5000/-0.0025
DRV pin=158, data= 8/17, code(H/L)=2844/1865, volt(H/L)= 2.0007/-0.0023
DRV pin=158, data= 9/17, code(H/L)=3343/1865, volt(H/L)= 2.9985/-0.0023
DRV pin=158, data=10/17, code(H/L)=3843/1865, volt(H/L)= 3.9992/-0.0020
DRV pin=158, data=11/17, code(H/L)=4842/1865, volt(H/L)= 5.9975/-0.0013
DRV pin=158, data=12/17, code(H/L)=5841/1865, volt(H/L)= 7.9958/-0.0010
DRV pin=158, data=13/17, code(H/L)=3593/3364, volt(H/L)= 3.5006/ 2.9990
DRV pin=158, data=14/17, code(H/L)=4342/3364, volt(H/L)= 4.9986/ 2.9995
DRV pin=158, data=15/17, code(H/L)=4842/3364, volt(H/L)= 5.9992/ 2.9992
DRV pin=158, data=16/17, code(H/L)=5342/3364, volt(H/L)= 6.9994/ 2.9997
DRV pin=158, data=17/17, code(H/L)=5841/2864, volt(H/L)= 7.9970/ 1.9994
DRV pin=159, data= 1/17, code(H/L)= 862/ 624, volt(H/L)=-1.9943/-2.4998
DRV pin=159, data= 2/17, code(H/L)=1613/ 624, volt(H/L)=-0.4976/-2.4996
DRV pin=159, data= 3/17, code(H/L)=2114/ 624, volt(H/L)= 0.5006/-2.4991
DRV pin=159, data= 4/17, code(H/L)=2614/ 624, volt(H/L)= 1.4985/-2.4993
DRV pin=159, data= 5/17, code(H/L)=3616/ 624, volt(H/L)= 3.4971/-2.4986
DRV pin=159, data= 6/17, code(H/L)=4617/ 624, volt(H/L)= 5.4958/-2.4981

DRV pin=159, data= 7/17, code(H/L)=2114/1875, volt(H/L)= 0.5016/-0.0020
DRV pin=159, data= 8/17, code(H/L)=2865/1875, volt(H/L)= 2.0006/-0.0018
DRV pin=159, data= 9/17, code(H/L)=3366/1875, volt(H/L)= 2.9997/-0.0015
DRV pin=159, data=10/17, code(H/L)=3866/1875, volt(H/L)= 3.9981/-0.0010
DRV pin=159, data=11/17, code(H/L)=4868/1875, volt(H/L)= 5.9977/-0.0008
DRV pin=159, data=12/17, code(H/L)=5869/1875, volt(H/L)= 7.9961/ 0.0000
DRV pin=159, data=13/17, code(H/L)=3616/3377, volt(H/L)= 3.5009/ 2.9995
DRV pin=159, data=14/17, code(H/L)=4367/3377, volt(H/L)= 4.9999/ 2.9997
DRV pin=159, data=15/17, code(H/L)=4868/3377, volt(H/L)= 5.9997/ 3.0000
DRV pin=159, data=16/17, code(H/L)=5369/3377, volt(H/L)= 7.0008/ 3.0003
DRV pin=159, data=17/17, code(H/L)=5869/2876, volt(H/L)= 7.9974/ 1.9993
DRV pin=160, data= 1/17, code(H/L)= 849/ 589, volt(H/L)=-1.9947/-2.5012
DRV pin=160, data= 2/17, code(H/L)=1599/ 589, volt(H/L)=-0.4978/-2.5012
DRV pin=160, data= 3/17, code(H/L)=2099/ 589, volt(H/L)= 0.4995/-2.5007
DRV pin=160, data= 4/17, code(H/L)=2599/ 589, volt(H/L)= 1.4994/-2.5007
DRV pin=160, data= 5/17, code(H/L)=3599/ 589, volt(H/L)= 3.4973/-2.5004
DRV pin=160, data= 6/17, code(H/L)=4599/ 589, volt(H/L)= 5.4961/-2.4997
DRV pin=160, data= 7/17, code(H/L)=2099/1841, volt(H/L)= 0.5003/-0.0028
DRV pin=160, data= 8/17, code(H/L)=2849/1841, volt(H/L)= 1.9999/-0.0025
DRV pin=160, data= 9/17, code(H/L)=3349/1841, volt(H/L)= 2.9985/-0.0025
DRV pin=160, data=10/17, code(H/L)=3849/1841, volt(H/L)= 3.9985/-0.0025
DRV pin=160, data=11/17, code(H/L)=4849/1841, volt(H/L)= 5.9977/-0.0018
DRV pin=160, data=12/17, code(H/L)=5850/1841, volt(H/L)= 7.9982/-0.0015
DRV pin=160, data=13/17, code(H/L)=3599/3343, volt(H/L)= 3.5004/ 2.9997
DRV pin=160, data=14/17, code(H/L)=4349/3343, volt(H/L)= 5.0000/ 3.0000
DRV pin=160, data=15/17, code(H/L)=4849/3343, volt(H/L)= 5.9995/ 3.0003
DRV pin=160, data=16/17, code(H/L)=5350/3343, volt(H/L)= 7.0010/ 3.0003
DRV pin=160, data=17/17, code(H/L)=5850/2842, volt(H/L)= 7.9997/ 1.9992
DRV pin=161, data= 1/17, code(H/L)= 845/ 611, volt(H/L)=-1.9952/-2.4980
DRV pin=161, data= 2/17, code(H/L)=1593/ 611, volt(H/L)=-0.4985/-2.4972
DRV pin=161, data= 3/17, code(H/L)=2091/ 611, volt(H/L)= 0.4990/-2.4972
DRV pin=161, data= 4/17, code(H/L)=2589/ 611, volt(H/L)= 1.4985/-2.4969
DRV pin=161, data= 5/17, code(H/L)=3586/ 611, volt(H/L)= 3.4967/-2.4969
DRV pin=161, data= 6/17, code(H/L)=4583/ 611, volt(H/L)= 5.4951/-2.4964
DRV pin=161, data= 7/17, code(H/L)=2091/1857, volt(H/L)= 0.5003/-0.0013
DRV pin=161, data= 8/17, code(H/L)=2839/1857, volt(H/L)= 1.9990/-0.0010

DRV pin=161, data= 9/17, code(H/L)=3337/1857, volt(H/L)= 2.9985/-0.0008
DRV pin=161, data=10/17, code(H/L)=3836/1857, volt(H/L)= 4.0006/-0.0005
DRV pin=161, data=11/17, code(H/L)=4833/1857, volt(H/L)= 5.9992/ 0.0000
DRV pin=161, data=12/17, code(H/L)=5829/1857, volt(H/L)= 7.9984/ 0.0005
DRV pin=161, data=13/17, code(H/L)=3586/3352, volt(H/L)= 3.5000/ 2.9982
DRV pin=161, data=14/17, code(H/L)=4334/3352, volt(H/L)= 4.9992/ 2.9985
DRV pin=161, data=15/17, code(H/L)=4833/3352, volt(H/L)= 6.0010/ 2.9987
DRV pin=161, data=16/17, code(H/L)=5331/3352, volt(H/L)= 7.0016/ 2.9990
DRV pin=161, data=17/17, code(H/L)=5829/2853, volt(H/L)= 7.9999/ 1.9990
DRV pin=162, data= 1/17, code(H/L)= 845/ 606, volt(H/L)=-1.9938/-2.4998
DRV pin=162, data= 2/17, code(H/L)=1596/ 606, volt(H/L)=-0.4984/-2.4996
DRV pin=162, data= 3/17, code(H/L)=2097/ 606, volt(H/L)= 0.4989/-2.4993
DRV pin=162, data= 4/17, code(H/L)=2598/ 606, volt(H/L)= 1.4981/-2.4993
DRV pin=162, data= 5/17, code(H/L)=3600/ 606, volt(H/L)= 3.4964/-2.4988
DRV pin=162, data= 6/17, code(H/L)=4602/ 606, volt(H/L)= 5.4985/-2.4986
DRV pin=162, data= 7/17, code(H/L)=2097/1859, volt(H/L)= 0.5004/-0.0025
DRV pin=162, data= 8/17, code(H/L)=2849/1859, volt(H/L)= 2.0003/-0.0023
DRV pin=162, data= 9/17, code(H/L)=3350/1859, volt(H/L)= 2.9992/-0.0023
DRV pin=162, data=10/17, code(H/L)=3851/1859, volt(H/L)= 3.9986/-0.0020
DRV pin=162, data=11/17, code(H/L)=4853/1859, volt(H/L)= 6.0013/-0.0015
DRV pin=162, data=12/17, code(H/L)=5855/1859, volt(H/L)= 8.0001/-0.0013
DRV pin=162, data=13/17, code(H/L)=3600/3364, volt(H/L)= 3.5002/ 2.9995
DRV pin=162, data=14/17, code(H/L)=4352/3364, volt(H/L)= 5.0006/ 2.9997
DRV pin=162, data=15/17, code(H/L)=4853/3364, volt(H/L)= 6.0030/ 2.9997
DRV pin=162, data=16/17, code(H/L)=5354/3364, volt(H/L)= 7.0024/ 2.9997
DRV pin=162, data=17/17, code(H/L)=5855/2862, volt(H/L)= 8.0008/ 1.9985
DRV pin=163, data= 1/17, code(H/L)= 837/ 609, volt(H/L)=-1.9961/-2.5006
DRV pin=163, data= 2/17, code(H/L)=1586/ 609, volt(H/L)=-0.4971/-2.5001
DRV pin=163, data= 3/17, code(H/L)=2085/ 609, volt(H/L)= 0.4998/-2.5001
DRV pin=163, data= 4/17, code(H/L)=2584/ 609, volt(H/L)= 1.4995/-2.4996
DRV pin=163, data= 5/17, code(H/L)=3582/ 609, volt(H/L)= 3.4956/-2.4991
DRV pin=163, data= 6/17, code(H/L)=4581/ 609, volt(H/L)= 5.4955/-2.4988
DRV pin=163, data= 7/17, code(H/L)=2085/1857, volt(H/L)= 0.5016/-0.0020
DRV pin=163, data= 8/17, code(H/L)=2834/1857, volt(H/L)= 2.0014/-0.0018
DRV pin=163, data= 9/17, code(H/L)=3333/1857, volt(H/L)= 2.9997/-0.0018
DRV pin=163, data=10/17, code(H/L)=3832/1857, volt(H/L)= 3.9981/-0.0013

DRV pin=163, data=11/17, code(H/L)=4830/1857, volt(H/L)= 5.9959/-0.0010
DRV pin=163, data=12/17, code(H/L)=5829/1857, volt(H/L)= 7.9963/-0.0005
DRV pin=163, data=13/17, code(H/L)=3582/3356, volt(H/L)= 3.4992/ 2.9990
DRV pin=163, data=14/17, code(H/L)=4331/3356, volt(H/L)= 4.9986/ 2.9995
DRV pin=163, data=15/17, code(H/L)=4830/3356, volt(H/L)= 5.9977/ 2.9995
DRV pin=163, data=16/17, code(H/L)=5330/3356, volt(H/L)= 6.9997/ 3.0000
DRV pin=163, data=17/17, code(H/L)=5829/2856, volt(H/L)= 7.9975/ 1.9986
DRV pin=164, data= 1/17, code(H/L)= 821/ 616, volt(H/L)=-1.9986/-2.5003
DRV pin=164, data= 2/17, code(H/L)=1572/ 616, volt(H/L)=-0.4994/-2.5001
DRV pin=164, data= 3/17, code(H/L)=2072/ 616, volt(H/L)= 0.4975/-2.4998
DRV pin=164, data= 4/17, code(H/L)=2572/ 616, volt(H/L)= 1.4973/-2.4996
DRV pin=164, data= 5/17, code(H/L)=3573/ 616, volt(H/L)= 3.4984/-2.4991
DRV pin=164, data= 6/17, code(H/L)=4574/ 616, volt(H/L)= 5.4980/-2.4988
DRV pin=164, data= 7/17, code(H/L)=2072/1866, volt(H/L)= 0.4993/-0.0028
DRV pin=164, data= 8/17, code(H/L)=2822/1866, volt(H/L)= 1.9986/-0.0023
DRV pin=164, data= 9/17, code(H/L)=3323/1866, volt(H/L)= 3.0008/-0.0020
DRV pin=164, data=10/17, code(H/L)=3823/1866, volt(H/L)= 3.9993/-0.0020
DRV pin=164, data=11/17, code(H/L)=4824/1866, volt(H/L)= 5.9995/-0.0018
DRV pin=164, data=12/17, code(H/L)=5824/1866, volt(H/L)= 7.9992/-0.0010
DRV pin=164, data=13/17, code(H/L)=3573/3366, volt(H/L)= 3.5017/ 2.9977
DRV pin=164, data=14/17, code(H/L)=4323/3366, volt(H/L)= 5.0007/ 2.9982
DRV pin=164, data=15/17, code(H/L)=4824/3366, volt(H/L)= 6.0015/ 2.9982
DRV pin=164, data=16/17, code(H/L)=5324/3366, volt(H/L)= 7.0011/ 2.9985
DRV pin=164, data=17/17, code(H/L)=5824/2866, volt(H/L)= 8.0002/ 1.9994
DRV pin=165, data= 1/17, code(H/L)= 862/ 602, volt(H/L)=-1.9936/-2.4978
DRV pin=165, data= 2/17, code(H/L)=1613/ 602, volt(H/L)=-0.4976/-2.4973
DRV pin=165, data= 3/17, code(H/L)=2113/ 602, volt(H/L)= 0.4992/-2.4970
DRV pin=165, data= 4/17, code(H/L)=2614/ 602, volt(H/L)= 1.4996/-2.4970
DRV pin=165, data= 5/17, code(H/L)=3614/ 602, volt(H/L)= 3.4964/-2.4965
DRV pin=165, data= 6/17, code(H/L)=4615/ 602, volt(H/L)= 5.4955/-2.4960
DRV pin=165, data= 7/17, code(H/L)=2113/1852, volt(H/L)= 0.5010/-0.0023
DRV pin=165, data= 8/17, code(H/L)=2864/1852, volt(H/L)= 2.0003/-0.0018
DRV pin=165, data= 9/17, code(H/L)=3364/1852, volt(H/L)= 2.9982/-0.0015
DRV pin=165, data=10/17, code(H/L)=3865/1852, volt(H/L)= 4.0001/-0.0015
DRV pin=165, data=11/17, code(H/L)=4865/1852, volt(H/L)= 5.9977/-0.0010
DRV pin=165, data=12/17, code(H/L)=5866/1852, volt(H/L)= 7.9951/-0.0005

DRV pin=165, data=13/17, code(H/L)=3614/3353, volt(H/L)= 3.4997/ 2.9982
DRV pin=165, data=14/17, code(H/L)=4365/3353, volt(H/L)= 5.0002/ 2.9985
DRV pin=165, data=15/17, code(H/L)=4865/3353, volt(H/L)= 5.9992/ 2.9987
DRV pin=165, data=16/17, code(H/L)=5366/3353, volt(H/L)= 6.9988/ 2.9987
DRV pin=165, data=17/17, code(H/L)=5866/2853, volt(H/L)= 7.9964/ 2.0003
DRV pin=166, data= 1/17, code(H/L)= 849/ 620, volt(H/L)=-1.9954/-2.4995
DRV pin=166, data= 2/17, code(H/L)=1600/ 620, volt(H/L)=-0.4985/-2.4992
DRV pin=166, data= 3/17, code(H/L)=2100/ 620, volt(H/L)= 0.4975/-2.4992
DRV pin=166, data= 4/17, code(H/L)=2601/ 620, volt(H/L)= 1.4985/-2.4990
DRV pin=166, data= 5/17, code(H/L)=3602/ 620, volt(H/L)= 3.4969/-2.4985
DRV pin=166, data= 6/17, code(H/L)=4603/ 620, volt(H/L)= 5.4975/-2.4980
DRV pin=166, data= 7/17, code(H/L)=2100/1873, volt(H/L)= 0.4992/-0.0018
DRV pin=166, data= 8/17, code(H/L)=2851/1873, volt(H/L)= 1.9987/-0.0015
DRV pin=166, data= 9/17, code(H/L)=3352/1873, volt(H/L)= 2.9997/-0.0015
DRV pin=166, data=10/17, code(H/L)=3852/1873, volt(H/L)= 3.9984/-0.0010
DRV pin=166, data=11/17, code(H/L)=4853/1873, volt(H/L)= 5.9987/-0.0008
DRV pin=166, data=12/17, code(H/L)=5854/1873, volt(H/L)= 7.9978/-0.0000
DRV pin=166, data=13/17, code(H/L)=3602/3376, volt(H/L)= 3.5007/ 3.0005
DRV pin=166, data=14/17, code(H/L)=4353/3376, volt(H/L)= 5.0014/ 3.0008
DRV pin=166, data=15/17, code(H/L)=4853/3376, volt(H/L)= 6.0008/ 3.0008
DRV pin=166, data=16/17, code(H/L)=5354/3376, volt(H/L)= 7.0025/ 3.0010
DRV pin=166, data=17/17, code(H/L)=5854/2875, volt(H/L)= 8.0001/ 2.0005
DRV pin=167, data= 1/17, code(H/L)= 847/ 613, volt(H/L)=-1.9971/-2.5007
DRV pin=167, data= 2/17, code(H/L)=1599/ 613, volt(H/L)=-0.4996/-2.5002
DRV pin=167, data= 3/17, code(H/L)=2101/ 613, volt(H/L)= 0.4998/-2.5002
DRV pin=167, data= 4/17, code(H/L)=2602/ 613, volt(H/L)= 1.4990/-2.4999
DRV pin=167, data= 5/17, code(H/L)=3604/ 613, volt(H/L)= 3.4966/-2.4994
DRV pin=167, data= 6/17, code(H/L)=4607/ 613, volt(H/L)= 5.4986/-2.4989
DRV pin=167, data= 7/17, code(H/L)=2101/1866, volt(H/L)= 0.5013/-0.0023
DRV pin=167, data= 8/17, code(H/L)=2852/1866, volt(H/L)= 1.9986/-0.0020
DRV pin=167, data= 9/17, code(H/L)=3354/1866, volt(H/L)= 2.9997/-0.0018
DRV pin=167, data=10/17, code(H/L)=3855/1866, volt(H/L)= 3.9983/-0.0015
DRV pin=167, data=11/17, code(H/L)=4857/1866, volt(H/L)= 5.9992/-0.0010
DRV pin=167, data=12/17, code(H/L)=5860/1866, volt(H/L)= 7.9989/-0.0005
DRV pin=167, data=13/17, code(H/L)=3604/3369, volt(H/L)= 3.4997/ 2.9980
DRV pin=167, data=14/17, code(H/L)=4356/3369, volt(H/L)= 4.9992/ 2.9982

DRV pin=167, data=15/17, code(H/L)=4857/3369, volt(H/L)= 6.0013/ 2.9985
DRV pin=167, data=16/17, code(H/L)=5359/3369, volt(H/L)= 7.0024/ 2.9987
DRV pin=167, data=17/17, code(H/L)=5860/2868, volt(H/L)= 8.0012/ 1.9988
DRV pin=168, data= 1/17, code(H/L)= 868/ 609, volt(H/L)=-1.9940/-2.4999
DRV pin=168, data= 2/17, code(H/L)=1618/ 609, volt(H/L)=-0.4993/-2.4994
DRV pin=168, data= 3/17, code(H/L)=2119/ 609, volt(H/L)= 0.4989/-2.4994
DRV pin=168, data= 4/17, code(H/L)=2620/ 609, volt(H/L)= 1.4992/-2.4992
DRV pin=168, data= 5/17, code(H/L)=3621/ 609, volt(H/L)= 3.4974/-2.4986
DRV pin=168, data= 6/17, code(H/L)=4622/ 609, volt(H/L)= 5.4958/-2.4981
DRV pin=168, data= 7/17, code(H/L)=2119/1861, volt(H/L)= 0.5002/-0.0010
DRV pin=168, data= 8/17, code(H/L)=2870/1861, volt(H/L)= 1.9999/-0.0010
DRV pin=168, data= 9/17, code(H/L)=3371/1861, volt(H/L)= 3.0000/-0.0008
DRV pin=168, data=10/17, code(H/L)=3871/1861, volt(H/L)= 3.9975/-0.0005
DRV pin=168, data=11/17, code(H/L)=4872/1861, volt(H/L)= 5.9977/ 0.0000
DRV pin=168, data=12/17, code(H/L)=5874/1861, volt(H/L)= 7.9986/ 0.0008
DRV pin=168, data=13/17, code(H/L)=3621/3363, volt(H/L)= 3.5009/ 2.9992
DRV pin=168, data=14/17, code(H/L)=4372/3363, volt(H/L)= 5.0004/ 2.9997
DRV pin=168, data=15/17, code(H/L)=4872/3363, volt(H/L)= 5.9995/ 3.0000
DRV pin=168, data=16/17, code(H/L)=5373/3363, volt(H/L)= 7.0006/ 3.0003
DRV pin=168, data=17/17, code(H/L)=5874/2862, volt(H/L)= 7.9997/ 1.9989
DRV pin=169, data= 1/17, code(H/L)= 845/ 600, volt(H/L)=-1.9942/-2.4991
DRV pin=169, data= 2/17, code(H/L)=1594/ 600, volt(H/L)=-0.4983/-2.4989
DRV pin=169, data= 3/17, code(H/L)=2093/ 600, volt(H/L)= 0.4988/-2.4986
DRV pin=169, data= 4/17, code(H/L)=2593/ 600, volt(H/L)= 1.4999/-2.4986
DRV pin=169, data= 5/17, code(H/L)=3592/ 600, volt(H/L)= 3.5000/-2.4986
DRV pin=169, data= 6/17, code(H/L)=4590/ 600, volt(H/L)= 5.4964/-2.4984
DRV pin=169, data= 7/17, code(H/L)=2093/1849, volt(H/L)= 0.4999/-0.0013
DRV pin=169, data= 8/17, code(H/L)=2842/1849, volt(H/L)= 2.0003/-0.0013
DRV pin=169, data= 9/17, code(H/L)=3342/1849, volt(H/L)= 3.0005/-0.0010
DRV pin=169, data=10/17, code(H/L)=3841/1849, volt(H/L)= 3.9990/-0.0013
DRV pin=169, data=11/17, code(H/L)=4840/1849, volt(H/L)= 5.9977/-0.0010
DRV pin=169, data=12/17, code(H/L)=5839/1849, volt(H/L)= 7.9979/-0.0010
DRV pin=169, data=13/17, code(H/L)=3592/3348, volt(H/L)= 3.5023/ 2.9982
DRV pin=169, data=14/17, code(H/L)=4341/3348, volt(H/L)= 5.0000/ 2.9979
DRV pin=169, data=15/17, code(H/L)=4840/3348, volt(H/L)= 5.9990/ 2.9982
DRV pin=169, data=16/17, code(H/L)=5339/3348, volt(H/L)= 6.9992/ 2.9982

DRV pin=169, data=17/17, code(H/L)=5839/2848, volt(H/L)= 7.9990/ 1.9985
DRV pin=170, data= 1/17, code(H/L)= 828/ 586, volt(H/L)=-1.9960/-2.5009
DRV pin=170, data= 2/17, code(H/L)=1574/ 586, volt(H/L)=-0.4991/-2.5007
DRV pin=170, data= 3/17, code(H/L)=2071/ 586, volt(H/L)= 0.5002/-2.5007
DRV pin=170, data= 4/17, code(H/L)=2569/ 586, volt(H/L)= 1.5009/-2.5004
DRV pin=170, data= 5/17, code(H/L)=3563/ 586, volt(H/L)= 3.4947/-2.5002
DRV pin=170, data= 6/17, code(H/L)=4558/ 586, volt(H/L)= 5.4946/-2.4999
DRV pin=170, data= 7/17, code(H/L)=2071/1831, volt(H/L)= 0.5010/-0.0028
DRV pin=170, data= 8/17, code(H/L)=2817/1831, volt(H/L)= 2.0001/-0.0026
DRV pin=170, data= 9/17, code(H/L)=3315/1831, volt(H/L)= 2.9990/-0.0028
DRV pin=170, data=10/17, code(H/L)=3812/1831, volt(H/L)= 3.9963/-0.0026
DRV pin=170, data=11/17, code(H/L)=4807/1831, volt(H/L)= 5.9967/-0.0023
DRV pin=170, data=12/17, code(H/L)=5802/1831, volt(H/L)= 7.9955/-0.0018
DRV pin=170, data=13/17, code(H/L)=3563/3324, volt(H/L)= 3.4975/ 2.9992
DRV pin=170, data=14/17, code(H/L)=4310/3324, volt(H/L)= 5.0001/ 2.9995
DRV pin=170, data=15/17, code(H/L)=4807/3324, volt(H/L)= 5.9982/ 2.9995
DRV pin=170, data=16/17, code(H/L)=5304/3324, volt(H/L)= 6.9969/ 2.9995
DRV pin=170, data=17/17, code(H/L)=5802/2827, volt(H/L)= 7.9968/ 2.0003
DRV pin=171, data= 1/17, code(H/L)= 845/ 575, volt(H/L)=-1.9950/-2.4998
DRV pin=171, data= 2/17, code(H/L)=1607/ 575, volt(H/L)=-0.4975/-2.4993
DRV pin=171, data= 3/17, code(H/L)=2115/ 575, volt(H/L)= 0.5000/-2.4990
DRV pin=171, data= 4/17, code(H/L)=2623/ 575, volt(H/L)= 1.4985/-2.4985
DRV pin=171, data= 5/17, code(H/L)=3640/ 575, volt(H/L)= 3.4980/-2.4978
DRV pin=171, data= 6/17, code(H/L)=4656/ 575, volt(H/L)= 5.4965/-2.4970
DRV pin=171, data= 7/17, code(H/L)=2115/1843, volt(H/L)= 0.5007/-0.0015
DRV pin=171, data= 8/17, code(H/L)=2877/1843, volt(H/L)= 1.9990/-0.0010
DRV pin=171, data= 9/17, code(H/L)=3385/1843, volt(H/L)= 2.9975/-0.0005
DRV pin=171, data=10/17, code(H/L)=3894/1843, volt(H/L)= 3.9990/-0.0000
DRV pin=171, data=11/17, code(H/L)=4910/1843, volt(H/L)= 5.9972/ 0.0005
DRV pin=171, data=12/17, code(H/L)=5926/1843, volt(H/L)= 7.9955/ 0.0015
DRV pin=171, data=13/17, code(H/L)=3640/3364, volt(H/L)= 3.5005/ 2.9987
DRV pin=171, data=14/17, code(H/L)=4402/3364, volt(H/L)= 4.9997/ 2.9992
DRV pin=171, data=15/17, code(H/L)=4910/3364, volt(H/L)= 5.9987/ 2.9997
DRV pin=171, data=16/17, code(H/L)=5418/3364, volt(H/L)= 6.9985/ 3.0000
DRV pin=171, data=17/17, code(H/L)=5926/2857, volt(H/L)= 7.9967/ 2.0000
DRV pin=174, data= 1/17, code(H/L)= 836/ 595, volt(H/L)=-1.9983/-2.5013

DRV pin=174, data= 2/17, code(H/L)=1598/ 595, volt(H/L)=-0.5003/-2.5010
DRV pin=174, data= 3/17, code(H/L)=2106/ 595, volt(H/L)= 0.4980/-2.5013
DRV pin=174, data= 4/17, code(H/L)=2614/ 595, volt(H/L)= 1.4980/-2.5008
DRV pin=174, data= 5/17, code(H/L)=3630/ 595, volt(H/L)= 3.4962/-2.5008
DRV pin=174, data= 6/17, code(H/L)=4646/ 595, volt(H/L)= 5.4965/-2.5005
DRV pin=174, data= 7/17, code(H/L)=2106/1865, volt(H/L)= 0.4987/-0.0008
DRV pin=174, data= 8/17, code(H/L)=2868/1865, volt(H/L)= 1.9990/-0.0005
DRV pin=174, data= 9/17, code(H/L)=3376/1865, volt(H/L)= 2.9985/-0.0005
DRV pin=174, data=10/17, code(H/L)=3884/1865, volt(H/L)= 3.9978/-0.0003
DRV pin=174, data=11/17, code(H/L)=4900/1865, volt(H/L)= 5.9980/-0.0005
DRV pin=174, data=12/17, code(H/L)=5916/1865, volt(H/L)= 7.9980/ 0.0002
DRV pin=174, data=13/17, code(H/L)=3630/3388, volt(H/L)= 3.4990/ 2.9980
DRV pin=174, data=14/17, code(H/L)=4392/3388, volt(H/L)= 4.9992/ 2.9980
DRV pin=174, data=15/17, code(H/L)=4900/3388, volt(H/L)= 5.9995/ 2.9982
DRV pin=174, data=16/17, code(H/L)=5408/3388, volt(H/L)= 7.0002/ 2.9982
DRV pin=174, data=17/17, code(H/L)=5916/2880, volt(H/L)= 7.9992/ 1.9987
DRV pin=175, data= 1/17, code(H/L)= 840/ 606, volt(H/L)=-1.9951/-2.5011
DRV pin=175, data= 2/17, code(H/L)=1589/ 606, volt(H/L)=-0.4986/-2.5003
DRV pin=175, data= 3/17, code(H/L)=2089/ 606, volt(H/L)= 0.5001/-2.5003
DRV pin=175, data= 4/17, code(H/L)=2588/ 606, volt(H/L)= 1.4988/-2.5001
DRV pin=175, data= 5/17, code(H/L)=3587/ 606, volt(H/L)= 3.4979/-2.4996
DRV pin=175, data= 6/17, code(H/L)=4586/ 606, volt(H/L)= 5.4986/-2.4993
DRV pin=175, data= 7/17, code(H/L)=2089/1855, volt(H/L)= 0.5014/-0.0015
DRV pin=175, data= 8/17, code(H/L)=2838/1855, volt(H/L)= 2.0008/-0.0010
DRV pin=175, data= 9/17, code(H/L)=3337/1855, volt(H/L)= 2.9987/-0.0010
DRV pin=175, data=10/17, code(H/L)=3836/1855, volt(H/L)= 3.9996/-0.0005
DRV pin=175, data=11/17, code(H/L)=4835/1855, volt(H/L)= 5.9990/-0.0000
DRV pin=175, data=12/17, code(H/L)=5834/1855, volt(H/L)= 7.9997/ 0.0005
DRV pin=175, data=13/17, code(H/L)=3587/3353, volt(H/L)= 3.5017/ 2.9982
DRV pin=175, data=14/17, code(H/L)=4336/3353, volt(H/L)= 5.0027/ 2.9985
DRV pin=175, data=15/17, code(H/L)=4835/3353, volt(H/L)= 6.0015/ 2.9987
DRV pin=175, data=16/17, code(H/L)=5335/3353, volt(H/L)= 7.0024/ 2.9990
DRV pin=175, data=17/17, code(H/L)=5834/2854, volt(H/L)= 8.0007/ 2.0003
DRV pin=176, data= 1/17, code(H/L)= 854/ 616, volt(H/L)=-1.9979/-2.5001
DRV pin=176, data= 2/17, code(H/L)=1604/ 616, volt(H/L)=-0.4991/-2.4996
DRV pin=176, data= 3/17, code(H/L)=2104/ 616, volt(H/L)= 0.5003/-2.4993

DRV pin=176, data= 4/17, code(H/L)=2604/ 616, volt(H/L)= 1.5004/-2.4991
DRV pin=176, data= 5/17, code(H/L)=3603/ 616, volt(H/L)= 3.4968/-2.4986
DRV pin=176, data= 6/17, code(H/L)=4603/ 616, volt(H/L)= 5.4965/-2.4980
DRV pin=176, data= 7/17, code(H/L)=2104/1865, volt(H/L)= 0.5016/-0.0000
DRV pin=176, data= 8/17, code(H/L)=2854/1865, volt(H/L)= 2.0012/ 0.0003
DRV pin=176, data= 9/17, code(H/L)=3353/1865, volt(H/L)= 2.9990/-0.0000
DRV pin=176, data=10/17, code(H/L)=3853/1865, volt(H/L)= 3.9982/ 0.0005
DRV pin=176, data=11/17, code(H/L)=4853/1865, volt(H/L)= 5.9977/ 0.0010
DRV pin=176, data=12/17, code(H/L)=5853/1865, volt(H/L)= 7.9985/ 0.0015
DRV pin=176, data=13/17, code(H/L)=3603/3364, volt(H/L)= 3.5004/ 2.9997
DRV pin=176, data=14/17, code(H/L)=4353/3364, volt(H/L)= 5.0005/ 3.0000
DRV pin=176, data=15/17, code(H/L)=4853/3364, volt(H/L)= 5.9995/ 3.0003
DRV pin=176, data=16/17, code(H/L)=5353/3364, volt(H/L)= 7.0000/ 3.0005
DRV pin=176, data=17/17, code(H/L)=5853/2864, volt(H/L)= 7.9997/ 2.0002
DRV pin=177, data= 1/17, code(H/L)= 816/ 584, volt(H/L)=-1.9967/-2.5033
DRV pin=177, data= 2/17, code(H/L)=1567/ 584, volt(H/L)=-0.4990/-2.5031
DRV pin=177, data= 3/17, code(H/L)=2068/ 584, volt(H/L)= 0.4997/-2.5031
DRV pin=177, data= 4/17, code(H/L)=2569/ 584, volt(H/L)= 1.4999/-2.5031
DRV pin=177, data= 5/17, code(H/L)=3571/ 584, volt(H/L)= 3.4991/-2.5028
DRV pin=177, data= 6/17, code(H/L)=4572/ 584, volt(H/L)= 5.4961/-2.5023
DRV pin=177, data= 7/17, code(H/L)=2068/1835, volt(H/L)= 0.5010/-0.0023
DRV pin=177, data= 8/17, code(H/L)=2819/1835, volt(H/L)= 1.9998/-0.0023
DRV pin=177, data= 9/17, code(H/L)=3320/1835, volt(H/L)= 2.9995/-0.0020
DRV pin=177, data=10/17, code(H/L)=3821/1835, volt(H/L)= 3.9989/-0.0020
DRV pin=177, data=11/17, code(H/L)=4823/1835, volt(H/L)= 5.9990/-0.0018
DRV pin=177, data=12/17, code(H/L)=5824/1835, volt(H/L)= 7.9988/-0.0015
DRV pin=177, data=13/17, code(H/L)=3571/3336, volt(H/L)= 3.5019/ 2.9992
DRV pin=177, data=14/17, code(H/L)=4322/3336, volt(H/L)= 5.0006/ 2.9995
DRV pin=177, data=15/17, code(H/L)=4823/3336, volt(H/L)= 6.0008/ 2.9997
DRV pin=177, data=16/17, code(H/L)=5323/3336, volt(H/L)= 6.9997/ 2.9997
DRV pin=177, data=17/17, code(H/L)=5824/2836, volt(H/L)= 8.0001/ 1.9998
DRV pin=179, data= 1/17, code(H/L)= 837/ 598, volt(H/L)=-1.9960/-2.5017
DRV pin=179, data= 2/17, code(H/L)=1589/ 598, volt(H/L)=-0.4978/-2.5017
DRV pin=179, data= 3/17, code(H/L)=2089/ 598, volt(H/L)= 0.4991/-2.5017
DRV pin=179, data= 4/17, code(H/L)=2590/ 598, volt(H/L)= 1.4991/-2.5014
DRV pin=179, data= 5/17, code(H/L)=3592/ 598, volt(H/L)= 3.4992/-2.5014

DRV pin=179, data= 6/17, code(H/L)=4594/ 598, volt(H/L)= 5.4996/-2.5017
DRV pin=179, data= 7/17, code(H/L)=2089/1852, volt(H/L)= 0.5001/-0.0010
DRV pin=179, data= 8/17, code(H/L)=2841/1852, volt(H/L)= 2.0003/-0.0010
DRV pin=179, data= 9/17, code(H/L)=3342/1852, volt(H/L)= 3.0008/-0.0010
DRV pin=179, data=10/17, code(H/L)=3843/1852, volt(H/L)= 4.0006/-0.0010
DRV pin=179, data=11/17, code(H/L)=4844/1852, volt(H/L)= 5.9997/-0.0010
DRV pin=179, data=12/17, code(H/L)=5846/1852, volt(H/L)= 7.9997/-0.0010
DRV pin=179, data=13/17, code(H/L)=3592/3356, volt(H/L)= 3.5014/ 3.0000
DRV pin=179, data=14/17, code(H/L)=4343/3356, volt(H/L)= 5.0004/ 3.0000
DRV pin=179, data=15/17, code(H/L)=4844/3356, volt(H/L)= 6.0010/ 2.9997
DRV pin=179, data=16/17, code(H/L)=5345/3356, volt(H/L)= 7.0016/ 2.9997
DRV pin=179, data=17/17, code(H/L)=5846/2855, volt(H/L)= 8.0004/ 2.0000
DRV pin=180, data= 1/17, code(H/L)= 854/ 612, volt(H/L)=-1.9970/-2.5019
DRV pin=180, data= 2/17, code(H/L)=1604/ 612, volt(H/L)=-0.4996/-2.5017
DRV pin=180, data= 3/17, code(H/L)=2104/ 612, volt(H/L)= 0.4976/-2.5017
DRV pin=180, data= 4/17, code(H/L)=2604/ 612, volt(H/L)= 1.4982/-2.5017
DRV pin=180, data= 5/17, code(H/L)=3605/ 612, volt(H/L)= 3.4985/-2.5012
DRV pin=180, data= 6/17, code(H/L)=4605/ 612, volt(H/L)= 5.4954/-2.5009
DRV pin=180, data= 7/17, code(H/L)=2104/1864, volt(H/L)= 0.4989/-0.0013
DRV pin=180, data= 8/17, code(H/L)=2855/1864, volt(H/L)= 2.0004/-0.0010
DRV pin=180, data= 9/17, code(H/L)=3355/1864, volt(H/L)= 3.0003/-0.0008
DRV pin=180, data=10/17, code(H/L)=3855/1864, volt(H/L)= 3.9987/-0.0005
DRV pin=180, data=11/17, code(H/L)=4855/1864, volt(H/L)= 5.9965/-0.0005
DRV pin=180, data=12/17, code(H/L)=5856/1864, volt(H/L)= 7.9977/-0.0000
DRV pin=180, data=13/17, code(H/L)=3605/3365, volt(H/L)= 3.5010/ 2.9985
DRV pin=180, data=14/17, code(H/L)=4355/3365, volt(H/L)= 5.0000/ 2.9987
DRV pin=180, data=15/17, code(H/L)=4855/3365, volt(H/L)= 5.9982/ 2.9990
DRV pin=180, data=16/17, code(H/L)=5356/3365, volt(H/L)= 6.9997/ 2.9990
DRV pin=180, data=17/17, code(H/L)=5856/2864, volt(H/L)= 7.9987/ 1.9986
DRV pin=181, data= 1/17, code(H/L)= 857/ 585, volt(H/L)=-1.9964/-2.5013
DRV pin=181, data= 2/17, code(H/L)=1607/ 585, volt(H/L)=-0.4995/-2.5010
DRV pin=181, data= 3/17, code(H/L)=2108/ 585, volt(H/L)= 0.5003/-2.5010
DRV pin=181, data= 4/17, code(H/L)=2608/ 585, volt(H/L)= 1.4997/-2.5008
DRV pin=181, data= 5/17, code(H/L)=3608/ 585, volt(H/L)= 3.4977/-2.5003
DRV pin=181, data= 6/17, code(H/L)=4608/ 585, volt(H/L)= 5.4959/-2.4997
DRV pin=181, data= 7/17, code(H/L)=2108/1836, volt(H/L)= 0.5015/-0.0023

DRV pin=181, data= 8/17, code(H/L)=2858/1836, volt(H/L)= 1.9992/-0.0020
DRV pin=181, data= 9/17, code(H/L)=3358/1836, volt(H/L)= 2.9995/-0.0020
DRV pin=181, data=10/17, code(H/L)=3858/1836, volt(H/L)= 3.9992/-0.0015
DRV pin=181, data=11/17, code(H/L)=4858/1836, volt(H/L)= 5.9982/-0.0015
DRV pin=181, data=12/17, code(H/L)=5858/1836, volt(H/L)= 7.9967/-0.0010
DRV pin=181, data=13/17, code(H/L)=3608/3337, volt(H/L)= 3.5008/ 3.0000
DRV pin=181, data=14/17, code(H/L)=4358/3337, volt(H/L)= 4.9992/ 3.0005
DRV pin=181, data=15/17, code(H/L)=4858/3337, volt(H/L)= 6.0000/ 3.0008
DRV pin=181, data=16/17, code(H/L)=5358/3337, volt(H/L)= 6.9990/ 3.0008
DRV pin=181, data=17/17, code(H/L)=5858/2837, volt(H/L)= 7.9977/ 2.0010
DRV pin=182, data= 1/17, code(H/L)= 823/ 597, volt(H/L)=-1.9980/-2.5012
DRV pin=182, data= 2/17, code(H/L)=1568/ 597, volt(H/L)=-0.5001/-2.5007
DRV pin=182, data= 3/17, code(H/L)=2065/ 597, volt(H/L)= 0.4987/-2.5007
DRV pin=182, data= 4/17, code(H/L)=2562/ 597, volt(H/L)= 1.4992/-2.5007
DRV pin=182, data= 5/17, code(H/L)=3556/ 597, volt(H/L)= 3.4985/-2.5004
DRV pin=182, data= 6/17, code(H/L)=4549/ 597, volt(H/L)= 5.4961/-2.4997
DRV pin=182, data= 7/17, code(H/L)=2065/1839, volt(H/L)= 0.4997/-0.0018
DRV pin=182, data= 8/17, code(H/L)=2810/1839, volt(H/L)= 1.9995/-0.0015
DRV pin=182, data= 9/17, code(H/L)=3307/1839, volt(H/L)= 2.9990/-0.0015
DRV pin=182, data=10/17, code(H/L)=3804/1839, volt(H/L)= 3.9990/-0.0013
DRV pin=182, data=11/17, code(H/L)=4798/1839, volt(H/L)= 5.9990/-0.0008
DRV pin=182, data=12/17, code(H/L)=5791/1839, volt(H/L)= 7.9967/-0.0008
DRV pin=182, data=13/17, code(H/L)=3556/3329, volt(H/L)= 3.5013/ 2.9977
DRV pin=182, data=14/17, code(H/L)=4301/3329, volt(H/L)= 4.9997/ 2.9977
DRV pin=182, data=15/17, code(H/L)=4798/3329, volt(H/L)= 6.0008/ 2.9977
DRV pin=182, data=16/17, code(H/L)=5294/3329, volt(H/L)= 6.9985/ 2.9977
DRV pin=182, data=17/17, code(H/L)=5791/2832, volt(H/L)= 7.9977/ 1.9979
DRV pin=183, data= 1/17, code(H/L)= 843/ 596, volt(H/L)=-1.9963/-2.4988
DRV pin=183, data= 2/17, code(H/L)=1592/ 596, volt(H/L)=-0.4994/-2.4986
DRV pin=183, data= 3/17, code(H/L)=2092/ 596, volt(H/L)= 0.4996/-2.4986
DRV pin=183, data= 4/17, code(H/L)=2591/ 596, volt(H/L)= 1.4987/-2.4986
DRV pin=183, data= 5/17, code(H/L)=3590/ 596, volt(H/L)= 3.4981/-2.4988
DRV pin=183, data= 6/17, code(H/L)=4589/ 596, volt(H/L)= 5.4960/-2.4986
DRV pin=183, data= 7/17, code(H/L)=2092/1847, volt(H/L)= 0.5006/-0.0010
DRV pin=183, data= 8/17, code(H/L)=2841/1847, volt(H/L)= 2.0003/-0.0010
DRV pin=183, data= 9/17, code(H/L)=3341/1847, volt(H/L)= 3.0010/-0.0013

DRV pin=183, data=10/17, code(H/L)=3840/1847, volt(H/L)= 3.9996/-0.0013
DRV pin=183, data=11/17, code(H/L)=4839/1847, volt(H/L)= 5.9977/-0.0010
DRV pin=183, data=12/17, code(H/L)=5838/1847, volt(H/L)= 7.9969/-0.0010
DRV pin=183, data=13/17, code(H/L)=3590/3348, volt(H/L)= 3.5007/ 2.9982
DRV pin=183, data=14/17, code(H/L)=4340/3348, volt(H/L)= 5.0004/ 2.9980
DRV pin=183, data=15/17, code(H/L)=4839/3348, volt(H/L)= 5.9992/ 2.9980
DRV pin=183, data=16/17, code(H/L)=5339/3348, volt(H/L)= 7.0003/ 2.9982
DRV pin=183, data=17/17, code(H/L)=5838/2848, volt(H/L)= 7.9979/ 1.9991
DRV pin=184, data= 1/17, code(H/L)= 853/ 611, volt(H/L)=-1.9941/-2.4995
DRV pin=184, data= 2/17, code(H/L)=1600/ 611, volt(H/L)=-0.4985/-2.4992
DRV pin=184, data= 3/17, code(H/L)=2098/ 611, volt(H/L)= 0.4992/-2.4992
DRV pin=184, data= 4/17, code(H/L)=2596/ 611, volt(H/L)= 1.4982/-2.4990
DRV pin=184, data= 5/17, code(H/L)=3593/ 611, volt(H/L)= 3.4983/-2.4985
DRV pin=184, data= 6/17, code(H/L)=4589/ 611, volt(H/L)= 5.4964/-2.4982
DRV pin=184, data= 7/17, code(H/L)=2098/1858, volt(H/L)= 0.5005/-0.0010
DRV pin=184, data= 8/17, code(H/L)=2846/1858, volt(H/L)= 2.0010/-0.0008
DRV pin=184, data= 9/17, code(H/L)=3344/1858, volt(H/L)= 3.0003/-0.0005
DRV pin=184, data=10/17, code(H/L)=3842/1858, volt(H/L)= 3.9988/-0.0003
DRV pin=184, data=11/17, code(H/L)=4838/1858, volt(H/L)= 5.9977/-0.0003
DRV pin=184, data=12/17, code(H/L)=5835/1858, volt(H/L)= 7.9989/ 0.0003
DRV pin=184, data=13/17, code(H/L)=3593/3355, volt(H/L)= 3.5008/ 3.0010
DRV pin=184, data=14/17, code(H/L)=4340/3355, volt(H/L)= 5.0002/ 3.0013
DRV pin=184, data=15/17, code(H/L)=4838/3355, volt(H/L)= 5.9990/ 3.0013
DRV pin=184, data=16/17, code(H/L)=5337/3355, volt(H/L)= 7.0009/ 3.0018
DRV pin=184, data=17/17, code(H/L)=5835/2856, volt(H/L)= 7.9999/ 2.0005
VCM pin= 1, data=1/2, code= 960, volt=-1.8414
VCM pin= 1, data=2/2, code=5759, volt= 7.1634
VCM pin= 2, data=1/2, code= 960, volt=-1.8757
VCM pin= 2, data=2/2, code=5759, volt= 7.0838
VCM pin= 3, data=1/2, code= 960, volt=-1.8600
VCM pin= 3, data=2/2, code=5759, volt= 7.1053
VCM pin= 4, data=1/2, code= 960, volt=-1.9114
VCM pin= 4, data=2/2, code=5759, volt= 7.0792
VCM pin= 5, data=1/2, code= 960, volt=-1.8810
VCM pin= 5, data=2/2, code=5759, volt= 7.1064
VCM pin= 6, data=1/2, code= 960, volt=-1.8656

VCM pin= 6, data=2/2, code=5759, volt= 7.1265
VCM pin= 7, data=1/2, code= 960, volt=-1.8807
VCM pin= 7, data=2/2, code=5759, volt= 7.1173
VCM pin= 8, data=1/2, code= 960, volt=-1.8964
VCM pin= 8, data=2/2, code=5759, volt= 7.0758
VCM pin= 9, data=1/2, code= 960, volt=-1.8064
VCM pin= 9, data=2/2, code=5759, volt= 7.1844
VCM pin= 10, data=1/2, code= 960, volt=-1.8899
VCM pin= 10, data=2/2, code=5759, volt= 7.0849
VCM pin= 11, data=1/2, code= 960, volt=-1.8575
VCM pin= 11, data=2/2, code=5759, volt= 7.1359
VCM pin= 12, data=1/2, code= 960, volt=-1.8852
VCM pin= 12, data=2/2, code=5759, volt= 7.1087
VCM pin= 13, data=1/2, code= 960, volt=-1.8489
VCM pin= 13, data=2/2, code=5759, volt= 7.1614
VCM pin= 14, data=1/2, code= 960, volt=-1.8648
VCM pin= 14, data=2/2, code=5759, volt= 7.1445
VCM pin= 15, data=1/2, code= 960, volt=-1.8606
VCM pin= 15, data=2/2, code=5759, volt= 7.1343
VCM pin= 16, data=1/2, code= 960, volt=-1.8909
VCM pin= 16, data=2/2, code=5759, volt= 7.0831
VCM pin= 17, data=1/2, code= 960, volt=-1.8929
VCM pin= 17, data=2/2, code=5759, volt= 7.1209
VCM pin= 18, data=1/2, code= 960, volt=-1.8812
VCM pin= 18, data=2/2, code=5759, volt= 7.1027
VCM pin= 19, data=1/2, code= 960, volt=-1.8758
VCM pin= 19, data=2/2, code=5759, volt= 7.1035
VCM pin= 20, data=1/2, code= 960, volt=-1.8975
VCM pin= 20, data=2/2, code=5759, volt= 7.0779
VCM pin= 21, data=1/2, code= 960, volt=-1.8714
VCM pin= 21, data=2/2, code=5759, volt= 7.1467
VCM pin= 22, data=1/2, code= 960, volt=-1.9040
VCM pin= 22, data=2/2, code=5759, volt= 7.0747
VCM pin= 23, data=1/2, code= 960, volt=-1.8462
VCM pin= 23, data=2/2, code=5759, volt= 7.1326
VCM pin= 24, data=1/2, code= 960, volt=-1.9008

VCM pin= 24, data=2/2, code=5759, volt= 7.0999
VCM pin= 25, data=1/2, code= 960, volt=-1.8129
VCM pin= 25, data=2/2, code=5759, volt= 7.1685
VCM pin= 26, data=1/2, code= 960, volt=-1.8707
VCM pin= 26, data=2/2, code=5759, volt= 7.1277
VCM pin= 27, data=1/2, code= 960, volt=-1.8504
VCM pin= 27, data=2/2, code=5759, volt= 7.1373
VCM pin= 28, data=1/2, code= 960, volt=-1.8836
VCM pin= 28, data=2/2, code=5759, volt= 7.1030
VCM pin= 29, data=1/2, code= 960, volt=-1.8671
VCM pin= 29, data=2/2, code=5759, volt= 7.1042
VCM pin= 30, data=1/2, code= 960, volt=-1.8575
VCM pin= 30, data=2/2, code=5759, volt= 7.1107
VCM pin= 31, data=1/2, code= 960, volt=-1.8353
VCM pin= 31, data=2/2, code=5759, volt= 7.1591
VCM pin= 32, data=1/2, code= 960, volt=-1.8222
VCM pin= 32, data=2/2, code=5759, volt= 7.1857
VCM pin= 33, data=1/2, code= 960, volt=-1.8398
VCM pin= 33, data=2/2, code=5759, volt= 7.1427
VCM pin= 34, data=1/2, code= 960, volt=-1.8898
VCM pin= 34, data=2/2, code=5759, volt= 7.0974
VCM pin= 35, data=1/2, code= 960, volt=-1.8341
VCM pin= 35, data=2/2, code=5759, volt= 7.1347
VCM pin= 36, data=1/2, code= 960, volt=-1.8958
VCM pin= 36, data=2/2, code=5759, volt= 7.0934
VCM pin= 37, data=1/2, code= 960, volt=-1.8829
VCM pin= 37, data=2/2, code=5759, volt= 7.1046
VCM pin= 38, data=1/2, code= 960, volt=-1.8645
VCM pin= 38, data=2/2, code=5759, volt= 7.1463
VCM pin= 39, data=1/2, code= 960, volt=-1.8718
VCM pin= 39, data=2/2, code=5759, volt= 7.1029
VCM pin= 40, data=1/2, code= 960, volt=-1.8997
VCM pin= 40, data=2/2, code=5759, volt= 7.1042
VCM pin= 41, data=1/2, code= 960, volt=-1.8739
VCM pin= 41, data=2/2, code=5759, volt= 7.0980
VCM pin= 42, data=1/2, code= 960, volt=-1.8780

VCM pin= 42, data=2/2, code=5759, volt= 7.0727
VCM pin= 43, data=1/2, code= 960, volt=-1.8795
VCM pin= 43, data=2/2, code=5759, volt= 7.1027
VCM pin= 44, data=1/2, code= 960, volt=-1.8785
VCM pin= 44, data=2/2, code=5759, volt= 7.1059
VCM pin= 45, data=1/2, code= 960, volt=-1.8713
VCM pin= 45, data=2/2, code=5759, volt= 7.0853
VCM pin= 46, data=1/2, code= 960, volt=-1.9152
VCM pin= 46, data=2/2, code=5759, volt= 7.0611
VCM pin= 47, data=1/2, code= 960, volt=-1.8591
VCM pin= 47, data=2/2, code=5759, volt= 7.1176
VCM pin= 48, data=1/2, code= 960, volt=-1.8679
VCM pin= 48, data=2/2, code=5759, volt= 7.1336
VCM pin= 49, data=1/2, code= 960, volt=-1.8797
VCM pin= 49, data=2/2, code=5759, volt= 7.1032
VCM pin= 50, data=1/2, code= 960, volt=-1.8873
VCM pin= 50, data=2/2, code=5759, volt= 7.0937
VCM pin= 51, data=1/2, code= 960, volt=-1.8395
VCM pin= 51, data=2/2, code=5759, volt= 7.1643
VCM pin= 52, data=1/2, code= 960, volt=-1.8751
VCM pin= 52, data=2/2, code=5759, volt= 7.1064
VCM pin= 53, data=1/2, code= 960, volt=-1.8801
VCM pin= 53, data=2/2, code=5759, volt= 7.0934
VCM pin= 54, data=1/2, code= 960, volt=-1.8709
VCM pin= 54, data=2/2, code=5759, volt= 7.1392
VCM pin= 55, data=1/2, code= 960, volt=-1.8477
VCM pin= 55, data=2/2, code=5759, volt= 7.1289
VCM pin= 56, data=1/2, code= 960, volt=-1.9120
VCM pin= 56, data=2/2, code=5759, volt= 7.0441
VCM pin=129, data=1/2, code= 960, volt=-1.8219
VCM pin=129, data=2/2, code=5759, volt= 7.1658
VCM pin=130, data=1/2, code= 960, volt=-1.8911
VCM pin=130, data=2/2, code=5759, volt= 7.0980
VCM pin=131, data=1/2, code= 960, volt=-1.8370
VCM pin=131, data=2/2, code=5759, volt= 7.1496
VCM pin=132, data=1/2, code= 960, volt=-1.9052

VCM pin=132, data=2/2, code=5759, volt= 7.0688
VCM pin=133, data=1/2, code= 960, volt=-1.8816
VCM pin=133, data=2/2, code=5759, volt= 7.0913
VCM pin=134, data=1/2, code= 960, volt=-1.9089
VCM pin=134, data=2/2, code=5759, volt= 7.0956
VCM pin=135, data=1/2, code= 960, volt=-1.8436
VCM pin=135, data=2/2, code=5759, volt= 7.1541
VCM pin=136, data=1/2, code= 960, volt=-1.9198
VCM pin=136, data=2/2, code=5759, volt= 7.0492
VCM pin=137, data=1/2, code= 960, volt=-1.8960
VCM pin=137, data=2/2, code=5759, volt= 7.0662
VCM pin=138, data=1/2, code= 960, volt=-1.9037
VCM pin=138, data=2/2, code=5759, volt= 7.0726
VCM pin=139, data=1/2, code= 960, volt=-1.8464
VCM pin=139, data=2/2, code=5759, volt= 7.1339
VCM pin=140, data=1/2, code= 960, volt=-1.8777
VCM pin=140, data=2/2, code=5759, volt= 7.1042
VCM pin=141, data=1/2, code= 960, volt=-1.8732
VCM pin=141, data=2/2, code=5759, volt= 7.1412
VCM pin=142, data=1/2, code= 960, volt=-1.9281
VCM pin=142, data=2/2, code=5759, volt= 7.0715
VCM pin=143, data=1/2, code= 960, volt=-1.8490
VCM pin=143, data=2/2, code=5759, volt= 7.1528
VCM pin=144, data=1/2, code= 960, volt=-1.9112
VCM pin=144, data=2/2, code=5759, volt= 7.0808
VCM pin=145, data=1/2, code= 960, volt=-1.8500
VCM pin=145, data=2/2, code=5759, volt= 7.1109
VCM pin=146, data=1/2, code= 960, volt=-1.8599
VCM pin=146, data=2/2, code=5759, volt= 7.1341
VCM pin=147, data=1/2, code= 960, volt=-1.8737
VCM pin=147, data=2/2, code=5759, volt= 7.1189
VCM pin=148, data=1/2, code= 960, volt=-1.8538
VCM pin=148, data=2/2, code=5759, volt= 7.1470
VCM pin=149, data=1/2, code= 960, volt=-1.8748
VCM pin=149, data=2/2, code=5759, volt= 7.1252
VCM pin=150, data=1/2, code= 960, volt=-1.8700

VCM pin=150, data=2/2, code=5759, volt= 7.1331
VCM pin=151, data=1/2, code= 960, volt=-1.8839
VCM pin=151, data=2/2, code=5759, volt= 7.1096
VCM pin=152, data=1/2, code= 960, volt=-1.8629
VCM pin=152, data=2/2, code=5759, volt= 7.1193
VCM pin=153, data=1/2, code= 960, volt=-1.8651
VCM pin=153, data=2/2, code=5759, volt= 7.0978
VCM pin=154, data=1/2, code= 960, volt=-1.9255
VCM pin=154, data=2/2, code=5759, volt= 7.0363
VCM pin=155, data=1/2, code= 960, volt=-1.8701
VCM pin=155, data=2/2, code=5759, volt= 7.0787
VCM pin=156, data=1/2, code= 960, volt=-1.8554
VCM pin=156, data=2/2, code=5759, volt= 7.1223
VCM pin=157, data=1/2, code= 960, volt=-1.8673
VCM pin=157, data=2/2, code=5759, volt= 7.1045
VCM pin=158, data=1/2, code= 960, volt=-1.8851
VCM pin=158, data=2/2, code=5759, volt= 7.0945
VCM pin=159, data=1/2, code= 960, volt=-1.8361
VCM pin=159, data=2/2, code=5759, volt= 7.1230
VCM pin=160, data=1/2, code= 960, volt=-1.8999
VCM pin=160, data=2/2, code=5759, volt= 7.0660
VCM pin=161, data=1/2, code= 960, volt=-1.8654
VCM pin=161, data=2/2, code=5759, volt= 7.1230
VCM pin=162, data=1/2, code= 960, volt=-1.8905
VCM pin=162, data=2/2, code=5759, volt= 7.0625
VCM pin=163, data=1/2, code= 960, volt=-1.8437
VCM pin=163, data=2/2, code=5759, volt= 7.1375
VCM pin=164, data=1/2, code= 960, volt=-1.9075
VCM pin=164, data=2/2, code=5759, volt= 7.0651
VCM pin=165, data=1/2, code= 960, volt=-1.9077
VCM pin=165, data=2/2, code=5759, volt= 7.0485
VCM pin=166, data=1/2, code= 960, volt=-1.8907
VCM pin=166, data=2/2, code=5759, volt= 7.0749
VCM pin=167, data=1/2, code= 960, volt=-1.8603
VCM pin=167, data=2/2, code=5759, volt= 7.0850
VCM pin=168, data=1/2, code= 960, volt=-1.9086

VCM pin=168, data=2/2, code=5759, volt= 7.0550
VCM pin=169, data=1/2, code= 960, volt=-1.8253
VCM pin=169, data=2/2, code=5759, volt= 7.1593
VCM pin=170, data=1/2, code= 960, volt=-1.8417
VCM pin=170, data=2/2, code=5759, volt= 7.1662
F VCM pin=171, data=1/2, code= 960, volt= 1.8285, Llim=-2.5160, Ulim=-1.4820
F VCM pin=171, data=2/2, code=5759, volt= 2.0800, Llim= 5.8990, Ulim= 8.1210
VCM pin=172, data=1/2, code= 960, volt=-1.8809
VCM pin=172, data=2/2, code=5759, volt= 7.0699
VCM pin=173, data=1/2, code= 960, volt=-1.8275
VCM pin=173, data=2/2, code=5759, volt= 7.1773
F VCM pin=174, data=1/2, code= 960, volt= 1.8805, Llim=-2.5160, Ulim=-1.4820
F VCM pin=174, data=2/2, code=5759, volt= 2.0173, Llim= 5.8990, Ulim= 8.1210
VCM pin=175, data=1/2, code= 960, volt=-1.8992
VCM pin=175, data=2/2, code=5759, volt= 7.0742
VCM pin=176, data=1/2, code= 960, volt=-1.8910
VCM pin=176, data=2/2, code=5759, volt= 7.0772
VCM pin=177, data=1/2, code= 960, volt=-1.8031
VCM pin=177, data=2/2, code=5759, volt= 7.1582
VCM pin=178, data=1/2, code= 960, volt=-1.8786
VCM pin=178, data=2/2, code=5759, volt= 7.1074
VCM pin=179, data=1/2, code= 960, volt=-1.8579
VCM pin=179, data=2/2, code=5759, volt= 7.1049
VCM pin=180, data=1/2, code= 960, volt=-1.8884
VCM pin=180, data=2/2, code=5759, volt= 7.0732
VCM pin=181, data=1/2, code= 960, volt=-1.8463
VCM pin=181, data=2/2, code=5759, volt= 7.1337
VCM pin=182, data=1/2, code= 960, volt=-1.7999
VCM pin=182, data=2/2, code=5759, volt= 7.2271
VCM pin=183, data=1/2, code= 960, volt=-1.8569
VCM pin=183, data=2/2, code=5759, volt= 7.1253
VCM pin=184, data=1/2, code= 960, volt=-1.8478
VCM pin=184, data=2/2, code=5759, volt= 7.1559
CMP_H pin= 1, data=1/3, code= 666, volt=-2.5003
CMP_L pin= 1, data=1/3, code= 667, volt=-2.5003
CMP_H pin= 1, data=2/3, code=1909, volt=-0.0003

CMP_L pin= 1, data=2/3, code=1907, volt=-0.0003
CMP_H pin= 1, data=3/3, code=3549, volt= 3.2982
CMP_L pin= 1, data=3/3, code=3547, volt= 3.2982
CMP_H pin= 2, data=1/3, code= 694, volt=-2.4997
CMP_L pin= 2, data=1/3, code= 681, volt=-2.4997
CMP_H pin= 2, data=2/3, code=1938, volt=-0.0010
CMP_L pin= 2, data=2/3, code=1923, volt=-0.0010
CMP_H pin= 2, data=3/3, code=3584, volt= 3.2972
CMP_L pin= 2, data=3/3, code=3567, volt= 3.2972
CMP_H pin= 3, data=1/3, code= 669, volt=-2.5008
CMP_L pin= 3, data=1/3, code= 670, volt=-2.5008
CMP_H pin= 3, data=2/3, code=1917, volt= 0.0000
CMP_L pin= 3, data=2/3, code=1915, volt= 0.0000
CMP_H pin= 3, data=3/3, code=3563, volt= 3.2982
CMP_L pin= 3, data=3/3, code=3560, volt= 3.2982
CMP_H pin= 4, data=1/3, code= 678, volt=-2.5018
CMP_L pin= 4, data=1/3, code= 671, volt=-2.5018
CMP_H pin= 4, data=2/3, code=1925, volt=-0.0010
CMP_L pin= 4, data=2/3, code=1914, volt=-0.0010
CMP_H pin= 4, data=3/3, code=3569, volt= 3.2988
CMP_L pin= 4, data=3/3, code=3555, volt= 3.2988
CMP_H pin= 5, data=1/3, code= 692, volt=-2.5018
CMP_L pin= 5, data=1/3, code= 670, volt=-2.5018
CMP_H pin= 5, data=2/3, code=1934, volt=-0.0018
CMP_L pin= 5, data=2/3, code=1911, volt=-0.0018
CMP_H pin= 5, data=3/3, code=3575, volt= 3.3005
CMP_L pin= 5, data=3/3, code=3551, volt= 3.3005
CMP_H pin= 6, data=1/3, code= 661, volt=-2.5014
CMP_L pin= 6, data=1/3, code= 671, volt=-2.5014
CMP_H pin= 6, data=2/3, code=1906, volt=-0.0015
CMP_L pin= 6, data=2/3, code=1913, volt=-0.0015
CMP_H pin= 6, data=3/3, code=3549, volt= 3.2997
CMP_L pin= 6, data=3/3, code=3554, volt= 3.2997
CMP_H pin= 7, data=1/3, code= 677, volt=-2.5016
CMP_L pin= 7, data=1/3, code= 685, volt=-2.5016
CMP_H pin= 7, data=2/3, code=1921, volt= 0.0003

CMP_L pin= 7, data=2/3, code=1924, volt= 0.0003
CMP_H pin= 7, data=3/3, code=3563, volt= 3.3001
CMP_L pin= 7, data=3/3, code=3564, volt= 3.3001
CMP_H pin= 8, data=1/3, code= 678, volt=-2.5009
CMP_L pin= 8, data=1/3, code= 670, volt=-2.5009
CMP_H pin= 8, data=2/3, code=1924, volt=-0.0010
CMP_L pin= 8, data=2/3, code=1911, volt=-0.0010
CMP_H pin= 8, data=3/3, code=3568, volt= 3.2987
CMP_L pin= 8, data=3/3, code=3548, volt= 3.2987
CMP_H pin= 9, data=1/3, code= 639, volt=-2.5015
CMP_L pin= 9, data=1/3, code= 615, volt=-2.5015
CMP_H pin= 9, data=2/3, code=1879, volt=-0.0013
CMP_L pin= 9, data=2/3, code=1857, volt=-0.0013
CMP_H pin= 9, data=3/3, code=3517, volt= 3.2978
CMP_L pin= 9, data=3/3, code=3493, volt= 3.2978
CMP_H pin= 10, data=1/3, code= 641, volt=-2.5003
CMP_L pin= 10, data=1/3, code= 633, volt=-2.5003
CMP_H pin= 10, data=2/3, code=1883, volt=-0.0020
CMP_L pin= 10, data=2/3, code=1874, volt=-0.0020
CMP_H pin= 10, data=3/3, code=3528, volt= 3.2987
CMP_L pin= 10, data=3/3, code=3516, volt= 3.2987
CMP_H pin= 11, data=1/3, code= 659, volt=-2.5001
CMP_L pin= 11, data=1/3, code= 639, volt=-2.5001
CMP_H pin= 11, data=2/3, code=1902, volt=-0.0003
CMP_L pin= 11, data=2/3, code=1879, volt=-0.0003
CMP_H pin= 11, data=3/3, code=3541, volt= 3.2979
CMP_L pin= 11, data=3/3, code=3516, volt= 3.2979
CMP_H pin= 12, data=1/3, code= 665, volt=-2.5004
CMP_L pin= 12, data=1/3, code= 640, volt=-2.5004
CMP_H pin= 12, data=2/3, code=1906, volt=-0.0010
CMP_L pin= 12, data=2/3, code=1880, volt=-0.0010
CMP_H pin= 12, data=3/3, code=3545, volt= 3.2983
CMP_L pin= 12, data=3/3, code=3517, volt= 3.2983
CMP_H pin= 13, data=1/3, code= 626, volt=-2.5016
CMP_L pin= 13, data=1/3, code= 640, volt=-2.5016
CMP_H pin= 13, data=2/3, code=1867, volt= 0.0000

CMP_L pin= 13, data=2/3, code=1878, volt= 0.0000
CMP_H pin= 13, data=3/3, code=3502, volt= 3.2977
CMP_L pin= 13, data=3/3, code=3508, volt= 3.2977
CMP_H pin= 14, data=1/3, code= 647, volt=-2.5011
CMP_L pin= 14, data=1/3, code= 632, volt=-2.5011
CMP_H pin= 14, data=2/3, code=1884, volt=-0.0003
CMP_L pin= 14, data=2/3, code=1869, volt=-0.0003
CMP_H pin= 14, data=3/3, code=3519, volt= 3.2990
CMP_L pin= 14, data=3/3, code=3504, volt= 3.2990
CMP_H pin= 15, data=1/3, code= 663, volt=-2.5020
CMP_L pin= 15, data=1/3, code= 626, volt=-2.5020
CMP_H pin= 15, data=2/3, code=1904, volt=-0.0003
CMP_L pin= 15, data=2/3, code=1866, volt=-0.0003
CMP_H pin= 15, data=3/3, code=3541, volt= 3.2993
CMP_L pin= 15, data=3/3, code=3502, volt= 3.2993
CMP_H pin= 16, data=1/3, code= 645, volt=-2.5002
CMP_L pin= 16, data=1/3, code= 637, volt=-2.5002
CMP_H pin= 16, data=2/3, code=1885, volt=-0.0000
CMP_L pin= 16, data=2/3, code=1880, volt=-0.0000
CMP_H pin= 16, data=3/3, code=3519, volt= 3.2985
CMP_L pin= 16, data=3/3, code=3518, volt= 3.2985
CMP_H pin= 17, data=1/3, code= 675, volt=-2.5016
CMP_L pin= 17, data=1/3, code= 670, volt=-2.5016
CMP_H pin= 17, data=2/3, code=1915, volt=-0.0010
CMP_L pin= 17, data=2/3, code=1906, volt=-0.0010
CMP_H pin= 17, data=3/3, code=3551, volt= 3.2989
CMP_L pin= 17, data=3/3, code=3535, volt= 3.2989
CMP_H pin= 18, data=1/3, code= 682, volt=-2.5014
CMP_L pin= 18, data=1/3, code= 663, volt=-2.5014
CMP_H pin= 18, data=2/3, code=1927, volt=-0.0008
CMP_L pin= 18, data=2/3, code=1906, volt=-0.0008
CMP_H pin= 18, data=3/3, code=3568, volt= 3.2989
CMP_L pin= 18, data=3/3, code=3545, volt= 3.2989
CMP_H pin= 19, data=1/3, code= 691, volt=-2.5017
CMP_L pin= 19, data=1/3, code= 659, volt=-2.5017
CMP_H pin= 19, data=2/3, code=1932, volt=-0.0008

CMP_L pin= 19, data=2/3, code=1898, volt=-0.0008
CMP_H pin= 19, data=3/3, code=3570, volt= 3.2993
CMP_L pin= 19, data=3/3, code=3534, volt= 3.2993
CMP_H pin= 20, data=1/3, code= 665, volt=-2.5010
CMP_L pin= 20, data=1/3, code= 648, volt=-2.5010
CMP_H pin= 20, data=2/3, code=1906, volt=-0.0013
CMP_L pin= 20, data=2/3, code=1890, volt=-0.0013
CMP_H pin= 20, data=3/3, code=3545, volt= 3.2977
CMP_L pin= 20, data=3/3, code=3529, volt= 3.2977
CMP_H pin= 21, data=1/3, code= 674, volt=-2.5003
CMP_L pin= 21, data=1/3, code= 651, volt=-2.5003
CMP_H pin= 21, data=2/3, code=1912, volt=-0.0000
CMP_L pin= 21, data=2/3, code=1889, volt=-0.0000
CMP_H pin= 21, data=3/3, code=3546, volt= 3.2966
CMP_L pin= 21, data=3/3, code=3522, volt= 3.2966
CMP_H pin= 22, data=1/3, code= 669, volt=-2.5010
CMP_L pin= 22, data=1/3, code= 646, volt=-2.5010
CMP_H pin= 22, data=2/3, code=1910, volt=-0.0003
CMP_L pin= 22, data=2/3, code=1886, volt=-0.0003
CMP_H pin= 22, data=3/3, code=3549, volt= 3.2988
CMP_L pin= 22, data=3/3, code=3523, volt= 3.2988
CMP_H pin= 23, data=1/3, code= 667, volt=-2.4998
CMP_L pin= 23, data=1/3, code= 663, volt=-2.4998
CMP_H pin= 23, data=2/3, code=1906, volt=-0.0018
CMP_L pin= 23, data=2/3, code=1902, volt=-0.0018
CMP_H pin= 23, data=3/3, code=3548, volt= 3.2995
CMP_L pin= 23, data=3/3, code=3541, volt= 3.2995
CMP_H pin= 24, data=1/3, code= 647, volt=-2.5012
CMP_L pin= 24, data=1/3, code= 653, volt=-2.5012
CMP_H pin= 24, data=2/3, code=1887, volt=-0.0010
CMP_L pin= 24, data=2/3, code=1892, volt=-0.0010
CMP_H pin= 24, data=3/3, code=3520, volt= 3.2988
CMP_L pin= 24, data=3/3, code=3521, volt= 3.2988
CMP_H pin= 25, data=1/3, code= 657, volt=-2.5003
CMP_L pin= 25, data=1/3, code= 631, volt=-2.5003
CMP_H pin= 25, data=2/3, code=1896, volt=-0.0008

CMP_L pin= 25, data=2/3, code=1870, volt=-0.0008
CMP_H pin= 25, data=3/3, code=3536, volt= 3.2988
CMP_L pin= 25, data=3/3, code=3507, volt= 3.2988
CMP_H pin= 26, data=1/3, code= 656, volt=-2.5016
CMP_L pin= 26, data=1/3, code= 656, volt=-2.5016
CMP_H pin= 26, data=2/3, code=1900, volt=-0.0010
CMP_L pin= 26, data=2/3, code=1889, volt=-0.0010
CMP_H pin= 26, data=3/3, code=3534, volt= 3.2985
CMP_L pin= 26, data=3/3, code=3526, volt= 3.2985
CMP_H pin= 27, data=1/3, code= 630, volt=-2.4999
CMP_L pin= 27, data=1/3, code= 652, volt=-2.4999
CMP_H pin= 27, data=2/3, code=1873, volt=-0.0008
CMP_L pin= 27, data=2/3, code=1891, volt=-0.0008
CMP_H pin= 27, data=3/3, code=3513, volt= 3.2991
CMP_L pin= 27, data=3/3, code=3528, volt= 3.2991
CMP_H pin= 28, data=1/3, code= 632, volt=-2.5002
CMP_L pin= 28, data=1/3, code= 653, volt=-2.5002
CMP_H pin= 28, data=2/3, code=1874, volt=-0.0005
CMP_L pin= 28, data=2/3, code=1892, volt=-0.0005
CMP_H pin= 28, data=3/3, code=3513, volt= 3.2979
CMP_L pin= 28, data=3/3, code=3528, volt= 3.2979
CMP_H pin= 29, data=1/3, code= 669, volt=-2.5001
CMP_L pin= 29, data=1/3, code= 619, volt=-2.5001
CMP_H pin= 29, data=2/3, code=1909, volt=-0.0005
CMP_L pin= 29, data=2/3, code=1860, volt=-0.0005
CMP_H pin= 29, data=3/3, code=3547, volt= 3.2992
CMP_L pin= 29, data=3/3, code=3497, volt= 3.2992
CMP_H pin= 30, data=1/3, code= 661, volt=-2.5003
CMP_L pin= 30, data=1/3, code= 640, volt=-2.5003
CMP_H pin= 30, data=2/3, code=1904, volt=-0.0013
CMP_L pin= 30, data=2/3, code=1884, volt=-0.0013
CMP_H pin= 30, data=3/3, code=3547, volt= 3.2988
CMP_L pin= 30, data=3/3, code=3525, volt= 3.2988
CMP_H pin= 31, data=1/3, code= 656, volt=-2.4997
CMP_L pin= 31, data=1/3, code= 626, volt=-2.4997
CMP_H pin= 31, data=2/3, code=1894, volt=-0.0003

CMP_L pin= 31, data=2/3, code=1864, volt=-0.0003
CMP_H pin= 31, data=3/3, code=3529, volt= 3.2964
CMP_L pin= 31, data=3/3, code=3499, volt= 3.2964
CMP_H pin= 32, data=1/3, code= 654, volt=-2.5006
CMP_L pin= 32, data=1/3, code= 632, volt=-2.5006
CMP_H pin= 32, data=2/3, code=1890, volt=-0.0010
CMP_L pin= 32, data=2/3, code=1868, volt=-0.0010
CMP_H pin= 32, data=3/3, code=3517, volt= 3.2995
CMP_L pin= 32, data=3/3, code=3497, volt= 3.2995
CMP_H pin= 33, data=1/3, code= 654, volt=-2.5013
CMP_L pin= 33, data=1/3, code= 652, volt=-2.5013
CMP_H pin= 33, data=2/3, code=1898, volt=-0.0005
CMP_L pin= 33, data=2/3, code=1895, volt=-0.0005
CMP_H pin= 33, data=3/3, code=3540, volt= 3.2979
CMP_L pin= 33, data=3/3, code=3535, volt= 3.2979
CMP_H pin= 34, data=1/3, code= 659, volt=-2.5012
CMP_L pin= 34, data=1/3, code= 650, volt=-2.5012
CMP_H pin= 34, data=2/3, code=1905, volt=-0.0010
CMP_L pin= 34, data=2/3, code=1894, volt=-0.0010
CMP_H pin= 34, data=3/3, code=3549, volt= 3.2971
CMP_L pin= 34, data=3/3, code=3534, volt= 3.2971
CMP_H pin= 35, data=1/3, code= 669, volt=-2.5006
CMP_L pin= 35, data=1/3, code= 655, volt=-2.5006
CMP_H pin= 35, data=2/3, code=1916, volt= 0.0000
CMP_L pin= 35, data=2/3, code=1903, volt= 0.0000
CMP_H pin= 35, data=3/3, code=3562, volt= 3.3006
CMP_L pin= 35, data=3/3, code=3550, volt= 3.3006
CMP_H pin= 36, data=1/3, code= 650, volt=-2.5010
CMP_L pin= 36, data=1/3, code= 657, volt=-2.5010
CMP_H pin= 36, data=2/3, code=1894, volt= 0.0005
CMP_L pin= 36, data=2/3, code=1898, volt= 0.0005
CMP_H pin= 36, data=3/3, code=3534, volt= 3.2982
CMP_L pin= 36, data=3/3, code=3536, volt= 3.2982
CMP_H pin= 37, data=1/3, code= 678, volt=-2.5012
CMP_L pin= 37, data=1/3, code= 664, volt=-2.5012
CMP_H pin= 37, data=2/3, code=1917, volt=-0.0005

CMP_L pin= 37, data=2/3, code=1900, volt=-0.0005
CMP_H pin= 37, data=3/3, code=3554, volt= 3.2974
CMP_L pin= 37, data=3/3, code=3531, volt= 3.2974
CMP_H pin= 38, data=1/3, code= 652, volt=-2.5009
CMP_L pin= 38, data=1/3, code= 641, volt=-2.5009
CMP_H pin= 38, data=2/3, code=1890, volt=-0.0000
CMP_L pin= 38, data=2/3, code=1876, volt=-0.0000
CMP_H pin= 38, data=3/3, code=3525, volt= 3.2988
CMP_L pin= 38, data=3/3, code=3506, volt= 3.2988
CMP_H pin= 39, data=1/3, code= 656, volt=-2.5019
CMP_L pin= 39, data=1/3, code= 664, volt=-2.5019
CMP_H pin= 39, data=2/3, code=1900, volt=-0.0005
CMP_L pin= 39, data=2/3, code=1908, volt=-0.0005
CMP_H pin= 39, data=3/3, code=3543, volt= 3.2986
CMP_L pin= 39, data=3/3, code=3549, volt= 3.2986
CMP_H pin= 40, data=1/3, code= 662, volt=-2.5014
CMP_L pin= 40, data=1/3, code= 644, volt=-2.5014
CMP_H pin= 40, data=2/3, code=1900, volt=-0.0013
CMP_L pin= 40, data=2/3, code=1881, volt=-0.0013
CMP_H pin= 40, data=3/3, code=3532, volt= 3.2983
CMP_L pin= 40, data=3/3, code=3510, volt= 3.2983
CMP_H pin= 41, data=1/3, code= 659, volt=-2.5016
CMP_L pin= 41, data=1/3, code= 664, volt=-2.5016
CMP_H pin= 41, data=2/3, code=1902, volt=-0.0010
CMP_L pin= 41, data=2/3, code=1904, volt=-0.0010
CMP_H pin= 41, data=3/3, code=3542, volt= 3.2977
CMP_L pin= 41, data=3/3, code=3538, volt= 3.2977
CMP_H pin= 42, data=1/3, code= 657, volt=-2.4999
CMP_L pin= 42, data=1/3, code= 662, volt=-2.4999
CMP_H pin= 42, data=2/3, code=1900, volt=-0.0000
CMP_L pin= 42, data=2/3, code=1904, volt=-0.0000
CMP_H pin= 42, data=3/3, code=3543, volt= 3.2996
CMP_L pin= 42, data=3/3, code=3545, volt= 3.2996
CMP_H pin= 43, data=1/3, code= 672, volt=-2.5019
CMP_L pin= 43, data=1/3, code= 658, volt=-2.5019
CMP_H pin= 43, data=2/3, code=1912, volt=-0.0015

CMP_L pin= 43, data=2/3, code=1898, volt=-0.0015
CMP_H pin= 43, data=3/3, code=3551, volt= 3.2986
CMP_L pin= 43, data=3/3, code=3535, volt= 3.2986
CMP_H pin= 44, data=1/3, code= 672, volt=-2.5004
CMP_L pin= 44, data=1/3, code= 636, volt=-2.5004
CMP_H pin= 44, data=2/3, code=1912, volt=-0.0005
CMP_L pin= 44, data=2/3, code=1879, volt=-0.0005
CMP_H pin= 44, data=3/3, code=3548, volt= 3.2988
CMP_L pin= 44, data=3/3, code=3519, volt= 3.2988
CMP_H pin= 45, data=1/3, code= 652, volt=-2.4996
CMP_L pin= 45, data=1/3, code= 648, volt=-2.4996
CMP_H pin= 45, data=2/3, code=1897, volt=-0.0010
CMP_L pin= 45, data=2/3, code=1890, volt=-0.0010
CMP_H pin= 45, data=3/3, code=3541, volt= 3.2988
CMP_L pin= 45, data=3/3, code=3529, volt= 3.2988
CMP_H pin= 46, data=1/3, code= 701, volt=-2.5007
CMP_L pin= 46, data=1/3, code= 652, volt=-2.5007
CMP_H pin= 46, data=2/3, code=1943, volt= 0.0003
CMP_L pin= 46, data=2/3, code=1894, volt= 0.0003
CMP_H pin= 46, data=3/3, code=3583, volt= 3.2992
CMP_L pin= 46, data=3/3, code=3532, volt= 3.2992
CMP_H pin= 47, data=1/3, code= 667, volt=-2.4997
CMP_L pin= 47, data=1/3, code= 667, volt=-2.4997
CMP_H pin= 47, data=2/3, code=1909, volt=-0.0000
CMP_L pin= 47, data=2/3, code=1907, volt=-0.0000
CMP_H pin= 47, data=3/3, code=3549, volt= 3.2985
CMP_L pin= 47, data=3/3, code=3545, volt= 3.2985
CMP_H pin= 48, data=1/3, code= 652, volt=-2.5004
CMP_L pin= 48, data=1/3, code= 653, volt=-2.5004
CMP_H pin= 48, data=2/3, code=1893, volt=-0.0010
CMP_L pin= 48, data=2/3, code=1890, volt=-0.0010
CMP_H pin= 48, data=3/3, code=3528, volt= 3.2978
CMP_L pin= 48, data=3/3, code=3521, volt= 3.2978
CMP_H pin= 49, data=1/3, code= 691, volt=-2.5008
CMP_L pin= 49, data=1/3, code= 672, volt=-2.5008
CMP_H pin= 49, data=2/3, code=1937, volt=-0.0005

CMP_L pin= 49, data=2/3, code=1918, volt=-0.0005
CMP_H pin= 49, data=3/3, code=3584, volt= 3.3006
CMP_L pin= 49, data=3/3, code=3566, volt= 3.3006
CMP_H pin= 50, data=1/3, code= 676, volt=-2.5014
CMP_L pin= 50, data=1/3, code= 679, volt=-2.5014
CMP_H pin= 50, data=2/3, code=1921, volt=-0.0005
CMP_L pin= 50, data=2/3, code=1925, volt=-0.0005
CMP_H pin= 50, data=3/3, code=3566, volt= 3.2984
CMP_L pin= 50, data=3/3, code=3569, volt= 3.2984
CMP_H pin= 51, data=1/3, code= 682, volt=-2.5010
CMP_L pin= 51, data=1/3, code= 683, volt=-2.5010
CMP_H pin= 51, data=2/3, code=1925, volt=-0.0010
CMP_L pin= 51, data=2/3, code=1921, volt=-0.0010
CMP_H pin= 51, data=3/3, code=3568, volt= 3.2983
CMP_L pin= 51, data=3/3, code=3558, volt= 3.2983
CMP_H pin= 52, data=1/3, code= 666, volt=-2.5020
CMP_L pin= 52, data=1/3, code= 678, volt=-2.5020
CMP_H pin= 52, data=2/3, code=1908, volt=-0.0015
CMP_L pin= 52, data=2/3, code=1916, volt=-0.0015
CMP_H pin= 52, data=3/3, code=3547, volt= 3.2990
CMP_L pin= 52, data=3/3, code=3551, volt= 3.2990
CMP_H pin= 53, data=1/3, code= 665, volt=-2.5008
CMP_L pin= 53, data=1/3, code= 648, volt=-2.5008
CMP_H pin= 53, data=2/3, code=1912, volt=-0.0008
CMP_L pin= 53, data=2/3, code=1893, volt=-0.0008
CMP_H pin= 53, data=3/3, code=3558, volt= 3.2987
CMP_L pin= 53, data=3/3, code=3537, volt= 3.2987
CMP_H pin= 54, data=1/3, code= 676, volt=-2.4996
CMP_L pin= 54, data=1/3, code= 641, volt=-2.4996
CMP_H pin= 54, data=2/3, code=1919, volt=-0.0013
CMP_L pin= 54, data=2/3, code=1880, volt=-0.0013
CMP_H pin= 54, data=3/3, code=3559, volt= 3.2993
CMP_L pin= 54, data=3/3, code=3520, volt= 3.2993
CMP_H pin= 55, data=1/3, code= 667, volt=-2.5015
CMP_L pin= 55, data=1/3, code= 673, volt=-2.5015
CMP_H pin= 55, data=2/3, code=1913, volt=-0.0013

CMP_L pin= 55, data=2/3, code=1915, volt=-0.0013
CMP_H pin= 55, data=3/3, code=3558, volt= 3.2997
CMP_L pin= 55, data=3/3, code=3556, volt= 3.2997
CMP_H pin= 56, data=1/3, code= 667, volt=-2.5009
CMP_L pin= 56, data=1/3, code= 669, volt=-2.5009
CMP_H pin= 56, data=2/3, code=1916, volt=-0.0018
CMP_L pin= 56, data=2/3, code=1917, volt=-0.0018
CMP_H pin= 56, data=3/3, code=3563, volt= 3.3001
CMP_L pin= 56, data=3/3, code=3562, volt= 3.3001
CMP_H pin=129, data=1/3, code= 664, volt=-2.5011
CMP_L pin=129, data=1/3, code= 646, volt=-2.5011
CMP_H pin=129, data=2/3, code=1907, volt= 0.0005
CMP_L pin=129, data=2/3, code=1886, volt= 0.0005
CMP_H pin=129, data=3/3, code=3546, volt= 3.2978
CMP_L pin=129, data=3/3, code=3523, volt= 3.2978
CMP_H pin=130, data=1/3, code= 664, volt=-2.5014
CMP_L pin=130, data=1/3, code= 650, volt=-2.5014
CMP_H pin=130, data=2/3, code=1907, volt=-0.0015
CMP_L pin=130, data=2/3, code=1892, volt=-0.0015
CMP_H pin=130, data=3/3, code=3547, volt= 3.2985
CMP_L pin=130, data=3/3, code=3534, volt= 3.2985
CMP_H pin=131, data=1/3, code= 679, volt=-2.5009
CMP_L pin=131, data=1/3, code= 649, volt=-2.5009
CMP_H pin=131, data=2/3, code=1923, volt=-0.0008
CMP_L pin=131, data=2/3, code=1894, volt=-0.0008
CMP_H pin=131, data=3/3, code=3567, volt= 3.2987
CMP_L pin=131, data=3/3, code=3537, volt= 3.2987
CMP_H pin=132, data=1/3, code= 661, volt=-2.5018
CMP_L pin=132, data=1/3, code= 648, volt=-2.5018
CMP_H pin=132, data=2/3, code=1907, volt=-0.0010
CMP_L pin=132, data=2/3, code=1892, volt=-0.0010
CMP_H pin=132, data=3/3, code=3552, volt= 3.3001
CMP_L pin=132, data=3/3, code=3534, volt= 3.3001
CMP_H pin=133, data=1/3, code= 682, volt=-2.4998
CMP_L pin=133, data=1/3, code= 668, volt=-2.4998
CMP_H pin=133, data=2/3, code=1922, volt=-0.0013

CMP_L pin=133, data=2/3, code=1906, volt=-0.0013
CMP_H pin=133, data=3/3, code=3561, volt= 3.2986
CMP_L pin=133, data=3/3, code=3543, volt= 3.2986
CMP_H pin=134, data=1/3, code= 673, volt=-2.5010
CMP_L pin=134, data=1/3, code= 661, volt=-2.5010
CMP_H pin=134, data=2/3, code=1913, volt=-0.0018
CMP_L pin=134, data=2/3, code=1902, volt=-0.0018
CMP_H pin=134, data=3/3, code=3550, volt= 3.2984
CMP_L pin=134, data=3/3, code=3540, volt= 3.2984
CMP_H pin=135, data=1/3, code= 658, volt=-2.5003
CMP_L pin=135, data=1/3, code= 653, volt=-2.5003
CMP_H pin=135, data=2/3, code=1901, volt=-0.0013
CMP_L pin=135, data=2/3, code=1894, volt=-0.0013
CMP_H pin=135, data=3/3, code=3543, volt= 3.2991
CMP_L pin=135, data=3/3, code=3534, volt= 3.2991
CMP_H pin=136, data=1/3, code= 669, volt=-2.5003
CMP_L pin=136, data=1/3, code= 656, volt=-2.5003
CMP_H pin=136, data=2/3, code=1916, volt= 0.0003
CMP_L pin=136, data=2/3, code=1902, volt= 0.0003
CMP_H pin=136, data=3/3, code=3560, volt= 3.2999
CMP_L pin=136, data=3/3, code=3542, volt= 3.2999
CMP_H pin=137, data=1/3, code= 697, volt=-2.5008
CMP_L pin=137, data=1/3, code= 703, volt=-2.5008
CMP_H pin=137, data=2/3, code=1946, volt=-0.0000
CMP_L pin=137, data=2/3, code=1950, volt=-0.0000
CMP_H pin=137, data=3/3, code=3597, volt= 3.3004
CMP_L pin=137, data=3/3, code=3597, volt= 3.3004
CMP_H pin=138, data=1/3, code= 669, volt=-2.5007
CMP_L pin=138, data=1/3, code= 673, volt=-2.5007
CMP_H pin=138, data=2/3, code=1919, volt=-0.0000
CMP_L pin=138, data=2/3, code=1919, volt=-0.0000
CMP_H pin=138, data=3/3, code=3569, volt= 3.2992
CMP_L pin=138, data=3/3, code=3564, volt= 3.2992
CMP_H pin=139, data=1/3, code= 695, volt=-2.5017
CMP_L pin=139, data=1/3, code= 663, volt=-2.5017
CMP_H pin=139, data=2/3, code=1938, volt=-0.0018

CMP_L pin=139, data=2/3, code=1905, volt=-0.0018
CMP_H pin=139, data=3/3, code=3581, volt= 3.2969
CMP_L pin=139, data=3/3, code=3545, volt= 3.2969
CMP_H pin=140, data=1/3, code= 691, volt=-2.5000
CMP_L pin=140, data=1/3, code= 675, volt=-2.5000
CMP_H pin=140, data=2/3, code=1937, volt=-0.0018
CMP_L pin=140, data=2/3, code=1916, volt=-0.0018
CMP_H pin=140, data=3/3, code=3582, volt= 3.2989
CMP_L pin=140, data=3/3, code=3557, volt= 3.2989
CMP_H pin=141, data=1/3, code= 679, volt=-2.5014
CMP_L pin=141, data=1/3, code= 665, volt=-2.5014
CMP_H pin=141, data=2/3, code=1918, volt= 0.0008
CMP_L pin=141, data=2/3, code=1904, volt= 0.0008
CMP_H pin=141, data=3/3, code=3556, volt= 3.2989
CMP_L pin=141, data=3/3, code=3537, volt= 3.2989
CMP_H pin=142, data=1/3, code= 718, volt=-2.5004
CMP_L pin=142, data=1/3, code= 695, volt=-2.5004
CMP_H pin=142, data=2/3, code=1961, volt=-0.0013
CMP_L pin=142, data=2/3, code=1933, volt=-0.0013
CMP_H pin=142, data=3/3, code=3601, volt= 3.2980
CMP_L pin=142, data=3/3, code=3568, volt= 3.2980
CMP_H pin=143, data=1/3, code= 661, volt=-2.4992
CMP_L pin=143, data=1/3, code= 656, volt=-2.4992
CMP_H pin=143, data=2/3, code=1900, volt=-0.0018
CMP_L pin=143, data=2/3, code=1893, volt=-0.0018
CMP_H pin=143, data=3/3, code=3539, volt= 3.2993
CMP_L pin=143, data=3/3, code=3529, volt= 3.2993
CMP_H pin=144, data=1/3, code= 675, volt=-2.5009
CMP_L pin=144, data=1/3, code= 687, volt=-2.5009
CMP_H pin=144, data=2/3, code=1917, volt=-0.0003
CMP_L pin=144, data=2/3, code=1926, volt=-0.0003
CMP_H pin=144, data=3/3, code=3552, volt= 3.2985
CMP_L pin=144, data=3/3, code=3555, volt= 3.2985
CMP_H pin=145, data=1/3, code= 658, volt=-2.5003
CMP_L pin=145, data=1/3, code= 659, volt=-2.5003
CMP_H pin=145, data=2/3, code=1906, volt= 0.0003

CMP_L pin=145, data=2/3, code=1905, volt= 0.0003
CMP_H pin=145, data=3/3, code=3552, volt= 3.2994
CMP_L pin=145, data=3/3, code=3547, volt= 3.2994
CMP_H pin=146, data=1/3, code= 655, volt=-2.4997
CMP_L pin=146, data=1/3, code= 663, volt=-2.4997
CMP_H pin=146, data=2/3, code=1896, volt=-0.0013
CMP_L pin=146, data=2/3, code=1903, volt=-0.0013
CMP_H pin=146, data=3/3, code=3536, volt= 3.2975
CMP_L pin=146, data=3/3, code=3543, volt= 3.2975
CMP_H pin=147, data=1/3, code= 673, volt=-2.5014
CMP_L pin=147, data=1/3, code= 653, volt=-2.5014
CMP_H pin=147, data=2/3, code=1918, volt=-0.0008
CMP_L pin=147, data=2/3, code=1898, volt=-0.0008
CMP_H pin=147, data=3/3, code=3562, volt= 3.2989
CMP_L pin=147, data=3/3, code=3540, volt= 3.2989
CMP_H pin=148, data=1/3, code= 635, volt=-2.5002
CMP_L pin=148, data=1/3, code= 624, volt=-2.5002
CMP_H pin=148, data=2/3, code=1876, volt=-0.0010
CMP_L pin=148, data=2/3, code=1864, volt=-0.0010
CMP_H pin=148, data=3/3, code=3514, volt= 3.2988
CMP_L pin=148, data=3/3, code=3501, volt= 3.2988
CMP_H pin=149, data=1/3, code= 678, volt=-2.5007
CMP_L pin=149, data=1/3, code= 673, volt=-2.5007
CMP_H pin=149, data=2/3, code=1919, volt=-0.0008
CMP_L pin=149, data=2/3, code=1913, volt=-0.0008
CMP_H pin=149, data=3/3, code=3557, volt= 3.2997
CMP_L pin=149, data=3/3, code=3552, volt= 3.2997
CMP_H pin=150, data=1/3, code= 670, volt=-2.5001
CMP_L pin=150, data=1/3, code= 665, volt=-2.5001
CMP_H pin=150, data=2/3, code=1911, volt=-0.0008
CMP_L pin=150, data=2/3, code=1903, volt=-0.0008
CMP_H pin=150, data=3/3, code=3550, volt= 3.2975
CMP_L pin=150, data=3/3, code=3537, volt= 3.2975
CMP_H pin=151, data=1/3, code= 676, volt=-2.5014
CMP_L pin=151, data=1/3, code= 654, volt=-2.5014
CMP_H pin=151, data=2/3, code=1917, volt=-0.0010

CMP_L pin=151, data=2/3, code=1893, volt=-0.0010
CMP_H pin=151, data=3/3, code=3557, volt= 3.2999
CMP_L pin=151, data=3/3, code=3531, volt= 3.2999
CMP_H pin=152, data=1/3, code= 665, volt=-2.5003
CMP_L pin=152, data=1/3, code= 640, volt=-2.5003
CMP_H pin=152, data=2/3, code=1910, volt=-0.0010
CMP_L pin=152, data=2/3, code=1884, volt=-0.0010
CMP_H pin=152, data=3/3, code=3549, volt= 3.2972
CMP_L pin=152, data=3/3, code=3520, volt= 3.2972
CMP_H pin=153, data=1/3, code= 704, volt=-2.5001
CMP_L pin=153, data=1/3, code= 643, volt=-2.5001
CMP_H pin=153, data=2/3, code=1948, volt=-0.0018
CMP_L pin=153, data=2/3, code=1887, volt=-0.0018
CMP_H pin=153, data=3/3, code=3593, volt= 3.3006
CMP_L pin=153, data=3/3, code=3532, volt= 3.3006
CMP_H pin=154, data=1/3, code= 682, volt=-2.5017
CMP_L pin=154, data=1/3, code= 689, volt=-2.5017
CMP_H pin=154, data=2/3, code=1929, volt=-0.0013
CMP_L pin=154, data=2/3, code=1934, volt=-0.0013
CMP_H pin=154, data=3/3, code=3578, volt= 3.2985
CMP_L pin=154, data=3/3, code=3574, volt= 3.2985
CMP_H pin=155, data=1/3, code= 674, volt=-2.5019
CMP_L pin=155, data=1/3, code= 661, volt=-2.5019
CMP_H pin=155, data=2/3, code=1922, volt=-0.0008
CMP_L pin=155, data=2/3, code=1909, volt=-0.0008
CMP_H pin=155, data=3/3, code=3567, volt= 3.2977
CMP_L pin=155, data=3/3, code=3559, volt= 3.2977
CMP_H pin=156, data=1/3, code= 677, volt=-2.5017
CMP_L pin=156, data=1/3, code= 666, volt=-2.5017
CMP_H pin=156, data=2/3, code=1919, volt= 0.0003
CMP_L pin=156, data=2/3, code=1911, volt= 0.0003
CMP_H pin=156, data=3/3, code=3558, volt= 3.2980
CMP_L pin=156, data=3/3, code=3553, volt= 3.2980
CMP_H pin=157, data=1/3, code= 663, volt=-2.5011
CMP_L pin=157, data=1/3, code= 661, volt=-2.5011
CMP_H pin=157, data=2/3, code=1909, volt= 0.0003

CMP_L pin=157, data=2/3, code=1906, volt= 0.0003
CMP_H pin=157, data=3/3, code=3553, volt= 3.2991
CMP_L pin=157, data=3/3, code=3550, volt= 3.2991
CMP_H pin=158, data=1/3, code= 671, volt=-2.5007
CMP_L pin=158, data=1/3, code= 668, volt=-2.5007
CMP_H pin=158, data=2/3, code=1916, volt= 0.0005
CMP_L pin=158, data=2/3, code=1912, volt= 0.0005
CMP_H pin=158, data=3/3, code=3560, volt= 3.2982
CMP_L pin=158, data=3/3, code=3554, volt= 3.2982
CMP_H pin=159, data=1/3, code= 681, volt=-2.5011
CMP_L pin=159, data=1/3, code= 697, volt=-2.5011
CMP_H pin=159, data=2/3, code=1925, volt=-0.0015
CMP_L pin=159, data=2/3, code=1942, volt=-0.0015
CMP_H pin=159, data=3/3, code=3572, volt= 3.2998
CMP_L pin=159, data=3/3, code=3587, volt= 3.2998
CMP_H pin=160, data=1/3, code= 681, volt=-2.5007
CMP_L pin=160, data=1/3, code= 669, volt=-2.5007
CMP_H pin=160, data=2/3, code=1925, volt=-0.0008
CMP_L pin=160, data=2/3, code=1912, volt=-0.0008
CMP_H pin=160, data=3/3, code=3566, volt= 3.2992
CMP_L pin=160, data=3/3, code=3550, volt= 3.2992
CMP_H pin=161, data=1/3, code= 680, volt=-2.5018
CMP_L pin=161, data=1/3, code= 657, volt=-2.5018
CMP_H pin=161, data=2/3, code=1923, volt=-0.0008
CMP_L pin=161, data=2/3, code=1899, volt=-0.0008
CMP_H pin=161, data=3/3, code=3564, volt= 3.2985
CMP_L pin=161, data=3/3, code=3537, volt= 3.2985
CMP_H pin=162, data=1/3, code= 690, volt=-2.5011
CMP_L pin=162, data=1/3, code= 678, volt=-2.5011
CMP_H pin=162, data=2/3, code=1936, volt=-0.0000
CMP_L pin=162, data=2/3, code=1926, volt=-0.0000
CMP_H pin=162, data=3/3, code=3585, volt= 3.2991
CMP_L pin=162, data=3/3, code=3574, volt= 3.2991
CMP_H pin=163, data=1/3, code= 679, volt=-2.4998
CMP_L pin=163, data=1/3, code= 633, volt=-2.4998
CMP_H pin=163, data=2/3, code=1919, volt=-0.0013

CMP_L pin=163, data=2/3, code=1875, volt=-0.0013
CMP_H pin=163, data=3/3, code=3557, volt= 3.2979
CMP_L pin=163, data=3/3, code=3514, volt= 3.2979
CMP_H pin=164, data=1/3, code= 670, volt=-2.5016
CMP_L pin=164, data=1/3, code= 671, volt=-2.5016
CMP_H pin=164, data=2/3, code=1915, volt= 0.0000
CMP_L pin=164, data=2/3, code=1913, volt= 0.0000
CMP_H pin=164, data=3/3, code=3556, volt= 3.2977
CMP_L pin=164, data=3/3, code=3552, volt= 3.2977
CMP_H pin=165, data=1/3, code= 703, volt=-2.5006
CMP_L pin=165, data=1/3, code= 681, volt=-2.5006
CMP_H pin=165, data=2/3, code=1951, volt=-0.0008
CMP_L pin=165, data=2/3, code=1926, volt=-0.0008
CMP_H pin=165, data=3/3, code=3599, volt= 3.2982
CMP_L pin=165, data=3/3, code=3569, volt= 3.2982
CMP_H pin=166, data=1/3, code= 701, volt=-2.5005
CMP_L pin=166, data=1/3, code= 686, volt=-2.5005
CMP_H pin=166, data=2/3, code=1949, volt=-0.0005
CMP_L pin=166, data=2/3, code=1932, volt=-0.0005
CMP_H pin=166, data=3/3, code=3595, volt= 3.2995
CMP_L pin=166, data=3/3, code=3576, volt= 3.2995
CMP_H pin=167, data=1/3, code= 671, volt=-2.4994
CMP_L pin=167, data=1/3, code= 686, volt=-2.4994
CMP_H pin=167, data=2/3, code=1919, volt=-0.0013
CMP_L pin=167, data=2/3, code=1932, volt=-0.0013
CMP_H pin=167, data=3/3, code=3569, volt= 3.2997
CMP_L pin=167, data=3/3, code=3579, volt= 3.2997
CMP_H pin=168, data=1/3, code= 691, volt=-2.5012
CMP_L pin=168, data=1/3, code= 677, volt=-2.5012
CMP_H pin=168, data=2/3, code=1937, volt=-0.0003
CMP_L pin=168, data=2/3, code=1923, volt=-0.0003
CMP_H pin=168, data=3/3, code=3581, volt= 3.3003
CMP_L pin=168, data=3/3, code=3568, volt= 3.3003
CMP_H pin=169, data=1/3, code= 664, volt=-2.5004
CMP_L pin=169, data=1/3, code= 636, volt=-2.5004
CMP_H pin=169, data=2/3, code=1907, volt=-0.0013

CMP_L pin=169, data=2/3, code=1879, volt=-0.0013
CMP_H pin=169, data=3/3, code=3550, volt= 3.2973
CMP_L pin=169, data=3/3, code=3519, volt= 3.2973
CMP_H pin=170, data=1/3, code= 665, volt=-2.5007
CMP_L pin=170, data=1/3, code= 642, volt=-2.5007
CMP_H pin=170, data=2/3, code=1903, volt=-0.0003
CMP_L pin=170, data=2/3, code=1880, volt=-0.0003
CMP_H pin=170, data=3/3, code=3539, volt= 3.2991
CMP_L pin=170, data=3/3, code=3517, volt= 3.2991
CMP_H pin=171, data=1/3, code= 667, volt=-2.5008
CMP_L pin=171, data=1/3, code= 643, volt=-2.5008
CMP_H pin=171, data=2/3, code=1931, volt=-0.0005
CMP_L pin=171, data=2/3, code=1906, volt=-0.0005
CMP_H pin=171, data=3/3, code=3604, volt= 3.2992
CMP_L pin=171, data=3/3, code=3575, volt= 3.2992
F CMP_H pin=172, data=1/3, code= 154, volt=-128.0000, Llim= 411, Ulim=1034
F CMP_L pin=172, data=1/3, code= 142, volt=-128.0000, Llim= 411, Ulim=1034
F CMP_H pin=172, data=2/3, code= 155, volt=-128.0000, Llim=1571, Ulim=2385
F CMP_L pin=172, data=2/3, code= 143, volt=-128.0000, Llim=1571, Ulim=2385
F CMP_H pin=172, data=3/3, code=1649, volt=-0.5444, Llim=3102, Ulim=4167
F CMP_L pin=172, data=3/3, code=1637, volt=-0.5444, Llim=3102, Ulim=4167
F CMP_H pin=173, data=1/3, code= 175, volt=-128.0000, Llim= 411, Ulim=1034
F CMP_L pin=173, data=1/3, code= 135, volt=-128.0000, Llim= 411, Ulim=1034
F CMP_H pin=173, data=2/3, code= 178, volt=-128.0000, Llim=1571, Ulim=2385
F CMP_L pin=173, data=2/3, code= 137, volt=-128.0000, Llim=1571, Ulim=2385
F CMP_H pin=173, data=3/3, code=1617, volt=-0.6101, Llim=3102, Ulim=4167
F CMP_L pin=173, data=3/3, code=1577, volt=-0.6101, Llim=3102, Ulim=4167
CMP_H pin=174, data=1/3, code= 668, volt=-2.5010
CMP_L pin=174, data=1/3, code= 661, volt=-2.5010
CMP_H pin=174, data=2/3, code=1935, volt=-0.0010
CMP_L pin=174, data=2/3, code=1926, volt=-0.0010
CMP_H pin=174, data=3/3, code=3608, volt= 3.2992
CMP_L pin=174, data=3/3, code=3598, volt= 3.2992
CMP_H pin=175, data=1/3, code= 665, volt=-2.5001
CMP_L pin=175, data=1/3, code= 646, volt=-2.5001
CMP_H pin=175, data=2/3, code=1908, volt=-0.0010

CMP_L pin=175, data=2/3, code=1887, volt=-0.0010
CMP_H pin=175, data=3/3, code=3550, volt= 3.2988
CMP_L pin=175, data=3/3, code=3527, volt= 3.2988
CMP_H pin=176, data=1/3, code= 663, volt=-2.5016
CMP_L pin=176, data=1/3, code= 652, volt=-2.5016
CMP_H pin=176, data=2/3, code=1907, volt=-0.0003
CMP_L pin=176, data=2/3, code=1895, volt=-0.0003
CMP_H pin=176, data=3/3, code=3545, volt= 3.2976
CMP_L pin=176, data=3/3, code=3532, volt= 3.2976
CMP_H pin=177, data=1/3, code= 669, volt=-2.5005
CMP_L pin=177, data=1/3, code= 655, volt=-2.5005
CMP_H pin=177, data=2/3, code=1916, volt=-0.0000
CMP_L pin=177, data=2/3, code=1900, volt=-0.0000
CMP_H pin=177, data=3/3, code=3565, volt= 3.2986
CMP_L pin=177, data=3/3, code=3546, volt= 3.2986
CMP_H pin=178, data=1/3, code= 705, volt=-2.4614
CMP_L pin=178, data=1/3, code= 668, volt=-2.4614
CMP_H pin=178, data=2/3, code=1949, volt= 0.0408
CMP_L pin=178, data=2/3, code=1907, volt= 0.0408
F CMP_H pin=178, data=3/3, code= 385, volt=-128.0000, Llim=3102, Ulim=4167
F CMP_L pin=178, data=3/3, code= 345, volt=-128.0000, Llim=3102, Ulim=4167
CMP_H pin=179, data=1/3, code= 660, volt=-2.5014
CMP_L pin=179, data=1/3, code= 624, volt=-2.5014
CMP_H pin=179, data=2/3, code=1908, volt=-0.0010
CMP_L pin=179, data=2/3, code=1871, volt=-0.0010
CMP_H pin=179, data=3/3, code=3557, volt= 3.2981
CMP_L pin=179, data=3/3, code=3517, volt= 3.2981
CMP_H pin=180, data=1/3, code= 691, volt=-2.5014
CMP_L pin=180, data=1/3, code= 654, volt=-2.5014
CMP_H pin=180, data=2/3, code=1938, volt=-0.0005
CMP_L pin=180, data=2/3, code=1900, volt=-0.0005
CMP_H pin=180, data=3/3, code=3584, volt= 3.2974
CMP_L pin=180, data=3/3, code=3545, volt= 3.2974
CMP_H pin=181, data=1/3, code= 674, volt=-2.5008
CMP_L pin=181, data=1/3, code= 655, volt=-2.5008
CMP_H pin=181, data=2/3, code=1917, volt= 0.0003

CMP_L pin=181, data=2/3, code=1898, volt= 0.0003
CMP_H pin=181, data=3/3, code=3559, volt= 3.2992
CMP_L pin=181, data=3/3, code=3537, volt= 3.2992
CMP_H pin=182, data=1/3, code= 667, volt=-2.5009
CMP_L pin=182, data=1/3, code= 629, volt=-2.5009
CMP_H pin=182, data=2/3, code=1903, volt=-0.0010
CMP_L pin=182, data=2/3, code=1864, volt=-0.0010
CMP_H pin=182, data=3/3, code=3535, volt= 3.2991
CMP_L pin=182, data=3/3, code=3495, volt= 3.2991
CMP_H pin=183, data=1/3, code= 663, volt=-2.5006
CMP_L pin=183, data=1/3, code= 633, volt=-2.5006
CMP_H pin=183, data=2/3, code=1905, volt=-0.0010
CMP_L pin=183, data=2/3, code=1872, volt=-0.0010
CMP_H pin=183, data=3/3, code=3546, volt= 3.2992
CMP_L pin=183, data=3/3, code=3507, volt= 3.2992
CMP_H pin=184, data=1/3, code= 689, volt=-2.5010
CMP_L pin=184, data=1/3, code= 652, volt=-2.5010
CMP_H pin=184, data=2/3, code=1929, volt=-0.0010
CMP_L pin=184, data=2/3, code=1890, volt=-0.0010
CMP_H pin=184, data=3/3, code=3562, volt= 3.2986
CMP_L pin=184, data=3/3, code=3522, volt= 3.2986

<<<Pin electronics DC calibration[FAIL/pin=171:174,178]>>>

<<<Timing generator process parameter calibration>>>

<<<HCLK timing generator process parameter>>>

PWRCTRL pin= 1, gain=12, psetA=23, psetB=29
PWRCTRL pin= 3, gain=11, psetA=26, psetB=28
PWRCTRL pin= 5, gain=12, psetA=20, psetB=24
PWRCTRL pin= 7, gain=10, psetA=16, psetB=24
PWRCTRL pin= 9, gain=11, psetA=32, psetB=25
PWRCTRL pin= 11, gain=11, psetA=21, psetB=21
PWRCTRL pin= 13, gain=11, psetA=24, psetB=22
PWRCTRL pin= 15, gain=10, psetA=20, psetB=18
PWRCTRL pin= 17, gain=10, psetA=25, psetB=19
PWRCTRL pin= 19, gain=11, psetA=27, psetB=21
PWRCTRL pin= 21, gain=11, psetA=23, psetB=20
PWRCTRL pin= 23, gain=11, psetA=22, psetB=21

PWRCTRL pin= 25, gain=10, psetA=19, psetB=25
PWRCTRL pin= 27, gain=10, psetA=21, psetB=24
PWRCTRL pin= 29, gain=10, psetA=21, psetB=22
PWRCTRL pin= 31, gain=11, psetA=23, psetB=20
PWRCTRL pin= 33, gain=11, psetA=21, psetB=25
PWRCTRL pin= 35, gain=11, psetA=24, psetB=21
PWRCTRL pin= 37, gain=11, psetA=21, psetB=26
PWRCTRL pin= 39, gain=10, psetA=30, psetB=24
PWRCTRL pin= 41, gain=13, psetA=24, psetB=24
PWRCTRL pin= 43, gain=12, psetA=27, psetB=22
PWRCTRL pin= 45, gain=13, psetA=23, psetB=26
PWRCTRL pin= 47, gain=12, psetA=28, psetB=31
PWRCTRL pin= 49, gain=11, psetA=21, psetB=20
PWRCTRL pin= 51, gain=12, psetA=22, psetB=22
PWRCTRL pin= 53, gain=11, psetA=22, psetB=26
PWRCTRL pin= 55, gain=12, psetA=28, psetB=28
PWRCTRL pin= 57, gain=10, psetA=23, psetB=15
PWRCTRL pin= 59, gain=10, psetA=20, psetB=20
PWRCTRL pin= 61, gain= 9, psetA=20, psetB=14
PWRCTRL pin= 63, gain=10, psetA=24, psetB=17
PWRCTRL pin=129, gain=11, psetA=22, psetB=22
PWRCTRL pin=131, gain=12, psetA=24, psetB=19
PWRCTRL pin=133, gain=11, psetA=29, psetB=27
PWRCTRL pin=135, gain=13, psetA=26, psetB=36
PWRCTRL pin=137, gain=11, psetA=24, psetB=26
PWRCTRL pin=139, gain=11, psetA=25, psetB=25
PWRCTRL pin=141, gain=11, psetA=29, psetB=21
PWRCTRL pin=143, gain=11, psetA=24, psetB=26
PWRCTRL pin=145, gain=10, psetA=20, psetB=25
PWRCTRL pin=147, gain=11, psetA=24, psetB=22
PWRCTRL pin=149, gain=10, psetA=22, psetB=24
PWRCTRL pin=151, gain=11, psetA=19, psetB=21
PWRCTRL pin=153, gain=12, psetA=29, psetB=22
PWRCTRL pin=155, gain=11, psetA=27, psetB=24
PWRCTRL pin=157, gain=11, psetA=25, psetB=24
PWRCTRL pin=159, gain=12, psetA=24, psetB=24

PWRCTRL pin=161, gain=11, psetA=26, psetB=20
PWRCTRL pin=163, gain=12, psetA=24, psetB=23
PWRCTRL pin=165, gain=11, psetA=26, psetB=26
PWRCTRL pin=167, gain=12, psetA=25, psetB=25
PWRCTRL pin=169, gain=13, psetA=24, psetB=26
PWRCTRL pin=171, gain=12, psetA=22, psetB=20
PWRCTRL pin=173, gain=11, psetA=19, psetB=25
PWRCTRL pin=175, gain=11, psetA=22, psetB=22
PWRCTRL pin=177, gain=12, psetA=20, psetB=28
PWRCTRL pin=179, gain=11, psetA=25, psetB=24
PWRCTRL pin=181, gain=12, psetA=27, psetB=21
PWRCTRL pin=183, gain=11, psetA=26, psetB=24
PWRCTRL pin=185, gain=11, psetA=21, psetB=22
PWRCTRL pin=187, gain=11, psetA=17, psetB=19
PWRCTRL pin=189, gain=12, psetA=24, psetB=24
PWRCTRL pin=191, gain=12, psetA=19, psetB=18

F TVTH_SPANC pin=172, th=15, result=0x6
F TVTH_SPANC pin=173, th=15, result=0x6
F TVTH_SPANC pin=178, th=15, result=0x6
F TVTH_SPANC pin=172, th=14, result=0x6
F TVTH_SPANC pin=173, th=14, result=0x6
F TVTH_SPANC pin=178, th=14, result=0x6
F TVTH_SPANC pin=172, th=13, result=0x6
F TVTH_SPANC pin=173, th=13, result=0x6
F TVTH_SPANC pin=178, th=13, result=0x6
F TVTH_SPANC pin=172, th=12, result=0x6
F TVTH_SPANC pin=173, th=12, result=0x6
F TVTH_SPANC pin=178, th=12, result=0x6
F TVTH_SPANC pin=172, th=11, result=0x6
F TVTH_SPANC pin=173, th=11, result=0x6
F TVTH_SPANC pin=178, th=11, result=0x6
F TVTH_SPANC pin=172, th=10, result=0x6
F TVTH_SPANC pin=173, th=10, result=0x6
F TVTH_SPANC pin=178, th=10, result=0x6
F TVTH_SPANC pin=172, th=9, result=0x6
F TVTH_SPANC pin=173, th=9, result=0x6

F TVTH_SPANC pin=178, th=9, result=0x6
F TVTH_SPANC pin=172, th=8, result=0x6
F TVTH_SPANC pin=173, th=8, result=0x6
F TVTH_SPANC pin=178, th=8, result=0x6
F TVTH_SPANC pin=172, th=7, result=0x6
F TVTH_SPANC pin=173, th=7, result=0x6
F TVTH_SPANC pin=178, th=7, result=0x6
F TVTH_SPANC pin=172, th=6, result=0x6
F TVTH_SPANC pin=173, th=6, result=0x6
F TVTH_SPANC pin=178, th=6, result=0x6
F TVTH_SPANC pin=172, th=5, result=0x6
F TVTH_SPANC pin=173, th=5, result=0x6
F TVTH_SPANC pin=178, th=5, result=0x6
F TVTH_SPANC pin=172, th=4, result=0x6
F TVTH_SPANC pin=173, th=4, result=0x6
F TVTH_SPANC pin=178, th=4, result=0x6
F TVTH_SPANC pin=172, th=3, result=0x6
F TVTH_SPANC pin=173, th=3, result=0x6
F TVTH_SPANC pin=178, th=3, result=0x6
F TVTH_SPANC pin=172, th=2, result=0x6
F TVTH_SPANC pin=173, th=2, result=0x6
F TVTH_SPANC pin=178, th=2, result=0x6
F TVTH_SPANC pin=172, th=1, result=0x6
F TVTH_SPANC pin=173, th=1, result=0x6
F TVTH_SPANC pin=178, th=1, result=0x6
F TVTH_SPANC pin=172, th=0, result=0x6
F TVTH_SPANC pin=173, th=0, result=0x6
F TVTH_SPANC pin=178, th=0, result=0x6

TVTH_C pin= 1, code=10 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 1, code=63 63 64 63 63 63 62 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 1, code=52 58 62 54 60 54 49 58 56 55 56 57 58 58 58 58

TVTH_F+0 pin= 1, code=36 43 47 39 47 41 35 45 43 42 43 44 44 45 45 45

TVTH_F+1 pin= 1, code=19 26 32 23 32 25 19 31 28 27 28 29 30 30 30 30

TVTH_F+2 pin= 1, code= 1 8 15 6 16 9 2 15 12 12 12 13 14 14 14 14

TVTH pin= 1, code=12

TVTH_C pin= 2, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6

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

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

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

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

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

TVTH pin= 27, code=12

TVTH_C pin= 28, code= 9 8 8 7 7 6 6 6 5 5 5 5 6 6 6 5

TVTH_F-2 pin= 28, code=63 64 63 63 63 63 63 63 63 64 63 63 63 64

TVTH_F-1 pin= 28, code=58 63 53 59 52 60 54 50 62 61 62 63 50 51 50 63

TVTH_F+0 pin= 28, code=42 48 38 45 37 46 40 37 48 48 49 50 37 37 37 50

TVTH_F+1 pin= 28, code=25 31 21 29 21 31 25 21 34 34 35 36 21 21 21 36

TVTH_F+2 pin= 28, code= 6 14 2 12 4 14 8 4 19 18 19 21 4 5 4 21

TVTH pin= 28, code=12

TVTH_C pin= 29, code= 8 7 7 6 6 5 5 4 4 4 4 4 4 4 4 4

TVTH_F-2 pin= 29, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 29, code=58 63 53 58 51 58 52 60 57 56 56 57 58 58 58 58

TVTH_F+0 pin= 29, code=43 49 38 45 38 44 38 48 45 44 44 45 46 46 46 46

TVTH_F+1 pin= 29, code=26 33 22 29 22 30 24 34 31 30 30 31 32 33 33 32

TVTH_F+2 pin= 29, code= 9 16 5 13 5 15 9 20 17 16 16 17 18 18 18 18

TVTH pin= 29, code=12

TVTH_C pin= 30, code= 8 7 7 6 5 5 5 4 4 4 4 4 4 4 4 4

TVTH_F-2 pin= 30, code=63 63 61 63 63 63 60 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 30, code=53 57 48 53 59 53 48 57 55 54 55 56 56 57 57 57

TVTH_F+0 pin= 30, code=39 44 34 40 47 41 36 45 42 42 43 44 44 44 44 44

TVTH_F+1 pin= 30, code=23 28 18 25 33 26 20 31 29 28 29 30 30 32 31 30

TVTH_F+2 pin= 30, code= 6 13 2 10 18 12 6 17 14 14 15 16 16 16 16 16

TVTH pin= 30, code=12

TVTH_C pin= 31, code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin= 31, code=64 63 63 63 63 62 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 31, code=63 54 58 49 56 49 57 53 51 50 51 52 53 53 53 53

TVTH_F+0 pin= 31, code=48 38 44 36 43 36 45 41 38 38 38 39 40 41 41 40

TVTH_F+1 pin= 31, code=33 22 28 19 29 22 31 27 24 24 24 26 26 26 27 26

TVTH_F+2 pin= 31, code=16 5 12 2 12 5 16 12 10 9 10 11 12 12 12 12

TVTH pin= 31, code=12

TVTH_C pin= 32, code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin= 32, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 32, code=63 56 60 52 58 52 59 56 53 53 53 54 55 55 55 55

TVTH_F+0 pin= 32, code=51 41 46 38 45 38 46 43 40 40 40 41 42 42 42 42

TVTH_F+1 pin= 32, code=35 26 31 22 31 24 32 29 26 26 26 27 28 28 29 28

TVTH_F+2 pin= 32, code=19 8 15 6 15 8 18 14 11 11 11 13 13 14 13 13

TVTH pin= 32, code=12

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

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

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

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

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

TVTH_F+2 pin=130, code= 5 13 3 14 8 3 15 14 13 14 1 17 17 17 1 1
TVTH pin=130, code=10
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TVTH_F-2 pin=131, code=63 63 64 63 64 63 63 64 60 64 62 63 63 63 63 63
TVTH_F-1 pin=131, code=53 59 62 55 62 57 52 62 48 61 50 51 52 52 52 52
TVTH_F+0 pin=131, code=38 43 49 41 49 43 38 50 34 49 36 37 38 38 38 37
TVTH_F+1 pin=131, code=20 27 34 24 35 28 23 36 19 34 21 22 23 23 23 22
TVTH_F+2 pin=131, code= 2 9 17 8 18 11 6 21 2 19 4 5 6 6 6 5
TVTH pin=131, code=12
TVTH_C pin=132, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=132, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=132, code=60 51 56 62 55 49 58 56 54 54 55 56 57 57 57 57
TVTH_F+0 pin=132, code=46 36 40 49 42 36 44 41 39 40 41 42 43 43 43 43
TVTH_F+1 pin=132, code=29 19 26 32 26 20 31 28 27 27 28 30 30 31 30 30
TVTH_F+2 pin=132, code=12 1 8 18 10 4 14 11 9 9 10 12 13 13 13 12
TVTH pin=132, code=12
TVTH_C pin=133, code= 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=133, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=133, code=62 54 59 52 60 55 52 51 50 52 53 54 54 54 54 54
TVTH_F+0 pin=133, code=47 38 45 38 46 42 39 38 37 38 40 40 41 40 40 40
TVTH_F+1 pin=133, code=31 22 29 22 33 28 24 23 23 24 25 26 26 26 26 26
TVTH_F+2 pin=133, code=14 5 13 5 16 11 7 6 5 6 8 9 9 9 9 9
TVTH pin=133, code=10
TVTH_C pin=134, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=134, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=134, code=52 57 62 55 50 58 55 53 53 54 55 56 57 57 56 56
TVTH_F+0 pin=134, code=37 43 48 41 35 45 41 40 39 40 42 43 43 43 43 43
TVTH_F+1 pin=134, code=20 28 34 27 21 30 27 25 25 26 27 28 29 28 28 28
TVTH_F+2 pin=134, code= 1 10 18 10 4 16 12 10 10 11 12 13 14 14 13 13
TVTH pin=134, code=11
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=64 64 63 64 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=135, code=58 63 54 60 53 62 57 54 53 53 54 56 57 57 57 56
TVTH_F+0 pin=135, code=44 49 39 47 40 48 43 40 38 39 40 41 42 42 42 42
TVTH_F+1 pin=135, code=27 35 25 31 25 34 29 27 25 25 27 28 29 29 29 29
TVTH_F+2 pin=135, code=10 17 6 16 9 19 13 10 9 9 10 12 12 13 13 12

TVTH pin=135, code=11

TVTH_C pin=136, code=10 9 8 8 8 7 7 6 6 6 6 6 6 7 6 6

TVTH_F-2 pin=136, code=63 64 64 63 63 63 63 64 63 63 63 64 64 63 64 64

TVTH_F-1 pin=136, code=53 60 63 55 48 57 51 61 59 59 60 62 62 50 63 62

TVTH_F+0 pin=136, code=38 43 49 41 34 42 36 48 46 46 47 49 50 35 50 50

TVTH_F+1 pin=136, code=18 27 32 23 15 26 21 33 30 30 32 33 34 19 35 34

TVTH_F+2 pin=136, code=1 7 16 6 1 9 2 17 15 15 16 18 19 1 19 19

TVTH pin=136, code=12

TVTH_C pin=137, code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=137, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=137, code=63 53 58 63 56 49 58 54 52 52 53 54 54 55 55 55

TVTH_F+0 pin=137, code=48 39 43 49 42 36 44 40 38 37 38 39 40 40 40 40

TVTH_F+1 pin=137, code=31 21 28 35 28 21 30 27 24 24 24 25 26 27 27 26

TVTH_F+2 pin=137, code=14 3 10 20 12 4 14 11 8 7 8 10 11 11 11 11

TVTH pin=137, code=12

TVTH_C pin=138, code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=138, code=64 63 63 64 63 62 63 63 62 62 63 63 63 63 63 63

TVTH_F-1 pin=138, code=62 52 57 62 55 49 56 52 50 50 50 51 52 53 52 52

TVTH_F+0 pin=138, code=47 38 42 49 42 35 43 40 37 37 38 39 40 40 40 40

TVTH_F+1 pin=138, code=31 21 26 34 26 19 28 25 22 22 22 24 25 25 25 24

TVTH_F+2 pin=138, code=14 3 10 17 10 3 13 9 6 6 6 8 9 9 9 9

TVTH pin=138, code=12

TVTH_C pin=139, code=9 8 8 8 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=139, code=64 64 63 62 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=139, code=60 63 57 49 56 51 59 56 55 55 56 57 57 58 57 57

TVTH_F+0 pin=139, code=45 51 41 33 42 37 45 43 41 41 42 43 44 44 44 44

TVTH_F+1 pin=139, code=29 36 26 18 27 21 32 29 28 28 29 30 31 31 31 30

TVTH_F+2 pin=139, code=12 19 8 1 11 4 15 12 10 11 12 13 14 14 14 13

TVTH pin=139, code=11

TVTH_C pin=140, code=9 9 8 8 7 7 7 6 6 6 6 7 7 6 6 7

TVTH_F-2 pin=140, code=64 63 64 63 64 63 63 64 63 63 64 62 63 64 64 62

TVTH_F-1 pin=140, code=63 58 62 54 62 56 51 61 60 60 61 49 49 63 62 49

TVTH_F+0 pin=140, code=51 42 48 41 47 42 37 48 47 47 48 34 35 49 49 34

TVTH_F+1 pin=140, code=36 26 32 24 34 27 22 33 32 32 33 20 20 35 35 20

TVTH_F+2 pin=140, code=17 7 15 7 17 11 5 19 17 17 18 2 3 21 20 3

TVTH pin=140, code=11

TVTH_C pin=141, code= 9 9 8 7 7 6 6 6 5 6 5 6 6 6 5 6
TVTH_F-2 pin=141, code=64 63 63 63 63 63 63 62 63 59 63 60 61 62 64 61
TVTH_F-1 pin=141, code=59 50 54 59 52 59 53 50 59 46 59 48 49 49 62 49
TVTH_F+0 pin=141, code=45 35 40 46 39 46 40 36 47 33 47 35 36 36 49 36
TVTH_F+1 pin=141, code=28 18 23 31 23 31 25 21 33 17 34 19 20 20 36 20
TVTH_F+2 pin=141, code=10 1 6 15 7 16 10 6 18 2 18 4 5 5 20 5
TVTH pin=141, code=12
TVTH_C pin=142, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=142, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=142, code=63 55 58 50 57 51 58 54 51 50 51 52 53 53 53 53
TVTH_F+0 pin=142, code=50 40 45 37 43 36 45 41 38 37 37 39 40 40 40 40
TVTH_F+1 pin=142, code=34 24 29 20 29 22 30 26 23 22 22 24 25 25 25 25
TVTH_F+2 pin=142, code=16 5 12 3 12 5 15 11 8 7 8 9 10 10 10 10
TVTH pin=142, code=12
TVTH_C pin=143, code= 9 9 8 7 6 6 6 5 5 5 5 6 5 5 5 6
TVTH_F-2 pin=143, code=63 63 63 63 64 63 63 64 63 63 63 59 63 63 63 60
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TVTH_F+0 pin=143, code=45 34 40 45 51 45 39 48 45 45 45 33 47 47 48 34
TVTH_F+1 pin=143, code=29 18 23 31 37 30 23 34 31 31 31 17 33 34 34 18
TVTH_F+2 pin=143, code=11 1 7 15 23 16 9 19 16 15 16 3 18 19 19 4
TVTH pin=143, code=12
TVTH_C pin=144, code=10 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=144, code=63 64 64 63 64 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=144, code=54 60 63 56 62 56 49 59 56 55 55 57 57 58 58 58
TVTH_F+0 pin=144, code=38 44 49 40 48 41 35 45 42 41 42 43 44 44 44 44
TVTH_F+1 pin=144, code=20 28 33 24 32 26 19 31 28 27 27 28 29 30 30 30
TVTH_F+2 pin=144, code= 1 9 16 6 16 9 2 15 11 10 11 12 13 14 14 13
TVTH pin=144, code=12
TVTH_C pin=145, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F-2 pin=145, code=64 63 63 64 63 63 63 63 63 63 63 63 63 61 63 63
TVTH_F-1 pin=145, code=61 52 58 63 57 52 61 59 58 59 60 61 62 48 61 61
TVTH_F+0 pin=145, code=46 36 42 50 43 38 47 45 44 45 46 47 48 33 47 47
TVTH_F+1 pin=145, code=29 19 26 34 27 21 33 31 30 30 32 33 34 17 33 33
TVTH_F+2 pin=145, code=11 1 8 18 10 4 16 14 12 13 15 16 17 1 16 16
TVTH pin=145, code=11
TVTH_C pin=146, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=146, code=63 64 63 64 63 64 63 63 63 63 63 63 63 63
TVTH_F-1 pin=146, code=60 63 55 62 56 63 58 56 55 56 57 58 59 59 59 58
TVTH_F+0 pin=146, code=43 50 40 47 41 50 46 43 42 43 45 46 46 46 46 46
TVTH_F+1 pin=146, code=27 33 23 32 25 35 30 28 26 27 29 30 30 30 30 30
TVTH_F+2 pin=146, code= 7 17 6 14 7 19 14 11 10 11 13 14 14 14 14 14
TVTH pin=146, code=11
TVTH_C pin=147, code= 9 9 8 7 7 7 6 6 6 6 6 6 7 7 6 6
TVTH_F-2 pin=147, code=64 63 63 64 63 63 64 63 63 63 64 63 62 64 64
TVTH_F-1 pin=147, code=62 52 57 63 58 53 62 60 59 60 61 62 50 50 62 62
TVTH_F+0 pin=147, code=45 36 42 50 43 38 49 47 46 47 48 49 35 34 49 49
TVTH_F+1 pin=147, code=29 19 25 35 28 22 33 31 30 31 33 34 19 19 34 34
TVTH_F+2 pin=147, code=10 1 8 17 10 4 18 15 14 15 17 18 1 1 18 18
TVTH pin=147, code=11
TVTH_C pin=148, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=148, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=148, code=57 63 53 60 54 61 56 54 53 54 55 56 56 56 56 56
TVTH_F+0 pin=148, code=41 48 39 45 39 48 43 41 40 40 42 43 44 44 43 43
TVTH_F+1 pin=148, code=26 32 22 31 24 33 29 26 25 25 27 28 29 29 29 28
TVTH_F+2 pin=148, code= 7 16 6 14 7 18 13 10 9 9 11 13 13 13 13 13
TVTH pin=148, code=11
TVTH_C pin=149, code= 8 8 7 7 6 6 6 6 6 5 6 6 6 6 6 6
TVTH_F-2 pin=149, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=149, code=62 53 58 51 60 55 52 51 50 63 53 53 54 53 53 53
TVTH_F+0 pin=149, code=47 38 44 37 46 41 38 37 36 51 38 39 39 39 39 39
TVTH_F+1 pin=149, code=32 22 29 22 31 26 23 22 21 37 24 24 25 24 24 24
TVTH_F+2 pin=149, code=14 4 13 5 16 10 7 5 5 22 8 8 9 8 8 8
TVTH pin=149, code=10
TVTH_C pin=150, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=150, code=63 64 63 63 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=150, code=55 61 52 59 53 61 58 56 55 56 57 58 58 58 58 57
TVTH_F+0 pin=150, code=39 46 37 45 39 48 44 43 42 43 44 45 45 45 44 44
TVTH_F+1 pin=150, code=22 30 20 29 22 34 30 28 27 28 29 30 30 30 30 30
TVTH_F+2 pin=150, code= 4 13 3 12 6 17 13 11 10 11 13 13 14 13 13 13
TVTH pin=150, code=11
TVTH_C pin=151, code= 8 8 7 7 6 6 6 6 6 5 6 6 6 6 6 6
TVTH_F-2 pin=151, code=64 63 63 63 63 63 63 61 60 63 62 63 63 63 63 63

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

TVTH_F+0 pin=156, code=40 46 51 42 35 44 38 35 46 45 46 48 35 35 49 35
TVTH_F+1 pin=156, code=23 29 36 26 19 28 22 19 32 32 33 34 19 19 35 19
TVTH_F+2 pin=156, code= 4 12 19 9 2 12 6 2 16 15 17 18 2 3 19 2
TVTH pin=156, code=12
TVTH_C pin=157, code=10 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=157, code=63 64 64 63 64 63 64 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=157, code=54 60 63 55 62 55 62 58 56 55 56 57 58 58 58 58
TVTH_F+0 pin=157, code=39 44 49 41 48 41 49 45 42 42 42 44 45 45 45 45
TVTH_F+1 pin=157, code=21 28 33 25 33 26 35 31 28 27 28 29 30 30 30 30
TVTH_F+2 pin=157, code= 1 10 17 7 17 9 19 15 12 11 12 13 14 14 15 14
TVTH pin=157, code=12
TVTH_C pin=158, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=158, code=64 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=158, code=63 55 60 52 58 52 59 56 53 53 53 54 55 55 55 55
TVTH_F+0 pin=158, code=50 40 45 36 44 38 46 42 39 39 40 41 42 42 42 42
TVTH_F+1 pin=158, code=34 23 29 20 29 22 31 27 25 24 25 26 27 27 27 27
TVTH_F+2 pin=158, code=16 5 12 2 12 5 15 11 8 8 9 10 11 11 11 11
TVTH pin=158, code=12
TVTH_C pin=159, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=159, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=159, code=62 53 58 50 57 50 57 54 51 51 51 52 53 54 54 53
TVTH_F+0 pin=159, code=47 37 43 34 43 36 45 41 38 38 38 40 41 41 41 41
TVTH_F+1 pin=159, code=32 21 26 18 26 20 30 26 24 23 24 25 26 26 26 26
TVTH_F+2 pin=159, code=14 3 10 1 10 3 14 10 6 6 7 8 9 10 10 9
TVTH pin=159, code=12
TVTH_C pin=160, code= 9 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5
TVTH_F-2 pin=160, code=63 63 61 63 63 63 59 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=160, code=53 58 48 53 60 53 47 55 52 51 51 53 54 54 54 54
TVTH_F+0 pin=160, code=39 44 33 40 46 39 33 43 40 38 39 40 41 42 42 42
TVTH_F+1 pin=160, code=22 29 18 25 32 25 19 29 26 25 25 26 27 28 28 28
TVTH_F+2 pin=160, code= 4 11 1 9 17 9 2 14 11 10 10 11 13 13 13 13
TVTH pin=160, code=12
TVTH_C pin=161, code= 9 8 8 7 7 6 6 6 5 5 5 6 6 5 6 6
TVTH_F-2 pin=161, code=63 64 63 63 63 63 63 61 63 63 63 60 61 63 61 61
TVTH_F-1 pin=161, code=56 62 52 58 51 57 52 48 59 58 59 47 48 61 48 48
TVTH_F+0 pin=161, code=40 46 36 44 37 44 39 35 46 45 46 34 35 49 35 35

TVTH_F+1 pin=161, code=24 31 20 27 20 30 24 20 32 32 33 19 20 35 20 20
TVTH_F+2 pin=161, code= 6 14 2 11 3 13 6 2 18 17 18 1 2 20 3 2
TVTH pin=161, code=12
TVTH_C pin=162, code= 9 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5
TVTH_F-2 pin=162, code=63 64 63 63 62 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=162, code=57 61 51 56 49 56 50 59 57 56 57 58 59 59 59 59
TVTH_F+0 pin=162, code=42 47 36 42 34 42 36 46 44 43 44 45 46 46 46 46
TVTH_F+1 pin=162, code=24 31 20 27 19 27 21 32 29 28 29 30 31 32 32 31
TVTH_F+2 pin=162, code= 6 13 1 11 3 12 5 17 14 13 14 15 17 17 17 17
TVTH pin=162, code=12
TVTH_C pin=163, code=10 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=163, code=63 64 64 63 64 63 64 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=163, code=54 60 63 56 63 56 63 60 57 57 57 58 59 60 60 60
TVTH_F+0 pin=163, code=38 44 49 41 49 42 50 46 44 43 43 45 46 46 46 46
TVTH_F+1 pin=163, code=20 27 33 24 33 26 36 32 29 28 29 30 31 31 31 31
TVTH_F+2 pin=163, code= 1 8 16 6 16 9 19 15 12 11 12 13 14 15 15 15
TVTH pin=163, code=12
TVTH_C pin=164, code=10 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=164, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=164, code=53 58 61 53 60 54 60 57 54 53 54 55 56 57 57 57
TVTH_F+0 pin=164, code=38 43 48 40 46 40 48 45 42 41 42 43 44 45 45 44
TVTH_F+1 pin=164, code=20 28 33 24 33 26 34 30 27 26 27 29 29 30 30 30
TVTH_F+2 pin=164, code= 1 10 17 8 16 9 19 16 13 12 13 14 15 15 16 15
TVTH pin=164, code=12
TVTH_C pin=165, code= 9 9 8 7 6 6 6 6 5 6 5 6 6 6 6 6
TVTH_F-2 pin=165, code=63 62 63 63 64 63 63 63 63 61 63 63 63 63 63 63
TVTH_F-1 pin=165, code=59 50 53 59 63 59 53 50 61 48 62 50 50 51 50 50
TVTH_F+0 pin=165, code=43 33 40 44 53 46 41 37 48 35 49 37 38 38 38 38
TVTH_F+1 pin=165, code=27 17 22 31 37 30 25 21 35 18 36 21 21 22 21 21
TVTH_F+2 pin=165, code= 7 1 6 13 23 17 11 7 19 4 19 7 7 8 8 7
TVTH pin=165, code=12
TVTH_C pin=166, code= 9 8 7 7 6 6 6 5 5 5 5 5 6 6 5 5
TVTH_F-2 pin=166, code=63 64 64 63 64 63 63 63 63 63 63 63 61 61 63 63
TVTH_F-1 pin=166, code=54 60 63 56 62 56 51 61 59 59 59 60 48 48 61 61
TVTH_F+0 pin=166, code=38 44 50 42 49 43 37 48 46 45 46 47 34 35 48 48
TVTH_F+1 pin=166, code=23 29 34 27 35 29 23 34 32 32 32 34 20 20 35 34

TVTH_F+2 pin=166, code= 4 12 18 10 19 12 6 20 18 17 18 19 3 3 20 20

TVTH pin=166, code=12

TVTH_C pin=167, code= 9 8 8 8 7 6 6 6 6 6 5 6 6 6 6 6

TVTH_F-2 pin=167, code=64 64 63 63 63 64 63 63 63 62 64 63 63 63 63 63

TVTH_F-1 pin=167, code=62 63 58 50 57 62 57 53 50 49 62 51 51 52 52 52

TVTH_F+0 pin=167, code=47 53 42 34 42 50 44 40 37 36 50 38 39 39 39 39

TVTH_F+1 pin=167, code=32 37 26 17 26 35 29 25 22 21 37 22 23 24 24 24

TVTH_F+2 pin=167, code=13 21 10 1 9 19 12 8 5 4 21 6 7 7 7 7

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 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=168, code=63 57 61 52 59 52 60 56 53 52 53 54 55 55 55 55

TVTH_F+0 pin=168, code=51 41 46 37 45 38 46 42 39 38 39 40 41 41 41 41

TVTH_F+1 pin=168, code=35 24 30 21 30 22 31 27 24 23 24 25 26 26 26 26

TVTH_F+2 pin=168, code=17 5 12 2 13 5 15 11 8 7 8 9 10 10 10 10

TVTH pin=168, code=12

TVTH_C pin=169, code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=169, code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=169, code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7

TVTH_F+0 pin=169, code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7

TVTH_F+1 pin=169, code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7

TVTH_F+2 pin=169, code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7

TVTH pin=169, code= 7

TVTH_C pin=170, code=10 10 9 9 9 8 8 8 8 8 8 8 8 8 8 8

TVTH_F-2 pin=170, code=10 10 9 9 9 8 8 8 8 8 8 8 8 8 8 8

TVTH_F-1 pin=170, code=10 10 9 9 9 8 8 8 8 8 8 8 8 8 8 8

TVTH_F+0 pin=170, code=10 10 9 9 9 8 8 8 8 8 8 8 8 8 8 8

TVTH_F+1 pin=170, code=10 10 9 9 9 8 8 8 8 8 8 8 8 8 8 8

TVTH_F+2 pin=170, code=10 10 9 9 9 8 8 8 8 8 8 8 8 8 8 8

TVTH pin=170, code= 6

TVTH_C pin=171, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=171, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=171, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F+0 pin=171, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F+1 pin=171, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F+2 pin=171, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH pin=171, code= 6

TVTH_C pin=172, code=16 16 16 16 16 16 16 16 16 16 16 16 16

TVTH_F-2 pin=172, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F-1 pin=172, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F+0 pin=172, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F+1 pin=172, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F+2 pin=172, code=64 64 64 64 64 64 64 64 64 64 64 64 64

F TVTH pin=172

TVTH_C pin=173, code=16 16 16 16 16 16 16 16 16 16 16 16 16

TVTH_F-2 pin=173, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F-1 pin=173, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F+0 pin=173, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F+1 pin=173, code=64 64 64 64 64 64 64 64 64 64 64 64 64

TVTH_F+2 pin=173, code=64 64 64 64 64 64 64 64 64 64 64 64 64

F TVTH pin=173

TVTH_C pin=174, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH_F-2 pin=174, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH_F-1 pin=174, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH_F+0 pin=174, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH_F+1 pin=174, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH_F+2 pin=174, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH pin=174, code= 8

TVTH_C pin=175, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=175, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin=175, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F+0 pin=175, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F+1 pin=175, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F+2 pin=175, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH pin=175, code= 6

TVTH_C pin=176, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH_F-2 pin=176, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH_F-1 pin=176, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH_F+0 pin=176, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH_F+1 pin=176, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH_F+2 pin=176, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH pin=176, code= 6

TVTH_C pin=177, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 7 7
TVTH_F-2 pin=177, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 7 7
TVTH_F-1 pin=177, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 7 7
TVTH_F+0 pin=177, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 7 7
TVTH_F+1 pin=177, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 7 7
TVTH_F+2 pin=177, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 7 7

TVTH pin=177, code= 6

TVTH_C pin=178, code=16 16 16 16 16 16 16 16 16 16 16 16 16
TVTH_F-2 pin=178, code=64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F-1 pin=178, code=64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F+0 pin=178, code=64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F+1 pin=178, code=64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F+2 pin=178, code=64 64 64 64 64 64 64 64 64 64 64 64

F TVTH pin=178

TVTH_C pin=179, code= 9 9 8 8 7 7 6 6 6 6 7 7 6 6 7 7
TVTH_F-2 pin=179, code= 9 9 8 8 7 7 6 6 6 6 7 7 6 6 7 7
TVTH_F-1 pin=179, code= 9 9 8 8 7 7 6 6 6 6 7 7 6 6 7 7
TVTH_F+0 pin=179, code= 9 9 8 8 7 7 6 6 6 6 7 7 6 6 7 7
TVTH_F+1 pin=179, code= 9 9 8 8 7 7 6 6 6 6 7 7 6 6 7 7
TVTH_F+2 pin=179, code= 9 9 8 8 7 7 6 6 6 6 7 7 6 6 7 7

TVTH pin=179, code= 6

TVTH_C pin=180, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F-2 pin=180, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F-1 pin=180, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F+0 pin=180, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F+1 pin=180, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F+2 pin=180, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH pin=180, code= 8

TVTH_C pin=181, code= 9 9 8 8 7 7 7 6 6 6 6 6 6 7 6 6
TVTH_F-2 pin=181, code= 9 9 8 8 7 7 7 6 6 6 6 6 6 7 6 6
TVTH_F-1 pin=181, code= 9 9 8 8 7 7 7 6 6 6 6 6 6 7 6 6
TVTH_F+0 pin=181, code= 9 9 8 8 7 7 7 6 6 6 6 6 6 7 6 6
TVTH_F+1 pin=181, code= 9 9 8 8 7 7 7 6 6 6 6 6 6 7 6 6
TVTH_F+2 pin=181, code= 9 9 8 8 7 7 7 6 6 6 6 6 6 7 6 6

TVTH pin=181, code= 8

TVTH_C pin=182, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=182, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH_F-1 pin=182, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH_F+0 pin=182, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH_F+1 pin=182, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH_F+2 pin=182, code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH pin=182, code= 8
 TVTH_C pin=183, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F-2 pin=183, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F-1 pin=183, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F+0 pin=183, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F+1 pin=183, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F+2 pin=183, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH pin=183, code= 7
 TVTH_C pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7
 TVTH_F-2 pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7
 TVTH_F-1 pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7
 TVTH_F+0 pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7
 TVTH_F+1 pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7
 TVTH_F+2 pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7
 TVTH pin=184, code= 7

<<<Timing generator process parameter calibration[FAIL/pin=172:173,178]>>>

<<<Timing generator span calibration>>>

F TVSPANC_FMIN pin=172, edge=1, result=0x6
 F TVSPANC_FMIN pin=173, edge=1, result=0x6
 F TVSPANC_FMIN pin=178, edge=1, result=0x6
 F TVSPANC_FMAX pin=172, edge=1, result=0x6
 F TVSPANC_FMAX pin=173, edge=1, result=0x6
 F TVSPANC_FMAX pin=178, edge=1, result=0x6
 F TVSPANC_FMIN pin=172, edge=2, result=0x1
 F TVSPANC_FMIN pin=173, edge=2, result=0x1
 F TVSPANC_FMIN pin=178, edge=2, result=0x1
 F TVSPANC_FMAX pin=172, edge=2, result=0x1
 F TVSPANC_FMAX pin=173, edge=2, result=0x1
 F TVSPANC_FMAX pin=178, edge=2, result=0x1
 F TVSPANC_FMIN pin=172, edge=3, result=0x6
 F TVSPANC_FMIN pin=173, edge=3, result=0x6

F TVSPANC_FMIN pin=178, edge=3, result=0x6
F TVSPANC_FMAX pin=172, edge=3, result=0x6
F TVSPANC_FMAX pin=173, edge=3, result=0x6
F TVSPANC_FMAX pin=178, edge=3, result=0x6
F TVSPANC_FMIN pin=172, edge=4, result=0x1
F TVSPANC_FMIN pin=173, edge=4, result=0x1
F TVSPANC_FMIN pin=174, edge=4, result=0x6
F TVSPANC_FMIN pin=178, edge=4, result=0x1
F TVSPANC_FMAX pin=172, edge=4, result=0x1
F TVSPANC_FMAX pin=173, edge=4, result=0x1
F TVSPANC_FMAX pin=174, edge=4, result=0x6
F TVSPANC_FMAX pin=178, edge=4, result=0x1
F TVSPANC_FMIN pin=172, edge=5, result=0x1
F TVSPANC_FMIN pin=173, edge=5, result=0x1
F TVSPANC_FMIN pin=178, edge=5, result=0x1
F TVSPANC_FMAX pin=172, edge=5, result=0x1
F TVSPANC_FMAX pin=173, edge=5, result=0x1
F TVSPANC_FMAX pin=178, edge=5, result=0x1
F TVSPANC_FMIN pin=172, edge=6, result=0x1
F TVSPANC_FMIN pin=173, edge=6, result=0x1
F TVSPANC_FMIN pin=178, edge=6, result=0x1
F TVSPANC_FMAX pin=172, edge=6, result=0x1
F TVSPANC_FMAX pin=173, edge=6, result=0x1
F TVSPANC_FMAX pin=178, edge=6, result=0x1
F TVSPANF pin=172, edge=1, result=0xa
F TVSPANF pin=173, edge=1, result=0xa
F TVSPANF pin=178, edge=1, result=0xa
F TVSPANF pin=172, edge=2, result=0x9
F TVSPANF pin=173, edge=2, result=0x9
F TVSPANF pin=178, edge=2, result=0x9
F TVSPANF pin=172, edge=3, result=0xa
F TVSPANF pin=173, edge=3, result=0xa
F TVSPANF pin=178, edge=3, result=0xa
F TVSPANF pin=172, edge=4, result=0x9
F TVSPANF pin=173, edge=4, result=0x9
F TVSPANF pin=174, edge=4, result=0x6

F TVSPANF pin=178, edge=4, result=0x9
F TVSPANF pin=172, edge=5, result=0x9
F TVSPANF pin=173, edge=5, result=0x9
F TVSPANF pin=178, edge=5, result=0x9
F TVSPANF pin=172, edge=6, result=0x9
F TVSPANF pin=173, edge=6, result=0x9
F TVSPANF pin=178, edge=6, result=0x9

TVSPANC pin= 1, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)
TVSPANC pin= 2, code= 6 (min= 8 8 8 7 8 7, max= 5 5 4 4 5 4)
TVSPANC pin= 3, code= 6 (min= 8 8 8 7 8 7, max= 5 4 4 4 5 4)
TVSPANC pin= 4, code= 5 (min= 8 8 8 7 7 7, max= 4 4 4 4 4 4)
TVSPANC pin= 5, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin= 6, code= 6 (min= 7 8 7 7 7 7, max= 4 5 4 4 4 4)
TVSPANC pin= 7, code= 6 (min= 8 7 8 7 7 7, max= 4 4 5 4 4 4)
TVSPANC pin= 8, code= 6 (min= 9 8 8 8 8 8, max= 5 4 5 5 5 4)
TVSPANC pin= 9, code= 6 (min= 8 8 7 7 7 7, max= 4 5 4 4 4 3)
TVSPANC pin= 10, code= 5 (min= 8 8 7 8 7 8, max= 4 4 4 4 4 4)
TVSPANC pin= 11, code= 6 (min= 8 8 8 7 8 7, max= 4 5 5 4 4 4)
TVSPANC pin= 12, code= 6 (min= 8 8 8 8 8 7, max= 4 5 5 4 4 4)
TVSPANC pin= 13, code= 6 (min= 9 9 9 8 9 8, max= 5 5 5 5 5 5)
TVSPANC pin= 14, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 15, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 5 4)
TVSPANC pin= 16, code= 7 (min= 8 9 9 9 8 8, max= 5 6 6 6 5 5)
TVSPANC pin= 17, code= 5 (min= 8 7 7 7 7 7, max= 4 3 4 4 4 4)
TVSPANC pin= 18, code= 5 (min= 7 7 7 7 7 7, max= 4 4 3 4 4 3)
TVSPANC pin= 19, code= 6 (min= 8 7 8 8 8 8, max= 5 4 4 4 5 4)
TVSPANC pin= 20, code= 6 (min= 8 8 8 8 8 8, max= 4 4 4 4 4 5)
TVSPANC pin= 21, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 4 4)
TVSPANC pin= 22, code= 7 (min= 8 9 9 8 8 8, max= 5 5 6 5 4 5)
TVSPANC pin= 23, code= 6 (min= 8 8 8 8 8 8, max= 4 5 5 4 5 4)
TVSPANC pin= 24, code= 6 (min= 8 8 7 8 7 8, max= 5 5 4 5 4 4)
TVSPANC pin= 25, code= 5 (min= 7 7 7 7 8 7, max= 4 4 3 4 4 4)
TVSPANC pin= 26, code= 5 (min= 8 7 7 8 7 7, max= 4 3 4 4 4 4)
TVSPANC pin= 27, code= 5 (min= 8 7 8 7 8 7, max= 4 4 4 4 4 4)
TVSPANC pin= 28, code= 6 (min= 8 7 7 7 7 7, max= 5 4 4 3 4 4)
TVSPANC pin= 29, code= 4 (min= 7 6 7 6 6 6, max= 3 3 3 3 3 3)

TVSPANC pin= 30, code= 4 (min= 6 7 6 6 6 6, max= 3 3 3 3 2 2)
TVSPANC pin= 31, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 3 4 4)
TVSPANC pin= 32, code= 5 (min= 7 7 7 6 7 7, max= 4 4 3 3 3 3)
TVSPANC pin= 33, code= 6 (min= 7 7 8 7 8 7, max= 4 4 5 4 4 4)
TVSPANC pin= 34, code= 6 (min= 8 8 7 7 8 8, max= 4 5 4 4 5 4)
TVSPANC pin= 35, code= 6 (min= 8 8 8 8 8 8, max= 5 4 4 5 4 4)
TVSPANC pin= 36, code= 6 (min= 8 8 8 8 8 8, max= 4 4 5 5 4 5)
TVSPANC pin= 37, code= 6 (min= 8 8 8 8 8 8, max= 4 4 5 4 4 4)
TVSPANC pin= 38, code= 6 (min= 8 8 8 7 7 8, max= 4 5 5 4 4 4)
TVSPANC pin= 39, code= 6 (min= 8 8 8 7 7 8, max= 5 5 4 4 4 4)
TVSPANC pin= 40, code= 7 (min= 8 8 8 8 8 8, max= 6 5 4 4 5 5)
TVSPANC pin= 41, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)
TVSPANC pin= 42, code= 7 (min= 8 8 8 8 8 8, max= 6 5 5 5 5 5)
TVSPANC pin= 43, code= 6 (min= 8 8 8 8 8 7, max= 5 4 5 5 4 4)
TVSPANC pin= 44, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin= 45, code= 6 (min= 8 8 7 7 8 7, max= 4 4 4 4 5 4)
TVSPANC pin= 46, code= 6 (min= 8 8 8 7 8 8, max= 5 5 5 4 4 4)
TVSPANC pin= 47, code= 6 (min= 8 8 8 8 8 7, max= 5 5 4 4 4 4)
TVSPANC pin= 48, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 49, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 4 4)
TVSPANC pin= 50, code= 6 (min= 8 8 8 8 8 7, max= 5 4 5 4 4 3)
TVSPANC pin= 51, code= 7 (min= 8 9 8 8 8 8, max= 5 6 6 5 5 5)
TVSPANC pin= 52, code= 7 (min= 9 8 8 8 8 8, max= 6 4 5 4 4 4)
TVSPANC pin= 53, code= 5 (min= 8 7 8 7 7 7, max= 4 4 4 4 4 3)
TVSPANC pin= 54, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 4 4)
TVSPANC pin= 55, code= 5 (min= 7 7 7 7 7 6, max= 4 4 4 3 4 3)
TVSPANC pin= 56, code= 6 (min= 7 8 7 7 8 7, max= 4 5 4 4 4 4)
TVSPANC pin=129, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=130, code= 7 (min= 8 8 9 8 9 8, max= 5 5 6 5 5 5)
TVSPANC pin=131, code= 6 (min= 8 8 8 9 8 8, max= 4 5 5 5 5 4)
TVSPANC pin=132, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 5 5)
TVSPANC pin=133, code= 6 (min= 8 8 8 7 8 8, max= 4 4 4 4 4 5)
TVSPANC pin=134, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)
TVSPANC pin=135, code= 6 (min= 8 8 8 7 8 7, max= 5 4 4 4 4 4)
TVSPANC pin=136, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=137, code= 6 (min= 8 8 8 8 8 7, max= 4 5 5 5 4 4)

TVSPANC pin=138, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 5 4)
TVSPANC pin=139, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=140, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)
TVSPANC pin=141, code= 6 (min= 7 8 8 8 7 7, max= 4 5 4 4 4 4)
TVSPANC pin=142, code= 6 (min= 8 8 7 7 7 7, max= 4 5 4 3 4 3)
TVSPANC pin=143, code= 6 (min= 7 8 8 8 8 7, max= 4 5 4 5 5 4)
TVSPANC pin=144, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=145, code= 6 (min= 8 8 8 7 7 8, max= 5 5 4 4 4 4)
TVSPANC pin=146, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=147, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=148, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)
TVSPANC pin=149, code= 6 (min= 8 8 8 8 8 7, max= 5 4 5 4 4 4)
TVSPANC pin=150, code= 6 (min= 8 8 8 8 7 7, max= 5 5 5 5 4 4)
TVSPANC pin=151, code= 6 (min= 8 8 7 8 8 7, max= 4 4 4 5 4 4)
TVSPANC pin=152, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=153, code= 7 (min= 8 8 8 8 8 8, max= 5 6 5 5 5 5)
TVSPANC pin=154, code= 7 (min= 8 9 8 8 8 8, max= 5 6 5 5 5 5)
TVSPANC pin=155, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 5 4 4)
TVSPANC pin=156, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 5 4 4)
TVSPANC pin=157, code= 6 (min= 8 8 8 8 7 8, max= 5 5 5 5 4 4)
TVSPANC pin=158, code= 6 (min= 8 8 8 7 8 7, max= 4 4 5 4 4 4)
TVSPANC pin=159, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 4 4 4)
TVSPANC pin=160, code= 5 (min= 7 7 8 7 7 7, max= 3 4 4 4 4 4)
TVSPANC pin=161, code= 6 (min= 7 8 8 7 8 7, max= 4 4 4 4 5 4)
TVSPANC pin=162, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 4 4 3)
TVSPANC pin=163, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 5 5 4)
TVSPANC pin=164, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=165, code= 6 (min= 8 8 8 7 7 8, max= 4 5 5 4 4 5)
TVSPANC pin=166, code= 6 (min= 7 7 8 7 8 8, max= 4 4 4 4 4 5)
TVSPANC pin=167, code= 5 (min= 7 7 7 7 8 7, max= 4 4 3 4 4 4)
TVSPANC pin=168, code= 6 (min= 8 7 8 8 8 8, max= 5 4 4 4 4 4)
TVSPANC pin=169, code= 7 (min= 9 9 9 9 8 9, max= 6 6 6 6 5 5)
TVSPANC pin=170, code= 8 (min= 10 9 9 9 10 9, max= 7 6 6 6 7 6)
TVSPANC pin=171, code= 7 (min= 9 8 8 9 8 9, max= 6 5 5 6 5 6)
F TVSPANC pin=172, code= 0 (min= 16 15 16 15 15 15, max= 17 16 17 16 16 16)
F TVSPANC pin=173, code= 0 (min= 16 15 16 15 15 15, max= 17 16 17 16 16 16)

F TVSPANC pin=174, code= 7 (min= 8 9 9 16 8 8, max= 5 6 6 17 5 5)
TVSPANC pin=175, code= 6 (min= 8 8 9 7 8 8, max= 5 5 6 4 5 5)
TVSPANC pin=176, code= 6 (min= 7 8 8 8 8 8, max= 4 5 5 5 5 5)
TVSPANC pin=177, code= 7 (min= 9 9 9 8 8 9, max= 6 6 6 5 5 5)
F TVSPANC pin=178, code= 0 (min=16 15 16 15 15 15, max=17 16 17 16 16 16)
TVSPANC pin=179, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 4 5)
TVSPANC pin=180, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=181, code= 7 (min= 8 8 8 8 8 9, max= 5 5 6 5 5 5)
TVSPANC pin=182, code= 6 (min= 8 8 8 9 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=183, code= 6 (min= 8 8 9 8 8 8, max= 4 5 5 5 5 5)
TVSPANC pin=184, code= 7 (min= 9 9 8 8 8 8, max= 6 5 5 5 5 5)
TVSPANF pin= 1, code=44 43 48 37 37 36
TVSPANF pin= 2, code=40 42 34 34 47 30
TVSPANF pin= 3, code=41 37 35 26 43 31
TVSPANF pin= 4, code=51 53 50 45 45 39
TVSPANF pin= 5, code=48 45 43 38 40 41
TVSPANF pin= 6, code=35 44 33 33 37 31
TVSPANF pin= 7, code=37 34 41 27 31 30
TVSPANF pin= 8, code=46 34 44 45 41 40
TVSPANF pin= 9, code=39 41 30 29 33 22
TVSPANF pin= 10, code=51 48 45 45 46 47
TVSPANF pin= 11, code=38 43 44 36 40 35
TVSPANF pin= 12, code=38 40 39 36 38 35
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TVSPANF pin= 14, code=45 49 42 47 49 43
TVSPANF pin= 15, code=48 42 43 42 41 36
TVSPANF pin= 16, code=32 42 41 41 30 28
TVSPANF pin= 17, code=52 41 47 45 44 44
TVSPANF pin= 18, code=43 43 39 46 43 42
TVSPANF pin= 19, code=44 33 38 36 41 41
TVSPANF pin= 20, code=39 39 41 37 40 41
TVSPANF pin= 21, code=41 33 39 38 33 37
TVSPANF pin= 22, code=34 34 38 33 24 25
TVSPANF pin= 23, code=43 41 43 40 45 35
TVSPANF pin= 24, code=41 49 30 38 31 36
TVSPANF pin= 25, code=42 42 40 45 45 41

TVSPANF pin= 26, code=48 41 46 49 42 44
TVSPANF pin= 27, code=51 46 49 52 48 49
TVSPANF pin= 28, code=37 32 30 27 36 26
TVSPANF pin= 29, code=46 49 48 45 46 44
TVSPANF pin= 30, code=44 46 45 40 37 38
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TVSPANF pin= 40, code=34 29 23 21 27 28
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TVSPANF pin= 42, code=35 37 34 28 34 37
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TVSPANF pin= 49, code=40 45 45 38 39 37
TVSPANF pin= 50, code=41 40 40 39 36 30
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TVSPANF pin=131, code=38 42 43 50 44 36
TVSPANF pin=132, code=43 41 45 37 42 41
TVSPANF pin=133, code=40 39 32 36 37 46

TVSPANF pin=134, code=43 38 42 47 40 38
TVSPANF pin=135, code=41 36 38 31 35 28
TVSPANF pin=136, code=50 50 46 33 43 35
TVSPANF pin=137, code=40 41 45 43 37 31
TVSPANF pin=138, code=40 39 45 44 42 33
TVSPANF pin=139, code=43 43 45 39 43 36
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TVSPANF pin=142, code=40 41 32 23 31 23
TVSPANF pin=143, code=34 42 38 40 44 32
TVSPANF pin=144, code=44 43 40 40 40 35
TVSPANF pin=145, code=48 40 38 33 32 33
TVSPANF pin=146, code=46 41 41 36 41 33
TVSPANF pin=147, code=50 45 45 46 47 51
TVSPANF pin=148, code=43 46 49 48 45 35
TVSPANF pin=149, code=39 35 39 35 38 29
TVSPANF pin=150, code=45 42 40 39 34 33
TVSPANF pin=151, code=37 38 36 39 41 38
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TVSPANF pin=165, code=38 42 44 36 34 37
TVSPANF pin=166, code=34 29 34 30 37 41
TVSPANF pin=167, code=51 43 39 44 47 49
TVSPANF pin=168, code=41 32 30 35 33 36
TVSPANF pin=169, code= 4 4 4 4 4 4

TVSPANF pin=170, code= 5 5 5 5 5 5
TVSPANF pin=171, code= 5 5 5 5 5 5
F TVSPANF pin=172, code=15 15 15 15 15 15
F TVSPANF pin=173, code=15 15 15 15 15 15
F TVSPANF pin=174, code= 4 4 4 4 4 4
TVSPANF pin=175, code= 4 4 4 4 4 4
TVSPANF pin=176, code= 4 4 4 3 4 4
TVSPANF pin=177, code= 4 4 4 4 4 4
F TVSPANF pin=178, code=15 15 15 15 15 15
TVSPANF pin=179, code= 4 4 4 4 4 4
TVSPANF pin=180, code= 4 4 4 4 4 4
TVSPANF pin=181, code= 4 4 4 4 4 4
TVSPANF pin=182, code= 4 4 4 4 4 4
TVSPANF pin=183, code= 4 4 4 4 4 4
TVSPANF pin=184, code= 4 4 4 3 4 4
<<<Timing generator span calibration[FAIL/pin=172:174,178]>>>

<<<HCLK DC calibration >>>

DRV_L ch=1, code= 625, volt=-2.4384
DRV_L ch=1, code=1125, volt=-1.4399
DRV_L ch=1, code=1875, volt= 0.0595
DRV_L ch=1, code=2625, volt= 1.5609
DRV_L ch=1, code=3375, volt= 3.0625
DRV_H ch=1, code=1125, volt=-1.4636
DRV_H ch=1, code=1875, volt= 0.0349
DRV_H ch=1, code=3375, volt= 3.0400
DRV_H ch=1, code=4875, volt= 6.0438
DRV_H ch=1, code=5875, volt= 8.0474
DRV_L ch=2, code= 625, volt=-2.4472
DRV_L ch=2, code=1125, volt=-1.4482
DRV_L ch=2, code=1875, volt= 0.0523
DRV_L ch=2, code=2625, volt= 1.5546
DRV_L ch=2, code=3375, volt= 3.0579
DRV_H ch=2, code=1125, volt=-1.4665
DRV_H ch=2, code=1875, volt= 0.0343
DRV_H ch=2, code=3375, volt= 3.0409
DRV_H ch=2, code=4875, volt= 6.0482

DRV_H ch=2, code=5875, volt= 8.0506
DRV_L ch=3, code= 625, volt=-2.4595
DRV_L ch=3, code=1125, volt=-1.4587
DRV_L ch=3, code=1875, volt= 0.0436
DRV_L ch=3, code=2625, volt= 1.5470
DRV_L ch=3, code=3375, volt= 3.0501
DRV_H ch=3, code=1125, volt=-1.4348
DRV_H ch=3, code=1875, volt= 0.0672
DRV_H ch=3, code=3375, volt= 3.0700
DRV_H ch=3, code=4875, volt= 6.0760
DRV_H ch=3, code=5875, volt= 8.0804
DRV_L ch=4, code= 625, volt=-2.4843
DRV_L ch=4, code=1125, volt=-1.4873
DRV_L ch=4, code=1875, volt= 0.0107
DRV_L ch=4, code=2625, volt= 1.5098
DRV_L ch=4, code=3375, volt= 3.0091
DRV_H ch=4, code=1125, volt=-1.4301
DRV_H ch=4, code=1875, volt= 0.0665
DRV_H ch=4, code=3375, volt= 3.0632
DRV_H ch=4, code=4875, volt= 6.0607
DRV_H ch=4, code=5875, volt= 8.0592

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

<<<LCD DC calibration >>>

PPCP_OFST_H pin= 1, code=114 (max=116, min=113)
PPCP_OFST_H pin= 2, code=103 (max=104, min=102)
PPCP_OFST_H pin= 3, code=108 (max=109, min=108)
PPCP_OFST_H pin= 4, code=102 (max=105, min=101)
PPCP_OFST_H pin= 5, code=105 (max=106, min=104)
PPCP_OFST_H pin= 6, code=105 (max=106, min=103)
PPCP_OFST_H pin= 7, code=108 (max=109, min=106)
PPCP_OFST_H pin= 8, code=110 (max=112, min=109)
PPCP_OFST_H pin= 9, code=105 (max=106, min=104)
PPCP_OFST_H pin= 10, code=107 (max=108, min=105)
PPCP_OFST_H pin= 11, code= 90 (max= 91, min= 88)
PPCP_OFST_H pin= 12, code=107 (max=108, min=105)
PPCP_OFST_H pin= 13, code=108 (max=109, min=106)

PPCP_OFST_H pin= 14, code=108 (max=110, min=107)
PPCP_OFST_H pin= 15, code=109 (max=110, min=108)
PPCP_OFST_H pin= 16, code=110 (max=111, min=109)
PPCP_OFST_L pin= 1, code=123 (max=124, min=121)
PPCP_OFST_L pin= 2, code=119 (max=120, min=118)
PPCP_OFST_L pin= 3, code=118 (max=120, min=116)
PPCP_OFST_L pin= 4, code=111 (max=113, min=110)
PPCP_OFST_L pin= 5, code=115 (max=116, min=113)
PPCP_OFST_L pin= 6, code=111 (max=113, min=110)
PPCP_OFST_L pin= 7, code=119 (max=120, min=118)
PPCP_OFST_L pin= 8, code=111 (max=112, min=109)
PPCP_OFST_L pin= 9, code=119 (max=121, min=118)
PPCP_OFST_L pin= 10, code=110 (max=111, min=109)
PPCP_OFST_L pin= 11, code=118 (max=120, min=116)
PPCP_OFST_L pin= 12, code=109 (max=110, min=107)
PPCP_OFST_L pin= 13, code=114 (max=116, min=113)
PPCP_OFST_L pin= 14, code=116 (max=117, min=115)
PPCP_OFST_L pin= 15, code=107 (max=108, min=106)
PPCP_OFST_L pin= 16, code=112 (max=113, min=110)
PPCP_OFST_H pin= 17, code=125 (max=126, min=124)
PPCP_OFST_H pin= 18, code=115 (max=116, min=114)
PPCP_OFST_H pin= 19, code=121 (max=122, min=119)
PPCP_OFST_H pin= 20, code=122 (max=124, min=121)
PPCP_OFST_H pin= 21, code=120 (max=121, min=119)
PPCP_OFST_H pin= 22, code=118 (max=119, min=117)
PPCP_OFST_H pin= 23, code=119 (max=120, min=117)
PPCP_OFST_H pin= 24, code=115 (max=117, min=114)
PPCP_OFST_H pin= 25, code=122 (max=123, min=121)
PPCP_OFST_H pin= 26, code=118 (max=119, min=117)
PPCP_OFST_H pin= 27, code= 91 (max= 92, min= 89)
PPCP_OFST_H pin= 28, code=121 (max=122, min=120)
PPCP_OFST_H pin= 29, code=110 (max=111, min=109)
PPCP_OFST_H pin= 30, code=114 (max=116, min=113)
PPCP_OFST_H pin= 31, code=112 (max=113, min=110)
PPCP_OFST_H pin= 32, code=116 (max=118, min=115)
PPCP_OFST_L pin= 17, code=117 (max=119, min=116)

PPCP_OFST_L pin= 18, code=114 (max=115, min=112)
PPCP_OFST_L pin= 19, code=123 (max=124, min=121)
PPCP_OFST_L pin= 20, code=114 (max=115, min=113)
PPCP_OFST_L pin= 21, code=121 (max=123, min=120)
PPCP_OFST_L pin= 22, code=112 (max=113, min=110)
PPCP_OFST_L pin= 23, code=119 (max=120, min=118)
PPCP_OFST_L pin= 24, code=109 (max=110, min=108)
PPCP_OFST_L pin= 25, code=121 (max=122, min=119)
PPCP_OFST_L pin= 26, code=110 (max=112, min=109)
PPCP_OFST_L pin= 27, code=120 (max=121, min=119)
PPCP_OFST_L pin= 28, code=107 (max=108, min=106)
PPCP_OFST_L pin= 29, code=112 (max=113, min=111)
PPCP_OFST_L pin= 30, code=113 (max=115, min=111)
PPCP_OFST_L pin= 31, code=114 (max=116, min=113)
PPCP_OFST_L pin= 32, code=110 (max=111, min=109)
PPCP_OFST_H pin= 33, code=121 (max=123, min=119)
PPCP_OFST_H pin= 34, code=116 (max=117, min=114)
PPCP_OFST_H pin= 35, code=118 (max=119, min=117)
PPCP_OFST_H pin= 36, code=116 (max=117, min=114)
PPCP_OFST_H pin= 37, code=117 (max=118, min=116)
PPCP_OFST_H pin= 38, code=118 (max=120, min=117)
PPCP_OFST_H pin= 39, code=117 (max=118, min=115)
PPCP_OFST_H pin= 40, code=114 (max=115, min=112)
PPCP_OFST_H pin= 41, code=122 (max=123, min=121)
PPCP_OFST_H pin= 42, code=111 (max=113, min=109)
PPCP_OFST_H pin= 43, code= 86 (max= 88, min= 85)
PPCP_OFST_H pin= 44, code=113 (max=115, min=112)
PPCP_OFST_H pin= 45, code=109 (max=110, min=108)
PPCP_OFST_H pin= 46, code=114 (max=116, min=113)
PPCP_OFST_H pin= 47, code=105 (max=107, min=104)
PPCP_OFST_H pin= 48, code=116 (max=118, min=115)
PPCP_OFST_L pin= 33, code=116 (max=117, min=115)
PPCP_OFST_L pin= 34, code=115 (max=116, min=114)
PPCP_OFST_L pin= 35, code=119 (max=121, min=118)
PPCP_OFST_L pin= 36, code=111 (max=112, min=110)
PPCP_OFST_L pin= 37, code=116 (max=117, min=114)

PPCP_OFST_L pin= 38, code=112 (max=113, min=110)
PPCP_OFST_L pin= 39, code=115 (max=116, min=114)
PPCP_OFST_L pin= 40, code=109 (max=111, min=108)
PPCP_OFST_L pin= 41, code=117 (max=118, min=116)
PPCP_OFST_L pin= 42, code=108 (max=109, min=106)
PPCP_OFST_L pin= 43, code=118 (max=119, min=117)
PPCP_OFST_L pin= 44, code=109 (max=111, min=108)
PPCP_OFST_L pin= 45, code=117 (max=119, min=116)
PPCP_OFST_L pin= 46, code=112 (max=114, min=112)
PPCP_OFST_L pin= 47, code=111 (max=112, min=110)
PPCP_OFST_L pin= 48, code=113 (max=113, min=112)
PPCP_OFST_H pin= 49, code=130 (max=132, min=129)
PPCP_OFST_H pin= 50, code=129 (max=130, min=127)
PPCP_OFST_H pin= 51, code=136 (max=137, min=134)
PPCP_OFST_H pin= 52, code=128 (max=129, min=127)
PPCP_OFST_H pin= 53, code=138 (max=139, min=137)
PPCP_OFST_H pin= 54, code=127 (max=128, min=126)
PPCP_OFST_H pin= 55, code=128 (max=129, min=126)
PPCP_OFST_H pin= 56, code=133 (max=134, min=133)
PPCP_OFST_H pin= 57, code=129 (max=130, min=128)
PPCP_OFST_H pin= 58, code=127 (max=128, min=126)
PPCP_OFST_H pin= 59, code=103 (max=104, min=101)
PPCP_OFST_H pin= 60, code=127 (max=128, min=125)
PPCP_OFST_H pin= 61, code=123 (max=124, min=121)
PPCP_OFST_H pin= 62, code=124 (max=125, min=122)
PPCP_OFST_H pin= 63, code=120 (max=121, min=119)
PPCP_OFST_H pin= 64, code=120 (max=121, min=118)
PPCP_OFST_L pin= 49, code=115 (max=117, min=114)
PPCP_OFST_L pin= 50, code=107 (max=109, min=106)
PPCP_OFST_L pin= 51, code=116 (max=118, min=115)
PPCP_OFST_L pin= 52, code=108 (max=109, min=106)
PPCP_OFST_L pin= 53, code=117 (max=118, min=115)
PPCP_OFST_L pin= 54, code=107 (max=108, min=105)
PPCP_OFST_L pin= 55, code=113 (max=116, min=112)
PPCP_OFST_L pin= 56, code=114 (max=115, min=113)
PPCP_OFST_L pin= 57, code=119 (max=120, min=117)

PPCP_OFST_L pin= 58, code=110 (max=111, min=108)
PPCP_OFST_L pin= 59, code=114 (max=116, min=113)
PPCP_OFST_L pin= 60, code=108 (max=110, min=106)
PPCP_OFST_L pin= 61, code=113 (max=114, min=111)
PPCP_OFST_L pin= 62, code=110 (max=111, min=109)
PPCP_OFST_L pin= 63, code=105 (max=106, min=103)
PPCP_OFST_L pin= 64, code=107 (max=108, min=105)
PPCP_OFST_H pin= 65, code=134 (max=135, min=133)
PPCP_OFST_H pin= 66, code=124 (max=125, min=122)
PPCP_OFST_H pin= 67, code=124 (max=126, min=123)
PPCP_OFST_H pin= 68, code=126 (max=128, min=125)
PPCP_OFST_H pin= 69, code=123 (max=124, min=122)
PPCP_OFST_H pin= 70, code=118 (max=119, min=117)
PPCP_OFST_H pin= 71, code=126 (max=128, min=125)
PPCP_OFST_H pin= 72, code=120 (max=121, min=119)
PPCP_OFST_H pin= 73, code=127 (max=129, min=126)
PPCP_OFST_H pin= 74, code=124 (max=125, min=123)
PPCP_OFST_H pin= 75, code=101 (max=102, min= 99)
PPCP_OFST_H pin= 76, code=124 (max=126, min=123)
PPCP_OFST_H pin= 77, code=120 (max=121, min=118)
PPCP_OFST_H pin= 78, code=122 (max=123, min=120)
PPCP_OFST_H pin= 79, code=117 (max=118, min=116)
PPCP_OFST_H pin= 80, code=121 (max=122, min=120)
PPCP_OFST_L pin= 65, code=120 (max=122, min=119)
PPCP_OFST_L pin= 66, code=119 (max=120, min=118)
PPCP_OFST_L pin= 67, code=120 (max=121, min=118)
PPCP_OFST_L pin= 68, code=113 (max=115, min=112)
PPCP_OFST_L pin= 69, code=122 (max=123, min=121)
PPCP_OFST_L pin= 70, code=116 (max=116, min=114)
PPCP_OFST_L pin= 71, code=119 (max=120, min=117)
PPCP_OFST_L pin= 72, code=115 (max=117, min=114)
PPCP_OFST_L pin= 73, code=118 (max=120, min=117)
PPCP_OFST_L pin= 74, code=112 (max=113, min=110)
PPCP_OFST_L pin= 75, code=118 (max=120, min=116)
PPCP_OFST_L pin= 76, code=110 (max=111, min=109)
PPCP_OFST_L pin= 77, code=106 (max=108, min=105)

PPCP_OFST_L pin= 78, code=110 (max=111, min=108)
PPCP_OFST_L pin= 79, code=112 (max=113, min=111)
PPCP_OFST_L pin= 80, code=108 (max=110, min=106)
PPCP_OFST_H pin= 81, code=108 (max=109, min=107)
PPCP_OFST_H pin= 82, code=112 (max=114, min=110)
PPCP_OFST_H pin= 83, code=106 (max=107, min=105)
PPCP_OFST_H pin= 84, code=108 (max=109, min=106)
PPCP_OFST_H pin= 85, code=103 (max=105, min=102)
PPCP_OFST_H pin= 86, code= 99 (max=100, min= 98)
PPCP_OFST_H pin= 87, code=102 (max=103, min=101)
PPCP_OFST_H pin= 88, code=102 (max=103, min=101)
PPCP_OFST_H pin= 89, code=102 (max=104, min=101)
PPCP_OFST_H pin= 90, code=100 (max=101, min= 99)
PPCP_OFST_H pin= 91, code= 67 (max= 68, min= 66)
PPCP_OFST_H pin= 92, code= 97 (max= 98, min= 95)
PPCP_OFST_H pin= 93, code= 94 (max= 95, min= 93)
PPCP_OFST_H pin= 94, code= 99 (max=101, min= 98)
PPCP_OFST_H pin= 95, code= 90 (max= 92, min= 89)
PPCP_OFST_H pin= 96, code= 99 (max=100, min= 98)
PPCP_OFST_L pin= 81, code=116 (max=118, min=115)
PPCP_OFST_L pin= 82, code=113 (max=114, min=112)
PPCP_OFST_L pin= 83, code=113 (max=114, min=112)
PPCP_OFST_L pin= 84, code=107 (max=108, min=106)
PPCP_OFST_L pin= 85, code=110 (max=111, min=109)
PPCP_OFST_L pin= 86, code=105 (max=106, min=104)
PPCP_OFST_L pin= 87, code=114 (max=115, min=113)
PPCP_OFST_L pin= 88, code=107 (max=108, min=105)
PPCP_OFST_L pin= 89, code=114 (max=115, min=113)
PPCP_OFST_L pin= 90, code=111 (max=112, min=110)
PPCP_OFST_L pin= 91, code=112 (max=114, min=111)
PPCP_OFST_L pin= 92, code=104 (max=106, min=103)
PPCP_OFST_L pin= 93, code=105 (max=106, min=103)
PPCP_OFST_L pin= 94, code=108 (max=109, min=106)
PPCP_OFST_L pin= 95, code=104 (max=105, min=103)
PPCP_OFST_L pin= 96, code=107 (max=109, min=106)
PPCP_OFST_H pin= 97, code=114 (max=116, min=113)

PPCP_OFST_H pin= 98, code=110 (max=111, min=109)
PPCP_OFST_H pin= 99, code=117 (max=118, min=115)
PPCP_OFST_H pin=100, code=114 (max=116, min=113)
PPCP_OFST_H pin=101, code=116 (max=117, min=115)
PPCP_OFST_H pin=102, code=110 (max=111, min=109)
PPCP_OFST_H pin=103, code=115 (max=116, min=114)
PPCP_OFST_H pin=104, code=111 (max=112, min=109)
PPCP_OFST_H pin=105, code=117 (max=118, min=117)
PPCP_OFST_H pin=106, code=109 (max=110, min=108)
PPCP_OFST_H pin=107, code= 96 (max= 97, min= 95)
PPCP_OFST_H pin=108, code=112 (max=113, min=110)
PPCP_OFST_H pin=109, code=114 (max=115, min=112)
PPCP_OFST_H pin=110, code=112 (max=114, min=111)
PPCP_OFST_H pin=111, code=107 (max=108, min=105)
PPCP_OFST_H pin=112, code=106 (max=107, min=105)
PPCP_OFST_L pin= 97, code=116 (max=117, min=115)
PPCP_OFST_L pin= 98, code=111 (max=112, min=109)
PPCP_OFST_L pin= 99, code=133 (max=134, min=132)
PPCP_OFST_L pin=100, code=117 (max=118, min=116)
PPCP_OFST_L pin=101, code=127 (max=128, min=125)
PPCP_OFST_L pin=102, code=111 (max=113, min=109)
PPCP_OFST_L pin=103, code=118 (max=118, min=117)
PPCP_OFST_L pin=104, code=113 (max=114, min=112)
PPCP_OFST_L pin=105, code=122 (max=123, min=120)
PPCP_OFST_L pin=106, code=118 (max=120, min=117)
PPCP_OFST_L pin=107, code=120 (max=121, min=118)
PPCP_OFST_L pin=108, code=114 (max=115, min=113)
PPCP_OFST_L pin=109, code=120 (max=121, min=119)
PPCP_OFST_L pin=110, code=117 (max=119, min=116)
PPCP_OFST_L pin=111, code=120 (max=121, min=119)
PPCP_OFST_L pin=112, code=112 (max=114, min=110)
PPCP_OFST_H pin=113, code=107 (max=108, min=106)
PPCP_OFST_H pin=114, code=107 (max=109, min=106)
PPCP_OFST_H pin=115, code=106 (max=107, min=104)
PPCP_OFST_H pin=116, code=104 (max=105, min=102)
PPCP_OFST_H pin=117, code=107 (max=108, min=106)

PPCP_OFST_H pin=118, code=105 (max=107, min=104)
PPCP_OFST_H pin=119, code=108 (max=109, min=108)
PPCP_OFST_H pin=120, code=105 (max=107, min=104)
PPCP_OFST_H pin=121, code=103 (max=105, min=101)
PPCP_OFST_H pin=122, code=110 (max=111, min=109)
PPCP_OFST_H pin=123, code= 82 (max= 84, min= 81)
PPCP_OFST_H pin=124, code=106 (max=107, min=105)
PPCP_OFST_H pin=125, code=102 (max=104, min=100)
PPCP_OFST_H pin=126, code=103 (max=104, min=102)
PPCP_OFST_H pin=127, code=100 (max=101, min= 99)
PPCP_OFST_H pin=128, code=106 (max=107, min=104)
PPCP_OFST_L pin=113, code=116 (max=117, min=114)
PPCP_OFST_L pin=114, code=110 (max=111, min=109)
PPCP_OFST_L pin=115, code=128 (max=130, min=126)
PPCP_OFST_L pin=116, code=111 (max=113, min=110)
PPCP_OFST_L pin=117, code=121 (max=122, min=119)
PPCP_OFST_L pin=118, code=111 (max=112, min=110)
PPCP_OFST_L pin=119, code=123 (max=125, min=122)
PPCP_OFST_L pin=120, code=113 (max=114, min=111)
PPCP_OFST_L pin=121, code=118 (max=120, min=117)
PPCP_OFST_L pin=122, code=114 (max=116, min=113)
PPCP_OFST_L pin=123, code=120 (max=122, min=119)
PPCP_OFST_L pin=124, code=114 (max=116, min=113)
PPCP_OFST_L pin=125, code=109 (max=110, min=108)
PPCP_OFST_L pin=126, code=112 (max=113, min=111)
PPCP_OFST_L pin=127, code=112 (max=114, min=111)
PPCP_OFST_L pin=128, code=112 (max=114, min=110)
PPCP_OFST_H pin=129, code=113 (max=115, min=112)
PPCP_OFST_H pin=130, code=105 (max=106, min=104)
PPCP_OFST_H pin=131, code=114 (max=115, min=112)
PPCP_OFST_H pin=132, code=109 (max=112, min=108)
PPCP_OFST_H pin=133, code=111 (max=112, min=111)
PPCP_OFST_H pin=134, code=108 (max=109, min=106)
PPCP_OFST_H pin=135, code=113 (max=114, min=112)
PPCP_OFST_H pin=136, code=113 (max=114, min=112)
PPCP_OFST_H pin=137, code=108 (max=109, min=107)

PPCP_OFST_H pin=138, code=109 (max=110, min=107)
PPCP_OFST_H pin=139, code= 79 (max= 81, min= 78)
PPCP_OFST_H pin=140, code=109 (max=110, min=108)
PPCP_OFST_H pin=141, code=108 (max=110, min=107)
PPCP_OFST_H pin=142, code=108 (max=109, min=107)
PPCP_OFST_H pin=143, code=104 (max=105, min=103)
PPCP_OFST_H pin=144, code=109 (max=110, min=107)
PPCP_OFST_L pin=129, code=102 (max=104, min=101)
PPCP_OFST_L pin=130, code=103 (max=104, min=102)
PPCP_OFST_L pin=131, code=106 (max=108, min=105)
PPCP_OFST_L pin=132, code=105 (max=106, min=104)
PPCP_OFST_L pin=133, code=108 (max=109, min=107)
PPCP_OFST_L pin=134, code=102 (max=103, min=100)
PPCP_OFST_L pin=135, code=109 (max=110, min=108)
PPCP_OFST_L pin=136, code=102 (max=104, min=101)
PPCP_OFST_L pin=137, code=118 (max=119, min=116)
PPCP_OFST_L pin=138, code=101 (max=102, min=100)
PPCP_OFST_L pin=139, code=111 (max=112, min=110)
PPCP_OFST_L pin=140, code=103 (max=104, min=101)
PPCP_OFST_L pin=141, code=104 (max=105, min=103)
PPCP_OFST_L pin=142, code=103 (max=104, min=102)
PPCP_OFST_L pin=143, code=100 (max=101, min= 98)
PPCP_OFST_L pin=144, code=102 (max=103, min=101)
PPCP_OFST_H pin=145, code=121 (max=122, min=120)
PPCP_OFST_H pin=146, code=117 (max=119, min=116)
PPCP_OFST_H pin=147, code=124 (max=125, min=123)
PPCP_OFST_H pin=148, code=119 (max=120, min=118)
PPCP_OFST_H pin=149, code=118 (max=119, min=117)
PPCP_OFST_H pin=150, code=120 (max=121, min=119)
PPCP_OFST_H pin=151, code=118 (max=119, min=116)
PPCP_OFST_H pin=152, code=112 (max=113, min=111)
PPCP_OFST_H pin=153, code=123 (max=124, min=122)
PPCP_OFST_H pin=154, code=116 (max=118, min=115)
PPCP_OFST_H pin=155, code= 89 (max= 90, min= 88)
PPCP_OFST_H pin=156, code=114 (max=115, min=112)
PPCP_OFST_H pin=157, code=113 (max=114, min=112)

PPCP_OFST_H pin=158, code=116 (max=117, min=115)
PPCP_OFST_H pin=159, code=113 (max=115, min=112)
PPCP_OFST_H pin=160, code=113 (max=114, min=111)
PPCP_OFST_L pin=145, code=113 (max=116, min=112)
PPCP_OFST_L pin=146, code=107 (max=108, min=105)
PPCP_OFST_L pin=147, code=110 (max=111, min=109)
PPCP_OFST_L pin=148, code=105 (max=106, min=103)
PPCP_OFST_L pin=149, code=111 (max=112, min=109)
PPCP_OFST_L pin=150, code=107 (max=108, min=105)
PPCP_OFST_L pin=151, code=108 (max=109, min=107)
PPCP_OFST_L pin=152, code=106 (max=108, min=105)
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PPCP_OFST_L pin=154, code=110 (max=111, min=109)
PPCP_OFST_L pin=155, code=114 (max=115, min=113)
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PPCP_OFST_L pin=159, code=105 (max=107, min=104)
PPCP_OFST_L pin=160, code=102 (max=103, min=102)
PPCP_OFST_H pin=161, code=110 (max=111, min=108)
PPCP_OFST_H pin=162, code=106 (max=107, min=104)
PPCP_OFST_H pin=163, code=111 (max=112, min=111)
PPCP_OFST_H pin=164, code=108 (max=109, min=106)
PPCP_OFST_H pin=165, code=107 (max=108, min=106)
PPCP_OFST_H pin=166, code=107 (max=108, min=106)
PPCP_OFST_H pin=167, code=110 (max=111, min=109)
PPCP_OFST_H pin=168, code=102 (max=103, min=101)
PPCP_OFST_H pin=169, code=105 (max=106, min=104)
PPCP_OFST_H pin=170, code=107 (max=108, min=105)
PPCP_OFST_H pin=171, code= 86 (max= 87, min= 85)
PPCP_OFST_H pin=172, code=103 (max=104, min=102)
PPCP_OFST_H pin=173, code=106 (max=107, min=104)
PPCP_OFST_H pin=174, code=106 (max=107, min=105)
PPCP_OFST_H pin=175, code=100 (max=101, min= 98)
PPCP_OFST_H pin=176, code=106 (max=107, min=104)
PPCP_OFST_L pin=161, code=112 (max=113, min=110)

PPCP_OFST_L pin=162, code=109 (max=111, min=108)
PPCP_OFST_L pin=163, code=116 (max=116, min=115)
PPCP_OFST_L pin=164, code=114 (max=116, min=112)
PPCP_OFST_L pin=165, code=116 (max=118, min=114)
PPCP_OFST_L pin=166, code=110 (max=111, min=109)
PPCP_OFST_L pin=167, code=114 (max=116, min=113)
PPCP_OFST_L pin=168, code=106 (max=107, min=105)
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PPCP_OFST_L pin=170, code=109 (max=110, min=108)
PPCP_OFST_L pin=171, code=114 (max=116, min=113)
PPCP_OFST_L pin=172, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=173, code=107 (max=108, min=105)
PPCP_OFST_L pin=174, code=108 (max=110, min=107)
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PPCP_OFST_L pin=176, code=107 (max=109, min=106)
PPCP_OFST_H pin=177, code=112 (max=114, min=111)
PPCP_OFST_H pin=178, code=120 (max=122, min=119)
PPCP_OFST_H pin=179, code=113 (max=115, min=112)
PPCP_OFST_H pin=180, code=114 (max=115, min=113)
PPCP_OFST_H pin=181, code=117 (max=118, min=116)
PPCP_OFST_H pin=182, code=116 (max=117, min=115)
PPCP_OFST_H pin=183, code=118 (max=120, min=117)
PPCP_OFST_H pin=184, code=111 (max=113, min=110)
PPCP_OFST_H pin=185, code=110 (max=111, min=109)
PPCP_OFST_H pin=186, code=109 (max=110, min=108)
PPCP_OFST_H pin=187, code= 88 (max= 90, min= 87)
PPCP_OFST_H pin=188, code=116 (max=117, min=115)
PPCP_OFST_H pin=189, code=106 (max=107, min=105)
PPCP_OFST_H pin=190, code=112 (max=113, min=111)
PPCP_OFST_H pin=191, code=110 (max=111, min=109)
PPCP_OFST_H pin=192, code=112 (max=113, min=111)
PPCP_OFST_L pin=177, code=120 (max=121, min=119)
PPCP_OFST_L pin=178, code=116 (max=117, min=114)
PPCP_OFST_L pin=179, code=120 (max=121, min=119)
PPCP_OFST_L pin=180, code=118 (max=120, min=117)
PPCP_OFST_L pin=181, code=127 (max=129, min=126)

PPCP_OFST_L pin=182, code=113 (max=115, min=112)
PPCP_OFST_L pin=183, code=119 (max=120, min=117)
PPCP_OFST_L pin=184, code=113 (max=115, min=112)
PPCP_OFST_L pin=185, code=126 (max=127, min=124)
PPCP_OFST_L pin=186, code=135 (max=136, min=134)
PPCP_OFST_L pin=187, code=122 (max=123, min=121)
PPCP_OFST_L pin=188, code=110 (max=112, min=109)
PPCP_OFST_L pin=189, code=121 (max=123, min=119)
PPCP_OFST_L pin=190, code=114 (max=115, min=112)
PPCP_OFST_L pin=191, code=117 (max=119, min=116)
PPCP_OFST_L pin=192, code=116 (max=117, min=115)
PPCP_OFST_H pin=193, code=131 (max=132, min=130)
PPCP_OFST_H pin=194, code=126 (max=128, min=125)
PPCP_OFST_H pin=195, code=124 (max=125, min=123)
PPCP_OFST_H pin=196, code=122 (max=124, min=120)
PPCP_OFST_H pin=197, code=122 (max=124, min=121)
PPCP_OFST_H pin=198, code=120 (max=121, min=119)
PPCP_OFST_H pin=199, code=123 (max=124, min=121)
PPCP_OFST_H pin=200, code=117 (max=118, min=116)
PPCP_OFST_H pin=201, code=125 (max=126, min=124)
PPCP_OFST_H pin=202, code=123 (max=125, min=122)
PPCP_OFST_H pin=203, code= 96 (max= 97, min= 94)
PPCP_OFST_H pin=204, code=118 (max=119, min=117)
PPCP_OFST_H pin=205, code=118 (max=120, min=117)
PPCP_OFST_H pin=206, code=116 (max=118, min=114)
PPCP_OFST_H pin=207, code=117 (max=119, min=116)
PPCP_OFST_H pin=208, code=119 (max=121, min=118)
PPCP_OFST_L pin=193, code=106 (max=107, min=105)
PPCP_OFST_L pin=194, code= 97 (max= 98, min= 96)
PPCP_OFST_L pin=195, code=111 (max=113, min=110)
PPCP_OFST_L pin=196, code=104 (max=105, min=103)
PPCP_OFST_L pin=197, code=110 (max=111, min=109)
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PPCP_OFST_L pin=201, code=111 (max=113, min=110)

PPCP_OFST_L pin=202, code=101 (max=102, min= 99)
PPCP_OFST_L pin=203, code=106 (max=107, min=105)
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PPCP_OFST_L pin=205, code= 99 (max=101, min= 98)
PPCP_OFST_L pin=206, code=101 (max=103, min=100)
PPCP_OFST_L pin=207, code= 99 (max=101, min= 98)
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PPCP_OFST_H pin=209, code=122 (max=123, min=121)
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PPCP_OFST_H pin=211, code=120 (max=122, min=119)
PPCP_OFST_H pin=212, code=122 (max=123, min=120)
PPCP_OFST_H pin=213, code=123 (max=123, min=121)
PPCP_OFST_H pin=214, code=120 (max=121, min=119)
PPCP_OFST_H pin=215, code=119 (max=120, min=118)
PPCP_OFST_H pin=216, code=119 (max=120, min=118)
PPCP_OFST_H pin=217, code=125 (max=126, min=124)
PPCP_OFST_H pin=218, code=117 (max=119, min=116)
PPCP_OFST_H pin=219, code=100 (max=102, min= 99)
PPCP_OFST_H pin=220, code=121 (max=122, min=120)
PPCP_OFST_H pin=221, code=117 (max=119, min=116)
PPCP_OFST_H pin=222, code=117 (max=119, min=116)
PPCP_OFST_H pin=223, code=114 (max=116, min=113)
PPCP_OFST_H pin=224, code=118 (max=120, min=117)
PPCP_OFST_L pin=209, code=112 (max=113, min=111)
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PPCP_OFST_L pin=218, code=111 (max=112, min=110)
PPCP_OFST_L pin=219, code=115 (max=117, min=114)
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PPCP_OFST_L pin=221, code=107 (max=108, min=106)

PPCP_OFST_L pin=222, code=108 (max=109, min=107)
PPCP_OFST_L pin=223, code=107 (max=109, min=105)
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PPCP_OFST_H pin=225, code=116 (max=117, min=115)
PPCP_OFST_H pin=226, code=112 (max=114, min=111)
PPCP_OFST_H pin=227, code=115 (max=116, min=114)
PPCP_OFST_H pin=228, code=112 (max=114, min=111)
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PPCP_OFST_H pin=231, code=113 (max=115, min=112)
PPCP_OFST_H pin=232, code=111 (max=112, min=110)
PPCP_OFST_H pin=233, code=120 (max=122, min=119)
PPCP_OFST_H pin=234, code=115 (max=116, min=113)
PPCP_OFST_H pin=235, code= 95 (max= 96, min= 94)
PPCP_OFST_H pin=236, code=115 (max=116, min=114)
PPCP_OFST_H pin=237, code=113 (max=114, min=112)
PPCP_OFST_H pin=238, code=111 (max=112, min=110)
PPCP_OFST_H pin=239, code=106 (max=107, min=104)
PPCP_OFST_H pin=240, code=107 (max=108, min=106)
PPCP_OFST_L pin=225, code=118 (max=120, min=117)
PPCP_OFST_L pin=226, code=111 (max=113, min=110)
PPCP_OFST_L pin=227, code=116 (max=117, min=115)
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PPCP_OFST_L pin=233, code=118 (max=118, min=117)
PPCP_OFST_L pin=234, code=114 (max=114, min=113)
PPCP_OFST_L pin=235, code=117 (max=119, min=116)
PPCP_OFST_L pin=236, code=107 (max=107, min=105)
PPCP_OFST_L pin=237, code=105 (max=106, min=104)
PPCP_OFST_L pin=238, code=112 (max=114, min=110)
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PPCP_OFST_L pin=240, code=109 (max=110, min=108)
PPCP_OFST_H pin=241, code=107 (max=108, min=106)

PPCP_OFST_H pin=242, code=126 (max=127, min=124)
PPCP_OFST_H pin=243, code=102 (max=104, min=101)
PPCP_OFST_H pin=244, code=104 (max=105, min=102)
PPCP_OFST_H pin=245, code=107 (max=108, min=106)
PPCP_OFST_H pin=246, code=104 (max=105, min=103)
PPCP_OFST_H pin=247, code=109 (max=111, min=108)
PPCP_OFST_H pin=248, code=110 (max=111, min=109)
PPCP_OFST_H pin=249, code=106 (max=107, min=104)
PPCP_OFST_H pin=250, code=101 (max=103, min=100)
PPCP_OFST_H pin=251, code= 81 (max= 82, min= 80)
PPCP_OFST_H pin=252, code=104 (max=105, min=103)
PPCP_OFST_H pin=253, code=102 (max=104, min=101)
PPCP_OFST_H pin=254, code=109 (max=110, min=108)
PPCP_OFST_H pin=255, code=103 (max=104, min=102)
PPCP_OFST_H pin=256, code= 99 (max=101, min= 98)
PPCP_OFST_L pin=241, code=139 (max=140, min=137)
PPCP_OFST_L pin=242, code=121 (max=122, min=120)
PPCP_OFST_L pin=243, code=131 (max=132, min=129)
PPCP_OFST_L pin=244, code=118 (max=119, min=117)
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PPCP_OFST_L pin=246, code=114 (max=115, min=113)
PPCP_OFST_L pin=247, code=125 (max=126, min=124)
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PPCP_OFST_L pin=253, code=102 (max=103, min=100)
PPCP_OFST_L pin=254, code=116 (max=118, min=115)
PPCP_OFST_L pin=255, code= 95 (max= 97, min= 94)
PPCP_OFST_L pin=256, code=122 (max=123, min=121)
PPCP_OFST_H pin=257, code=128 (max=130, min=127)
PPCP_OFST_H pin=258, code=124 (max=125, min=122)
PPCP_OFST_H pin=259, code=123 (max=124, min=121)
PPCP_OFST_H pin=260, code=122 (max=124, min=120)
PPCP_OFST_H pin=261, code=123 (max=124, min=121)

PPCP_OFST_H pin=262, code=122 (max=123, min=121)
PPCP_OFST_H pin=263, code=128 (max=130, min=127)
PPCP_OFST_H pin=264, code=124 (max=126, min=123)
PPCP_OFST_H pin=265, code=125 (max=126, min=124)
PPCP_OFST_H pin=266, code=120 (max=121, min=119)
PPCP_OFST_H pin=267, code=104 (max=105, min=102)
PPCP_OFST_H pin=268, code=118 (max=120, min=117)
PPCP_OFST_H pin=269, code=118 (max=120, min=117)
PPCP_OFST_H pin=270, code=121 (max=122, min=119)
PPCP_OFST_H pin=271, code=119 (max=120, min=117)
PPCP_OFST_H pin=272, code=119 (max=120, min=117)
PPCP_OFST_L pin=257, code=114 (max=114, min=112)
PPCP_OFST_L pin=258, code=114 (max=116, min=113)
PPCP_OFST_L pin=259, code=118 (max=119, min=116)
PPCP_OFST_L pin=260, code=110 (max=112, min=108)
PPCP_OFST_L pin=261, code=117 (max=118, min=116)
PPCP_OFST_L pin=262, code=104 (max=105, min=103)
PPCP_OFST_L pin=263, code=122 (max=123, min=121)
PPCP_OFST_L pin=264, code=105 (max=106, min=103)
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PPCP_OFST_L pin=266, code=118 (max=119, min=116)
PPCP_OFST_L pin=267, code=121 (max=123, min=120)
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PPCP_OFST_L pin=270, code=113 (max=114, min=111)
PPCP_OFST_L pin=271, code=119 (max=121, min=118)
PPCP_OFST_L pin=272, code=104 (max=106, min=103)
PPCP_OFST_H pin=273, code=118 (max=119, min=117)
PPCP_OFST_H pin=274, code=124 (max=125, min=123)
PPCP_OFST_H pin=275, code=124 (max=126, min=123)
PPCP_OFST_H pin=276, code=123 (max=125, min=122)
PPCP_OFST_H pin=277, code=127 (max=128, min=125)
PPCP_OFST_H pin=278, code=116 (max=117, min=115)
PPCP_OFST_H pin=279, code=122 (max=123, min=121)
PPCP_OFST_H pin=280, code=116 (max=117, min=115)
PPCP_OFST_H pin=281, code=123 (max=125, min=122)

PPCP_OFST_H pin=282, code=125 (max=126, min=124)
PPCP_OFST_H pin=283, code= 96 (max= 97, min= 95)
PPCP_OFST_H pin=284, code=121 (max=122, min=119)
PPCP_OFST_H pin=285, code=116 (max=118, min=115)
PPCP_OFST_H pin=286, code=119 (max=120, min=117)
PPCP_OFST_H pin=287, code=117 (max=118, min=116)
PPCP_OFST_H pin=288, code=118 (max=119, min=117)
PPCP_OFST_L pin=273, code=107 (max=108, min=105)
PPCP_OFST_L pin=274, code=103 (max=105, min=101)
PPCP_OFST_L pin=275, code=115 (max=116, min=113)
PPCP_OFST_L pin=276, code=107 (max=108, min=106)
PPCP_OFST_L pin=277, code=110 (max=111, min=108)
PPCP_OFST_L pin=278, code=102 (max=104, min=101)
PPCP_OFST_L pin=279, code=114 (max=116, min=113)
PPCP_OFST_L pin=280, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=281, code=106 (max=107, min=104)
PPCP_OFST_L pin=282, code=103 (max=104, min=102)
PPCP_OFST_L pin=283, code=109 (max=110, min=108)
PPCP_OFST_L pin=284, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=285, code=100 (max=101, min= 98)
PPCP_OFST_L pin=286, code=105 (max=107, min=104)
PPCP_OFST_L pin=287, code=103 (max=105, min=102)
PPCP_OFST_L pin=288, code=104 (max=106, min=103)
PPCP_OFST_H pin=289, code=125 (max=127, min=123)
PPCP_OFST_H pin=290, code=124 (max=125, min=123)
PPCP_OFST_H pin=291, code=115 (max=116, min=114)
PPCP_OFST_H pin=292, code=120 (max=121, min=119)
PPCP_OFST_H pin=293, code=120 (max=122, min=119)
PPCP_OFST_H pin=294, code=116 (max=117, min=114)
PPCP_OFST_H pin=295, code=120 (max=121, min=118)
PPCP_OFST_H pin=296, code=118 (max=119, min=116)
PPCP_OFST_H pin=297, code=124 (max=125, min=122)
PPCP_OFST_H pin=298, code=123 (max=124, min=122)
PPCP_OFST_H pin=299, code=100 (max=102, min= 99)
PPCP_OFST_H pin=300, code=123 (max=124, min=122)
PPCP_OFST_H pin=301, code=118 (max=119, min=117)

PPCP_OFST_H pin=302, code=118 (max=119, min=116)
PPCP_OFST_H pin=303, code=121 (max=122, min=119)
PPCP_OFST_H pin=304, code=116 (max=117, min=114)
PPCP_OFST_L pin=289, code=118 (max=119, min=116)
PPCP_OFST_L pin=290, code=116 (max=117, min=115)
PPCP_OFST_L pin=291, code=117 (max=118, min=116)
PPCP_OFST_L pin=292, code=111 (max=113, min=110)
PPCP_OFST_L pin=293, code=118 (max=119, min=117)
PPCP_OFST_L pin=294, code=106 (max=107, min=105)
PPCP_OFST_L pin=295, code=117 (max=119, min=116)
PPCP_OFST_L pin=296, code=110 (max=112, min=109)
PPCP_OFST_L pin=297, code=121 (max=122, min=119)
PPCP_OFST_L pin=298, code=112 (max=114, min=111)
PPCP_OFST_L pin=299, code=121 (max=122, min=120)
PPCP_OFST_L pin=300, code=109 (max=110, min=108)
PPCP_OFST_L pin=301, code=110 (max=112, min=109)
PPCP_OFST_L pin=302, code=111 (max=113, min=109)
PPCP_OFST_L pin=303, code=114 (max=115, min=113)
PPCP_OFST_L pin=304, code=108 (max=110, min=107)
PPCP_OFST_H pin=305, code=117 (max=118, min=116)
PPCP_OFST_H pin=306, code=118 (max=120, min=116)
PPCP_OFST_H pin=307, code=121 (max=122, min=119)
PPCP_OFST_H pin=308, code=119 (max=120, min=118)
PPCP_OFST_H pin=309, code=114 (max=115, min=113)
PPCP_OFST_H pin=310, code=115 (max=116, min=113)
PPCP_OFST_H pin=311, code=120 (max=122, min=119)
PPCP_OFST_H pin=312, code=112 (max=113, min=111)
PPCP_OFST_H pin=313, code=118 (max=119, min=117)
PPCP_OFST_H pin=314, code=113 (max=115, min=112)
PPCP_OFST_H pin=315, code= 85 (max= 86, min= 83)
PPCP_OFST_H pin=316, code=114 (max=115, min=113)
PPCP_OFST_H pin=317, code=112 (max=114, min=111)
PPCP_OFST_H pin=318, code=115 (max=117, min=113)
PPCP_OFST_H pin=319, code=111 (max=112, min=110)
PPCP_OFST_H pin=320, code=117 (max=118, min=116)
PPCP_OFST_L pin=305, code=117 (max=119, min=115)

PPCP_OFST_L pin=306, code=112 (max=113, min=111)
PPCP_OFST_L pin=307, code=113 (max=114, min=112)
PPCP_OFST_L pin=308, code=114 (max=115, min=113)
PPCP_OFST_L pin=309, code=117 (max=118, min=116)
PPCP_OFST_L pin=310, code=111 (max=112, min=109)
PPCP_OFST_L pin=311, code=117 (max=118, min=116)
PPCP_OFST_L pin=312, code=107 (max=108, min=105)
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PPCP_OFST_L pin=314, code=108 (max=109, min=106)
PPCP_OFST_L pin=315, code=113 (max=114, min=112)
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PPCP_OFST_L pin=317, code=107 (max=108, min=106)
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PPCP_OFST_L pin=319, code=108 (max=110, min=107)
PPCP_OFST_L pin=320, code=106 (max=107, min=104)
PPCP_OFST_H pin=321, code=110 (max=111, min=109)
PPCP_OFST_H pin=322, code=116 (max=117, min=114)
PPCP_OFST_H pin=323, code=118 (max=120, min=117)
PPCP_OFST_H pin=324, code=116 (max=118, min=115)
PPCP_OFST_H pin=325, code=112 (max=114, min=110)
PPCP_OFST_H pin=326, code=114 (max=116, min=113)
PPCP_OFST_H pin=327, code=115 (max=116, min=114)
PPCP_OFST_H pin=328, code=112 (max=114, min=111)
PPCP_OFST_H pin=329, code=115 (max=117, min=114)
PPCP_OFST_H pin=330, code=115 (max=116, min=114)
PPCP_OFST_H pin=331, code= 89 (max= 90, min= 87)
PPCP_OFST_H pin=332, code=116 (max=117, min=114)
PPCP_OFST_H pin=333, code=110 (max=111, min=110)
PPCP_OFST_H pin=334, code=115 (max=116, min=114)
PPCP_OFST_H pin=335, code=108 (max=109, min=107)
PPCP_OFST_H pin=336, code=111 (max=113, min=110)
PPCP_OFST_L pin=321, code=115 (max=117, min=114)
PPCP_OFST_L pin=322, code=106 (max=108, min=105)
PPCP_OFST_L pin=323, code=116 (max=117, min=114)
PPCP_OFST_L pin=324, code=115 (max=116, min=113)
PPCP_OFST_L pin=325, code=119 (max=121, min=118)

PPCP_OFST_L pin=326, code=113 (max=114, min=112)
PPCP_OFST_L pin=327, code=112 (max=114, min=111)
PPCP_OFST_L pin=328, code=111 (max=113, min=109)
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PPCP_OFST_H pin=345, code=110 (max=111, min=109)
PPCP_OFST_H pin=346, code=104 (max=105, min=103)
PPCP_OFST_H pin=347, code= 86 (max= 87, min= 84)
PPCP_OFST_H pin=348, code=109 (max=111, min=107)
PPCP_OFST_H pin=349, code=105 (max=106, min=103)
PPCP_OFST_H pin=350, code=105 (max=106, min=104)
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PPCP_OFST_L pin=339, code=126 (max=127, min=124)
PPCP_OFST_L pin=340, code=114 (max=115, min=113)
PPCP_OFST_L pin=341, code=123 (max=124, min=122)
PPCP_OFST_L pin=342, code=113 (max=114, min=112)
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PPCP_OFST_L pin=344, code=113 (max=115, min=112)
PPCP_OFST_L pin=345, code=117 (max=118, min=116)

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PPCP_OFST_L pin=348, code=109 (max=111, min=108)
PPCP_OFST_L pin=349, code=113 (max=114, min=112)
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PPCP_OFST_L pin=351, code=114 (max=116, min=113)
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PPCP_OFST_H pin=356, code=110 (max=112, min=108)
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PPCP_OFST_H pin=359, code=112 (max=113, min=110)
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PPCP_OFST_H pin=361, code=107 (max=109, min=106)
PPCP_OFST_H pin=362, code=108 (max=109, min=106)
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PPCP_OFST_H pin=365, code=109 (max=110, min=107)
PPCP_OFST_H pin=366, code=109 (max=110, min=108)
PPCP_OFST_H pin=367, code=110 (max=112, min=109)
PPCP_OFST_H pin=368, code=109 (max=110, min=108)
PPCP_OFST_L pin=353, code=120 (max=122, min=119)
PPCP_OFST_L pin=354, code=117 (max=118, min=116)
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PPCP_OFST_L pin=368, code=113 (max=114, min=111)
PPCP_OFST_H pin=385, code=109 (max=110, min=108)
PPCP_OFST_H pin=386, code=106 (max=108, min=105)
PPCP_OFST_H pin=387, code=108 (max=109, min=107)
PPCP_OFST_H pin=388, code=106 (max=107, min=104)
PPCP_OFST_H pin=389, code=110 (max=112, min=109)
PPCP_OFST_H pin=390, code=110 (max=110, min=109)
PPCP_OFST_H pin=391, code=105 (max=106, min=104)
PPCP_OFST_H pin=392, code=106 (max=107, min=105)
PPCP_OFST_H pin=393, code=114 (max=115, min=112)
PPCP_OFST_H pin=394, code=106 (max=107, min=105)
PPCP_OFST_H pin=395, code= 80 (max= 81, min= 79)
PPCP_OFST_H pin=396, code=105 (max=107, min=104)
PPCP_OFST_H pin=397, code=101 (max=103, min=100)
PPCP_OFST_H pin=398, code=104 (max=106, min=103)
PPCP_OFST_H pin=399, code=101 (max=103, min=100)
PPCP_OFST_H pin=400, code=108 (max=109, min=106)
PPCP_OFST_L pin=385, code=122 (max=123, min=120)
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PPCP_OFST_L pin=387, code=119 (max=120, min=118)
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PPCP_OFST_L pin=397, code=111 (max=112, min=109)
PPCP_OFST_L pin=398, code=119 (max=120, min=117)
PPCP_OFST_L pin=399, code=112 (max=113, min=110)
PPCP_OFST_L pin=400, code=118 (max=119, min=116)
PPCP_OFST_H pin=401, code=106 (max=106, min=105)

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PPCP_OFST_H pin=404, code=107 (max=108, min=105)
PPCP_OFST_H pin=405, code=106 (max=108, min=105)
PPCP_OFST_H pin=406, code=105 (max=106, min=103)
PPCP_OFST_H pin=407, code=104 (max=105, min=103)
PPCP_OFST_H pin=408, code=107 (max=109, min=106)
PPCP_OFST_H pin=409, code=109 (max=110, min=108)
PPCP_OFST_H pin=410, code=104 (max=105, min=103)
PPCP_OFST_H pin=411, code= 84 (max= 86, min= 82)
PPCP_OFST_H pin=412, code=100 (max=102, min= 99)
PPCP_OFST_H pin=413, code= 98 (max= 99, min= 97)
PPCP_OFST_H pin=414, code=103 (max=104, min=102)
PPCP_OFST_H pin=415, code=100 (max=101, min= 98)
PPCP_OFST_H pin=416, code=103 (max=104, min=101)
PPCP_OFST_L pin=401, code=126 (max=127, min=125)
PPCP_OFST_L pin=402, code=117 (max=118, min=116)
PPCP_OFST_L pin=403, code=124 (max=125, min=123)
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PPCP_OFST_H pin=419, code=116 (max=118, min=114)
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PPCP_OFST_H pin=421, code=116 (max=117, min=114)

PPCP_OFST_H pin=422, code=108 (max=110, min=107)
PPCP_OFST_H pin=423, code=113 (max=114, min=112)
PPCP_OFST_H pin=424, code=110 (max=112, min=109)
PPCP_OFST_H pin=425, code=114 (max=116, min=113)
PPCP_OFST_H pin=426, code=111 (max=112, min=109)
PPCP_OFST_H pin=427, code= 86 (max= 88, min= 84)
PPCP_OFST_H pin=428, code=105 (max=106, min=104)
PPCP_OFST_H pin=429, code=104 (max=106, min=103)
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PPCP_OFST_L pin=418, code=105 (max=107, min=104)
PPCP_OFST_L pin=419, code=114 (max=115, min=113)
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PPCP_OFST_L pin=421, code=108 (max=109, min=107)
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PPCP_OFST_H pin=439, code=120 (max=121, min=118)
PPCP_OFST_H pin=440, code=120 (max=121, min=118)
PPCP_OFST_H pin=441, code=116 (max=118, min=115)

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PPCP_OFST_H pin=444, code=112 (max=113, min=110)
PPCP_OFST_H pin=445, code=108 (max=110, min=108)
PPCP_OFST_H pin=446, code=112 (max=114, min=111)
PPCP_OFST_H pin=447, code=110 (max=111, min=108)
PPCP_OFST_H pin=448, code=117 (max=118, min=116)
PPCP_OFST_L pin=433, code=114 (max=115, min=113)
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PPCP_OFST_L pin=448, code=103 (max=105, min=102)
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PPCP_OFST_H pin=451, code=120 (max=121, min=118)
PPCP_OFST_H pin=452, code=121 (max=122, min=119)
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PPCP_OFST_H pin=455, code=114 (max=115, min=113)
PPCP_OFST_H pin=456, code=120 (max=121, min=119)
PPCP_OFST_H pin=457, code=119 (max=120, min=117)
PPCP_OFST_H pin=458, code=114 (max=115, min=112)
PPCP_OFST_H pin=459, code= 97 (max= 98, min= 96)
PPCP_OFST_H pin=460, code=117 (max=118, min=115)
PPCP_OFST_H pin=461, code=116 (max=118, min=115)

PPCP_OFST_H pin=462, code=111 (max=112, min=110)
PPCP_OFST_H pin=463, code=106 (max=107, min=104)
PPCP_OFST_H pin=464, code=115 (max=116, min=113)
PPCP_OFST_L pin=449, code=116 (max=117, min=115)
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PPCP_OFST_L pin=451, code=118 (max=119, min=117)
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PPCP_OFST_H pin=465, code=124 (max=125, min=122)
PPCP_OFST_H pin=466, code=122 (max=123, min=120)
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PPCP_OFST_H pin=473, code=117 (max=118, min=116)
PPCP_OFST_H pin=474, code=110 (max=111, min=109)
PPCP_OFST_H pin=475, code= 95 (max= 97, min= 94)
PPCP_OFST_H pin=476, code=116 (max=117, min=115)
PPCP_OFST_H pin=477, code=115 (max=116, min=113)
PPCP_OFST_H pin=478, code=115 (max=116, min=113)
PPCP_OFST_H pin=479, code=105 (max=106, min=103)
PPCP_OFST_H pin=480, code=113 (max=114, min=112)
PPCP_OFST_L pin=465, code=118 (max=119, min=117)

PPCP_OFST_L pin=466, code=112 (max=113, min=111)
PPCP_OFST_L pin=467, code=124 (max=125, min=123)
PPCP_OFST_L pin=468, code=117 (max=119, min=116)
PPCP_OFST_L pin=469, code=124 (max=126, min=122)
PPCP_OFST_L pin=470, code=115 (max=116, min=114)
PPCP_OFST_L pin=471, code=117 (max=119, min=116)
PPCP_OFST_L pin=472, code=116 (max=117, min=115)
PPCP_OFST_L pin=473, code=126 (max=127, min=125)
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PPCP_OFST_L pin=480, code=112 (max=114, min=110)
PPCP_OFST_H pin=481, code=118 (max=119, min=116)
PPCP_OFST_H pin=482, code=113 (max=115, min=112)
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PPCP_OFST_H pin=487, code=119 (max=119, min=118)
PPCP_OFST_H pin=488, code=115 (max=116, min=113)
PPCP_OFST_H pin=489, code=117 (max=119, min=116)
PPCP_OFST_H pin=490, code=113 (max=114, min=112)
PPCP_OFST_H pin=491, code= 95 (max= 97, min= 94)
PPCP_OFST_H pin=492, code=115 (max=115, min=114)
PPCP_OFST_H pin=493, code=110 (max=111, min=108)
PPCP_OFST_H pin=494, code=115 (max=117, min=114)
PPCP_OFST_H pin=495, code=114 (max=115, min=113)
PPCP_OFST_H pin=496, code=112 (max=114, min=111)
PPCP_OFST_L pin=481, code=111 (max=112, min=110)
PPCP_OFST_L pin=482, code=102 (max=103, min=100)
PPCP_OFST_L pin=483, code=109 (max=110, min=108)
PPCP_OFST_L pin=484, code=105 (max=106, min=104)
PPCP_OFST_L pin=485, code=111 (max=113, min=110)

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PPCP_OFST_H pin=506, code=107 (max=109, min=106)
PPCP_OFST_H pin=507, code= 73 (max= 74, min= 72)
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PPCP_OFST_H pin=509, code= 90 (max= 91, min= 88)
PPCP_OFST_H pin=510, code=106 (max=107, min=105)
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PPCP_OFST_H pin=512, code=103 (max=104, min=102)
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PPCP_OFST_H pin=542, code=118 (max=120, min=117)
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PPCP_OFST_H pin=619, code= 79 (max= 80, min= 78)
PPCP_OFST_H pin=620, code=108 (max=109, min=107)
PPCP_OFST_H pin=621, code=103 (max=104, min=102)
PPCP_OFST_H pin=622, code=103 (max=105, min=101)
PPCP_OFST_H pin=623, code=103 (max=104, min=102)
PPCP_OFST_H pin=624, code=106 (max=107, min=104)
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PPCP_OFST_H pin=632, code=119 (max=121, min=117)
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PPCP_OFST_L pin=627, code=107 (max=108, min=106)
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PPCP_OFST_L pin=633, code=111 (max=112, min=110)
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PPCP_OFST_H pin=645, code=110 (max=111, min=109)
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PPCP_OFST_H pin=653, code=105 (max=106, min=104)
PPCP_OFST_H pin=654, code=114 (max=116, min=113)
PPCP_OFST_H pin=655, code= 97 (max= 98, min= 96)
PPCP_OFST_H pin=656, code=107 (max=108, min=105)
PPCP_OFST_L pin=641, code=119 (max=121, min=118)
PPCP_OFST_L pin=642, code=112 (max=114, min=111)
PPCP_OFST_L pin=643, code=119 (max=121, min=118)
PPCP_OFST_L pin=644, code=111 (max=112, min=110)
PPCP_OFST_L pin=645, code=121 (max=122, min=119)
PPCP_OFST_L pin=646, code=114 (max=115, min=113)
PPCP_OFST_L pin=647, code=117 (max=118, min=116)
PPCP_OFST_L pin=648, code=108 (max=109, min=108)
PPCP_OFST_L pin=649, code=120 (max=121, min=118)

PPCP_OFST_L pin=650, code=117 (max=118, min=115)
PPCP_OFST_L pin=651, code=123 (max=124, min=121)
PPCP_OFST_L pin=652, code=111 (max=112, min=110)
PPCP_OFST_L pin=653, code=111 (max=112, min=109)
PPCP_OFST_L pin=654, code=113 (max=114, min=112)
PPCP_OFST_L pin=655, code=114 (max=115, min=113)
PPCP_OFST_L pin=656, code=112 (max=113, min=111)
PPCP_OFST_H pin=657, code=124 (max=125, min=122)
PPCP_OFST_H pin=658, code=123 (max=125, min=121)
PPCP_OFST_H pin=659, code=120 (max=121, min=120)
PPCP_OFST_H pin=660, code=122 (max=124, min=121)
PPCP_OFST_H pin=661, code=123 (max=124, min=121)
PPCP_OFST_H pin=662, code=122 (max=123, min=121)
PPCP_OFST_H pin=663, code=124 (max=125, min=123)
PPCP_OFST_H pin=664, code=119 (max=120, min=118)
PPCP_OFST_H pin=665, code=119 (max=120, min=118)
PPCP_OFST_H pin=666, code=121 (max=122, min=120)
PPCP_OFST_H pin=667, code= 94 (max= 96, min= 93)
PPCP_OFST_H pin=668, code=119 (max=120, min=117)
PPCP_OFST_H pin=669, code=118 (max=119, min=117)
PPCP_OFST_H pin=670, code=122 (max=124, min=121)
PPCP_OFST_H pin=671, code=110 (max=111, min=109)
PPCP_OFST_H pin=672, code=118 (max=119, min=116)
PPCP_OFST_L pin=657, code=105 (max=107, min=103)
PPCP_OFST_L pin=658, code=102 (max=104, min=101)
PPCP_OFST_L pin=659, code=106 (max=108, min=105)
PPCP_OFST_L pin=660, code=103 (max=104, min=101)
PPCP_OFST_L pin=661, code=106 (max=107, min=105)
PPCP_OFST_L pin=662, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=663, code=105 (max=107, min=104)
PPCP_OFST_L pin=664, code= 98 (max= 99, min= 96)
PPCP_OFST_L pin=665, code=101 (max=102, min= 99)
PPCP_OFST_L pin=666, code=100 (max=101, min= 99)
PPCP_OFST_L pin=667, code=109 (max=110, min=108)
PPCP_OFST_L pin=668, code= 92 (max= 93, min= 91)
PPCP_OFST_L pin=669, code= 99 (max=100, min= 97)

PPCP_OFST_L pin=670, code= 92 (max= 93, min= 90)
PPCP_OFST_L pin=671, code= 96 (max= 97, min= 95)
PPCP_OFST_L pin=672, code= 96 (max= 98, min= 95)
PPCP_OFST_H pin=673, code=108 (max=109, min=107)
PPCP_OFST_H pin=674, code=106 (max=108, min=105)
PPCP_OFST_H pin=675, code=112 (max=113, min=110)
PPCP_OFST_H pin=676, code=110 (max=111, min=108)
PPCP_OFST_H pin=677, code=111 (max=112, min=110)
PPCP_OFST_H pin=678, code=106 (max=107, min=105)
PPCP_OFST_H pin=679, code=108 (max=109, min=107)
PPCP_OFST_H pin=680, code=108 (max=109, min=107)
PPCP_OFST_H pin=681, code=109 (max=110, min=108)
PPCP_OFST_H pin=682, code=109 (max=109, min=107)
PPCP_OFST_H pin=683, code= 84 (max= 85, min= 83)
PPCP_OFST_H pin=684, code=111 (max=112, min=110)
PPCP_OFST_H pin=685, code=111 (max=112, min=109)
PPCP_OFST_H pin=686, code=115 (max=117, min=114)
PPCP_OFST_H pin=687, code=104 (max=106, min=103)
PPCP_OFST_H pin=688, code=103 (max=104, min=102)
PPCP_OFST_L pin=673, code=121 (max=121, min=120)
PPCP_OFST_L pin=674, code=117 (max=118, min=116)
PPCP_OFST_L pin=675, code=119 (max=121, min=118)
PPCP_OFST_L pin=676, code=113 (max=115, min=112)
PPCP_OFST_L pin=677, code=123 (max=124, min=122)
PPCP_OFST_L pin=678, code=116 (max=118, min=115)
PPCP_OFST_L pin=679, code=119 (max=121, min=118)
PPCP_OFST_L pin=680, code=115 (max=116, min=114)
PPCP_OFST_L pin=681, code=125 (max=126, min=123)
PPCP_OFST_L pin=682, code=113 (max=115, min=112)
PPCP_OFST_L pin=683, code=125 (max=126, min=123)
PPCP_OFST_L pin=684, code=113 (max=114, min=112)
PPCP_OFST_L pin=685, code=116 (max=118, min=115)
PPCP_OFST_L pin=686, code=113 (max=114, min=112)
PPCP_OFST_L pin=687, code=114 (max=116, min=113)
PPCP_OFST_L pin=688, code=113 (max=115, min=112)
PPCP_OFST_H pin=689, code=109 (max=111, min=107)

PPCP_OFST_H pin=690, code=106 (max=107, min=104)
PPCP_OFST_H pin=691, code=111 (max=113, min=110)
PPCP_OFST_H pin=692, code=111 (max=113, min=110)
PPCP_OFST_H pin=693, code=112 (max=114, min=111)
PPCP_OFST_H pin=694, code=110 (max=112, min=109)
PPCP_OFST_H pin=695, code=111 (max=112, min=110)
PPCP_OFST_H pin=696, code=104 (max=105, min=103)
PPCP_OFST_H pin=697, code=112 (max=113, min=110)
PPCP_OFST_H pin=698, code=106 (max=107, min=105)
PPCP_OFST_H pin=699, code= 84 (max= 85, min= 83)
PPCP_OFST_H pin=700, code=104 (max=106, min=103)
PPCP_OFST_H pin=701, code=107 (max=108, min=106)
PPCP_OFST_H pin=702, code=106 (max=109, min=105)
PPCP_OFST_H pin=703, code=101 (max=102, min=100)
PPCP_OFST_H pin=704, code=108 (max=110, min=107)
PPCP_OFST_L pin=689, code=105 (max=106, min=104)
PPCP_OFST_L pin=690, code= 98 (max=100, min= 97)
PPCP_OFST_L pin=691, code=108 (max=109, min=107)
PPCP_OFST_L pin=692, code=104 (max=105, min=102)
PPCP_OFST_L pin=693, code=109 (max=109, min=108)
PPCP_OFST_L pin=694, code=100 (max=101, min= 99)
PPCP_OFST_L pin=695, code=108 (max=109, min=107)
PPCP_OFST_L pin=696, code=101 (max=102, min= 99)
PPCP_OFST_L pin=697, code=101 (max=103, min=100)
PPCP_OFST_L pin=698, code=109 (max=111, min=108)
PPCP_OFST_L pin=699, code=108 (max=109, min=106)
PPCP_OFST_L pin=700, code= 95 (max= 96, min= 93)
PPCP_OFST_L pin=701, code=100 (max=101, min= 99)
PPCP_OFST_L pin=702, code=107 (max=108, min=105)
PPCP_OFST_L pin=703, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=704, code=101 (max=102, min=100)
PPCP_OFST_H pin=705, code=122 (max=124, min=120)
PPCP_OFST_H pin=706, code=113 (max=114, min=111)
PPCP_OFST_H pin=707, code=119 (max=120, min=117)
PPCP_OFST_H pin=708, code=115 (max=116, min=114)
PPCP_OFST_H pin=709, code=116 (max=118, min=115)

PPCP_OFST_H pin=710, code=111 (max=113, min=110)
PPCP_OFST_H pin=711, code=119 (max=121, min=118)
PPCP_OFST_H pin=712, code=114 (max=114, min=113)
PPCP_OFST_H pin=713, code=116 (max=117, min=115)
PPCP_OFST_H pin=714, code=118 (max=119, min=117)
PPCP_OFST_H pin=715, code= 94 (max= 97, min= 93)
PPCP_OFST_H pin=716, code=107 (max=109, min=105)
PPCP_OFST_H pin=717, code=120 (max=121, min=119)
PPCP_OFST_H pin=718, code=114 (max=116, min=113)
PPCP_OFST_H pin=719, code=107 (max=109, min=106)
PPCP_OFST_H pin=720, code=115 (max=116, min=114)
PPCP_OFST_L pin=705, code=117 (max=118, min=116)
PPCP_OFST_L pin=706, code=114 (max=115, min=113)
PPCP_OFST_L pin=707, code=118 (max=119, min=116)
PPCP_OFST_L pin=708, code=108 (max=110, min=106)
PPCP_OFST_L pin=709, code=114 (max=116, min=113)
PPCP_OFST_L pin=710, code=108 (max=109, min=106)
PPCP_OFST_L pin=711, code=116 (max=117, min=115)
PPCP_OFST_L pin=712, code=108 (max=109, min=107)
PPCP_OFST_L pin=713, code=112 (max=113, min=110)
PPCP_OFST_L pin=714, code=110 (max=112, min=108)
PPCP_OFST_L pin=715, code=117 (max=118, min=115)
PPCP_OFST_L pin=716, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=717, code=108 (max=109, min=106)
PPCP_OFST_L pin=718, code=111 (max=112, min=110)
PPCP_OFST_L pin=719, code= 95 (max= 97, min= 94)
PPCP_OFST_L pin=720, code=101 (max=102, min= 99)
PPCP_OFST_H pin=721, code=112 (max=112, min=110)
PPCP_OFST_H pin=722, code=107 (max=108, min=106)
PPCP_OFST_H pin=723, code=109 (max=110, min=108)
PPCP_OFST_H pin=724, code=106 (max=107, min=105)
PPCP_OFST_H pin=725, code=111 (max=113, min=110)
PPCP_OFST_H pin=726, code=108 (max=109, min=106)
PPCP_OFST_H pin=727, code=111 (max=112, min=110)
PPCP_OFST_H pin=728, code=104 (max=106, min=103)
PPCP_OFST_H pin=729, code=114 (max=115, min=113)

PPCP_OFST_H pin=730, code=103 (max=105, min=102)
PPCP_OFST_H pin=731, code= 82 (max= 84, min= 81)
PPCP_OFST_H pin=732, code=110 (max=111, min=109)
PPCP_OFST_H pin=733, code=101 (max=102, min=100)
PPCP_OFST_H pin=734, code=101 (max=102, min=100)
PPCP_OFST_H pin=735, code=102 (max=104, min=101)
PPCP_OFST_H pin=736, code=107 (max=108, min=105)
PPCP_OFST_L pin=721, code=101 (max=102, min=100)
PPCP_OFST_L pin=722, code= 98 (max= 99, min= 96)
PPCP_OFST_L pin=723, code=105 (max=106, min=104)
PPCP_OFST_L pin=724, code= 97 (max= 98, min= 96)
PPCP_OFST_L pin=725, code=104 (max=105, min=102)
PPCP_OFST_L pin=726, code= 99 (max=101, min= 98)
PPCP_OFST_L pin=727, code=108 (max=109, min=107)
PPCP_OFST_L pin=728, code= 95 (max= 96, min= 94)
PPCP_OFST_L pin=729, code=103 (max=104, min=101)
PPCP_OFST_L pin=730, code= 97 (max= 99, min= 97)
PPCP_OFST_L pin=731, code=106 (max=107, min=105)
PPCP_OFST_L pin=732, code= 96 (max= 97, min= 94)
PPCP_OFST_L pin=733, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=734, code= 95 (max= 96, min= 93)
PPCP_OFST_L pin=735, code=102 (max=103, min=101)
PPCP_OFST_L pin=736, code= 96 (max= 97, min= 94)
PPCP_OFST_H pin=737, code=111 (max=112, min=109)
PPCP_OFST_H pin=738, code=107 (max=108, min=105)
PPCP_OFST_H pin=739, code=106 (max=108, min=105)
PPCP_OFST_H pin=740, code=104 (max=106, min=103)
PPCP_OFST_H pin=741, code=115 (max=117, min=113)
PPCP_OFST_H pin=742, code=102 (max=103, min=100)
PPCP_OFST_H pin=743, code=107 (max=109, min=106)
PPCP_OFST_H pin=744, code=106 (max=108, min=105)
PPCP_OFST_H pin=745, code=109 (max=110, min=108)
PPCP_OFST_H pin=746, code=113 (max=114, min=112)
PPCP_OFST_H pin=747, code= 93 (max= 95, min= 92)
PPCP_OFST_H pin=748, code=104 (max=106, min=103)
PPCP_OFST_H pin=749, code=108 (max=109, min=107)

PPCP_OFST_H pin=750, code=116 (max=118, min=115)
PPCP_OFST_H pin=751, code=105 (max=106, min=104)
PPCP_OFST_H pin=752, code=116 (max=117, min=115)
PPCP_OFST_L pin=737, code= 92 (max= 93, min= 90)
PPCP_OFST_L pin=738, code= 86 (max= 87, min= 85)
PPCP_OFST_L pin=739, code= 95 (max= 96, min= 94)
PPCP_OFST_L pin=740, code= 86 (max= 87, min= 84)
PPCP_OFST_L pin=741, code= 94 (max= 96, min= 93)
PPCP_OFST_L pin=742, code= 83 (max= 85, min= 82)
PPCP_OFST_L pin=743, code= 92 (max= 94, min= 91)
PPCP_OFST_L pin=744, code= 85 (max= 86, min= 84)
PPCP_OFST_L pin=745, code= 92 (max= 93, min= 90)
PPCP_OFST_L pin=746, code= 84 (max= 86, min= 82)
PPCP_OFST_L pin=747, code= 91 (max= 93, min= 90)
PPCP_OFST_L pin=748, code= 90 (max= 91, min= 89)
PPCP_OFST_L pin=749, code= 93 (max= 94, min= 92)
PPCP_OFST_L pin=750, code= 90 (max= 91, min= 90)
PPCP_OFST_L pin=751, code= 93 (max= 94, min= 92)
PPCP_OFST_L pin=752, code= 90 (max= 92, min= 88)
DATA_GAIN_H pin= 1, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 2, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 3, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 4, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 5, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 6, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 7, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 8, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 9, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 10, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 11, mean=121 (max=122, min=119)
DATA_GAIN_H pin= 12, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 13, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 14, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 15, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 16, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 1, code=123 (max=125, min=121)

DATA_GAIN_L pin= 1, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 2, mean=122 (max=124, min=120)
DATA_GAIN_L pin= 3, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 4, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 5, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 6, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 7, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 8, mean=122 (max=124, min=120)
DATA_GAIN_L pin= 9, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 10, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 11, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 12, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 13, mean=122 (max=124, min=120)
DATA_GAIN_L pin= 14, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 15, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 16, mean=120 (max=121, min=118)
PPCP_GAIN_L card= 1, code=122 (max=124, min=120)
DATA_GAIN_H pin= 17, mean=128 (max=129, min=127)
DATA_GAIN_H pin= 18, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 19, mean=126 (max=127, min=125)
DATA_GAIN_H pin= 20, mean=125 (max=127, min=124)
DATA_GAIN_H pin= 21, mean=128 (max=129, min=127)
DATA_GAIN_H pin= 22, mean=126 (max=127, min=125)
DATA_GAIN_H pin= 23, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 24, mean=126 (max=127, min=125)
DATA_GAIN_H pin= 25, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 26, mean=126 (max=128, min=125)
DATA_GAIN_H pin= 27, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 28, mean=126 (max=128, min=125)
DATA_GAIN_H pin= 29, mean=128 (max=129, min=127)
DATA_GAIN_H pin= 30, mean=127 (max=129, min=126)
DATA_GAIN_H pin= 31, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 32, mean=127 (max=128, min=125)
PPCP_GAIN_H card= 2, code=127 (max=128, min=125)
DATA_GAIN_L pin= 17, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 18, mean=124 (max=125, min=123)

DATA_GAIN_L pin= 19, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 20, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 21, mean=127 (max=128, min=126)
DATA_GAIN_L pin= 22, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 23, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 24, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 25, mean=125 (max=127, min=124)
DATA_GAIN_L pin= 26, mean=127 (max=128, min=126)
DATA_GAIN_L pin= 27, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 28, mean=126 (max=126, min=124)
DATA_GAIN_L pin= 29, mean=127 (max=128, min=125)
DATA_GAIN_L pin= 30, mean=127 (max=128, min=125)
DATA_GAIN_L pin= 31, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 32, mean=126 (max=127, min=124)
PPCP_GAIN_L card= 2, code=126 (max=127, min=124)
DATA_GAIN_H pin= 33, mean=140 (max=141, min=138)
DATA_GAIN_H pin= 34, mean=141 (max=143, min=140)
DATA_GAIN_H pin= 35, mean=138 (max=140, min=137)
DATA_GAIN_H pin= 36, mean=142 (max=143, min=140)
DATA_GAIN_H pin= 37, mean=140 (max=141, min=139)
DATA_GAIN_H pin= 38, mean=139 (max=141, min=138)
DATA_GAIN_H pin= 39, mean=141 (max=142, min=140)
DATA_GAIN_H pin= 40, mean=140 (max=142, min=139)
DATA_GAIN_H pin= 41, mean=139 (max=141, min=138)
DATA_GAIN_H pin= 42, mean=142 (max=143, min=141)
DATA_GAIN_H pin= 43, mean=141 (max=142, min=139)
DATA_GAIN_H pin= 44, mean=142 (max=143, min=141)
DATA_GAIN_H pin= 45, mean=140 (max=142, min=139)
DATA_GAIN_H pin= 46, mean=141 (max=142, min=140)
DATA_GAIN_H pin= 47, mean=138 (max=139, min=137)
DATA_GAIN_H pin= 48, mean=138 (max=140, min=137)
PPCP_GAIN_H card= 3, code=140 (max=142, min=138)
DATA_GAIN_L pin= 33, mean=143 (max=145, min=141)
DATA_GAIN_L pin= 34, mean=144 (max=145, min=142)
DATA_GAIN_L pin= 35, mean=141 (max=142, min=139)
DATA_GAIN_L pin= 36, mean=144 (max=146, min=143)

DATA_GAIN_L pin= 37, mean=143 (max=144, min=141)
DATA_GAIN_L pin= 38, mean=141 (max=143, min=140)
DATA_GAIN_L pin= 39, mean=143 (max=144, min=141)
DATA_GAIN_L pin= 40, mean=142 (max=144, min=140)
DATA_GAIN_L pin= 41, mean=141 (max=142, min=139)
DATA_GAIN_L pin= 42, mean=143 (max=145, min=141)
DATA_GAIN_L pin= 43, mean=142 (max=143, min=141)
DATA_GAIN_L pin= 44, mean=145 (max=146, min=143)
DATA_GAIN_L pin= 45, mean=142 (max=144, min=140)
DATA_GAIN_L pin= 46, mean=144 (max=145, min=142)
DATA_GAIN_L pin= 47, mean=140 (max=141, min=138)
DATA_GAIN_L pin= 48, mean=140 (max=142, min=139)
PPCP_GAIN_L card= 3, code=143 (max=145, min=140)
DATA_GAIN_H pin= 49, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 50, mean=125 (max=127, min=124)
DATA_GAIN_H pin= 51, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 52, mean=127 (max=129, min=126)
DATA_GAIN_H pin= 53, mean=126 (max=127, min=123)
DATA_GAIN_H pin= 54, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 55, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 56, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 57, mean=125 (max=127, min=124)
DATA_GAIN_H pin= 58, mean=125 (max=127, min=123)
DATA_GAIN_H pin= 59, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 60, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 61, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 62, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 63, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 64, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 4, code=125 (max=127, min=123)
DATA_GAIN_L pin= 49, mean=125 (max=127, min=125)
DATA_GAIN_L pin= 50, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 51, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 52, mean=127 (max=128, min=125)
DATA_GAIN_L pin= 53, mean=126 (max=127, min=124)
DATA_GAIN_L pin= 54, mean=124 (max=125, min=122)

DATA_GAIN_L pin= 55, mean=127 (max=128, min=126)
DATA_GAIN_L pin= 56, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 57, mean=126 (max=128, min=125)
DATA_GAIN_L pin= 58, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 59, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 60, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 61, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 62, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 63, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 64, mean=124 (max=125, min=123)
PPCP_GAIN_L card= 4, code=125 (max=127, min=123)
DATA_GAIN_H pin= 65, mean=133 (max=134, min=131)
DATA_GAIN_H pin= 66, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 67, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 68, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 69, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 70, mean=126 (max=127, min=125)
DATA_GAIN_H pin= 71, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 72, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 73, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 74, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 75, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 76, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 77, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 78, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 79, mean=122 (max=123, min=122)
DATA_GAIN_H pin= 80, mean=125 (max=126, min=124)
PPCP_GAIN_H card= 5, code=128 (max=133, min=122)
DATA_GAIN_L pin= 65, mean=133 (max=135, min=131)
DATA_GAIN_L pin= 66, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 67, mean=122 (max=122, min=121)
DATA_GAIN_L pin= 68, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 69, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 70, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 71, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 72, mean=123 (max=124, min=121)

DATA_GAIN_L pin= 73, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 74, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 75, mean=126 (max=128, min=125)
DATA_GAIN_L pin= 76, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 77, mean=123 (max=125, min=121)
DATA_GAIN_L pin= 78, mean=123 (max=124, min=121)
DATA_GAIN_L pin= 79, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 80, mean=123 (max=125, min=122)
PPCP_GAIN_L card= 5, code=127 (max=133, min=121)
DATA_GAIN_H pin= 81, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 82, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 83, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 84, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 85, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 86, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 87, mean=121 (max=121, min=120)
DATA_GAIN_H pin= 88, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 89, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 90, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 91, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 92, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 93, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 94, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 95, mean=123 (max=124, min=121)
DATA_GAIN_H pin= 96, mean=125 (max=126, min=123)
PPCP_GAIN_H card= 6, code=124 (max=126, min=121)
DATA_GAIN_L pin= 81, mean=126 (max=128, min=124)
DATA_GAIN_L pin= 82, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 83, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 84, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 85, mean=126 (max=128, min=124)
DATA_GAIN_L pin= 86, mean=126 (max=128, min=125)
DATA_GAIN_L pin= 87, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 88, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 89, mean=126 (max=128, min=124)
DATA_GAIN_L pin= 90, mean=125 (max=126, min=124)

DATA_GAIN_L pin= 91, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 92, mean=126 (max=128, min=124)
DATA_GAIN_L pin= 93, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 94, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 95, mean=125 (max=127, min=124)
DATA_GAIN_L pin= 96, mean=126 (max=128, min=125)
PPCP_GAIN_L card= 6, code=124 (max=126, min=122)
DATA_GAIN_H pin= 97, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 98, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 99, mean=125 (max=126, min=125)
DATA_GAIN_H pin=100, mean=123 (max=125, min=122)
DATA_GAIN_H pin=101, mean=126 (max=127, min=125)
DATA_GAIN_H pin=102, mean=127 (max=128, min=126)
DATA_GAIN_H pin=103, mean=122 (max=124, min=121)
DATA_GAIN_H pin=104, mean=122 (max=123, min=121)
DATA_GAIN_H pin=105, mean=127 (max=128, min=125)
DATA_GAIN_H pin=106, mean=123 (max=125, min=122)
DATA_GAIN_H pin=107, mean=126 (max=128, min=125)
DATA_GAIN_H pin=108, mean=125 (max=126, min=123)
DATA_GAIN_H pin=109, mean=122 (max=123, min=120)
DATA_GAIN_H pin=110, mean=125 (max=126, min=124)
DATA_GAIN_H pin=111, mean=123 (max=125, min=122)
DATA_GAIN_H pin=112, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 7, code=125 (max=127, min=122)
DATA_GAIN_L pin= 97, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 98, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 99, mean=125 (max=127, min=123)
DATA_GAIN_L pin=100, mean=123 (max=124, min=122)
DATA_GAIN_L pin=101, mean=124 (max=125, min=123)
DATA_GAIN_L pin=102, mean=126 (max=128, min=125)
DATA_GAIN_L pin=103, mean=122 (max=123, min=120)
DATA_GAIN_L pin=104, mean=122 (max=123, min=121)
DATA_GAIN_L pin=105, mean=126 (max=128, min=124)
DATA_GAIN_L pin=106, mean=123 (max=124, min=121)
DATA_GAIN_L pin=107, mean=125 (max=127, min=124)
DATA_GAIN_L pin=108, mean=125 (max=126, min=123)

DATA_GAIN_L pin=109, mean=122 (max=123, min=120)
DATA_GAIN_L pin=110, mean=124 (max=126, min=123)
DATA_GAIN_L pin=111, mean=123 (max=124, min=121)
DATA_GAIN_L pin=112, mean=121 (max=122, min=120)
PPCP_GAIN_L card= 7, code=124 (max=126, min=121)
DATA_GAIN_H pin=113, mean=124 (max=125, min=123)
DATA_GAIN_H pin=114, mean=122 (max=124, min=121)
DATA_GAIN_H pin=115, mean=123 (max=124, min=121)
DATA_GAIN_H pin=116, mean=124 (max=125, min=123)
DATA_GAIN_H pin=117, mean=126 (max=127, min=125)
DATA_GAIN_H pin=118, mean=125 (max=127, min=124)
DATA_GAIN_H pin=119, mean=126 (max=127, min=125)
DATA_GAIN_H pin=120, mean=126 (max=127, min=125)
DATA_GAIN_H pin=121, mean=122 (max=124, min=121)
DATA_GAIN_H pin=122, mean=124 (max=125, min=123)
DATA_GAIN_H pin=123, mean=123 (max=124, min=122)
DATA_GAIN_H pin=124, mean=123 (max=124, min=122)
DATA_GAIN_H pin=125, mean=125 (max=126, min=123)
DATA_GAIN_H pin=126, mean=123 (max=124, min=122)
DATA_GAIN_H pin=127, mean=124 (max=125, min=123)
DATA_GAIN_H pin=128, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 8, code=124 (max=126, min=122)
DATA_GAIN_L pin=113, mean=125 (max=126, min=123)
DATA_GAIN_L pin=114, mean=122 (max=123, min=121)
DATA_GAIN_L pin=115, mean=123 (max=126, min=121)
DATA_GAIN_L pin=116, mean=125 (max=126, min=124)
DATA_GAIN_L pin=117, mean=125 (max=126, min=124)
DATA_GAIN_L pin=118, mean=124 (max=126, min=123)
DATA_GAIN_L pin=119, mean=127 (max=128, min=125)
DATA_GAIN_L pin=120, mean=125 (max=126, min=124)
DATA_GAIN_L pin=121, mean=124 (max=125, min=123)
DATA_GAIN_L pin=122, mean=124 (max=126, min=123)
DATA_GAIN_L pin=123, mean=123 (max=125, min=122)
DATA_GAIN_L pin=124, mean=123 (max=125, min=122)
DATA_GAIN_L pin=125, mean=124 (max=126, min=123)
DATA_GAIN_L pin=126, mean=123 (max=124, min=122)

DATA_GAIN_L pin=127, mean=125 (max=126, min=124)
DATA_GAIN_L pin=128, mean=124 (max=126, min=122)
PPCP_GAIN_L card= 8, code=125 (max=127, min=122)
DATA_GAIN_H pin=129, mean=127 (max=128, min=125)
DATA_GAIN_H pin=130, mean=124 (max=126, min=123)
DATA_GAIN_H pin=131, mean=126 (max=128, min=125)
DATA_GAIN_H pin=132, mean=125 (max=126, min=124)
DATA_GAIN_H pin=133, mean=125 (max=126, min=124)
DATA_GAIN_H pin=134, mean=125 (max=126, min=124)
DATA_GAIN_H pin=135, mean=123 (max=124, min=121)
DATA_GAIN_H pin=136, mean=124 (max=125, min=123)
DATA_GAIN_H pin=137, mean=125 (max=126, min=124)
DATA_GAIN_H pin=138, mean=127 (max=129, min=126)
DATA_GAIN_H pin=139, mean=124 (max=125, min=123)
DATA_GAIN_H pin=140, mean=123 (max=124, min=122)
DATA_GAIN_H pin=141, mean=124 (max=125, min=123)
DATA_GAIN_H pin=142, mean=124 (max=125, min=123)
DATA_GAIN_H pin=143, mean=124 (max=126, min=123)
DATA_GAIN_H pin=144, mean=125 (max=126, min=124)
PPCP_GAIN_H card= 9, code=125 (max=127, min=123)
DATA_GAIN_L pin=129, mean=126 (max=127, min=124)
DATA_GAIN_L pin=130, mean=125 (max=127, min=124)
DATA_GAIN_L pin=131, mean=126 (max=127, min=125)
DATA_GAIN_L pin=132, mean=124 (max=125, min=123)
DATA_GAIN_L pin=133, mean=126 (max=126, min=124)
DATA_GAIN_L pin=134, mean=124 (max=126, min=123)
DATA_GAIN_L pin=135, mean=123 (max=124, min=122)
DATA_GAIN_L pin=136, mean=125 (max=126, min=124)
DATA_GAIN_L pin=137, mean=122 (max=124, min=121)
DATA_GAIN_L pin=138, mean=126 (max=127, min=124)
DATA_GAIN_L pin=139, mean=123 (max=124, min=122)
DATA_GAIN_L pin=140, mean=123 (max=124, min=121)
DATA_GAIN_L pin=141, mean=123 (max=124, min=121)
DATA_GAIN_L pin=142, mean=124 (max=126, min=122)
DATA_GAIN_L pin=143, mean=126 (max=126, min=124)
DATA_GAIN_L pin=144, mean=125 (max=126, min=124)

PPCP_GAIN_L card= 9, code=124 (max=126, min=122)
DATA_GAIN_H pin=145, mean=126 (max=127, min=125)
DATA_GAIN_H pin=146, mean=124 (max=125, min=123)
DATA_GAIN_H pin=147, mean=126 (max=127, min=125)
DATA_GAIN_H pin=148, mean=124 (max=126, min=124)
DATA_GAIN_H pin=149, mean=123 (max=124, min=122)
DATA_GAIN_H pin=150, mean=126 (max=127, min=124)
DATA_GAIN_H pin=151, mean=126 (max=127, min=125)
DATA_GAIN_H pin=152, mean=126 (max=126, min=125)
DATA_GAIN_H pin=153, mean=128 (max=129, min=127)
DATA_GAIN_H pin=154, mean=125 (max=126, min=124)
DATA_GAIN_H pin=155, mean=128 (max=129, min=127)
DATA_GAIN_H pin=156, mean=123 (max=124, min=122)
DATA_GAIN_H pin=157, mean=125 (max=126, min=124)
DATA_GAIN_H pin=158, mean=123 (max=124, min=121)
DATA_GAIN_H pin=159, mean=123 (max=124, min=122)
DATA_GAIN_H pin=160, mean=126 (max=127, min=125)
PPCP_GAIN_H card= 10, code=126 (max=128, min=123)
DATA_GAIN_L pin=145, mean=126 (max=127, min=125)
DATA_GAIN_L pin=146, mean=123 (max=124, min=122)
DATA_GAIN_L pin=147, mean=126 (max=127, min=125)
DATA_GAIN_L pin=148, mean=124 (max=125, min=123)
DATA_GAIN_L pin=149, mean=124 (max=125, min=122)
DATA_GAIN_L pin=150, mean=126 (max=127, min=125)
DATA_GAIN_L pin=151, mean=127 (max=128, min=125)
DATA_GAIN_L pin=152, mean=126 (max=127, min=125)
DATA_GAIN_L pin=153, mean=128 (max=129, min=126)
DATA_GAIN_L pin=154, mean=125 (max=125, min=124)
DATA_GAIN_L pin=155, mean=127 (max=128, min=125)
DATA_GAIN_L pin=156, mean=124 (max=125, min=122)
DATA_GAIN_L pin=157, mean=125 (max=127, min=124)
DATA_GAIN_L pin=158, mean=122 (max=124, min=121)
DATA_GAIN_L pin=159, mean=122 (max=124, min=121)
DATA_GAIN_L pin=160, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 10, code=125 (max=128, min=122)
DATA_GAIN_H pin=161, mean=122 (max=124, min=121)

DATA_GAIN_H pin=162, mean=122 (max=124, min=121)
DATA_GAIN_H pin=163, mean=125 (max=126, min=124)
DATA_GAIN_H pin=164, mean=124 (max=125, min=122)
DATA_GAIN_H pin=165, mean=122 (max=124, min=121)
DATA_GAIN_H pin=166, mean=121 (max=122, min=119)
DATA_GAIN_H pin=167, mean=125 (max=126, min=124)
DATA_GAIN_H pin=168, mean=124 (max=125, min=122)
DATA_GAIN_H pin=169, mean=121 (max=123, min=120)
DATA_GAIN_H pin=170, mean=124 (max=125, min=123)
DATA_GAIN_H pin=171, mean=121 (max=123, min=120)
DATA_GAIN_H pin=172, mean=122 (max=124, min=121)
DATA_GAIN_H pin=173, mean=123 (max=124, min=122)
DATA_GAIN_H pin=174, mean=123 (max=124, min=122)
DATA_GAIN_H pin=175, mean=123 (max=124, min=122)
DATA_GAIN_H pin=176, mean=121 (max=122, min=120)
PPCP_GAIN_H card= 11, code=123 (max=125, min=121)
DATA_GAIN_L pin=161, mean=123 (max=124, min=121)
DATA_GAIN_L pin=162, mean=124 (max=124, min=123)
DATA_GAIN_L pin=163, mean=125 (max=126, min=124)
DATA_GAIN_L pin=164, mean=123 (max=125, min=122)
DATA_GAIN_L pin=165, mean=123 (max=124, min=121)
DATA_GAIN_L pin=166, mean=122 (max=123, min=121)
DATA_GAIN_L pin=167, mean=125 (max=126, min=123)
DATA_GAIN_L pin=168, mean=125 (max=126, min=123)
DATA_GAIN_L pin=169, mean=122 (max=123, min=121)
DATA_GAIN_L pin=170, mean=124 (max=126, min=123)
DATA_GAIN_L pin=171, mean=122 (max=123, min=121)
DATA_GAIN_L pin=172, mean=123 (max=125, min=122)
DATA_GAIN_L pin=173, mean=124 (max=125, min=123)
DATA_GAIN_L pin=174, mean=124 (max=126, min=123)
DATA_GAIN_L pin=175, mean=124 (max=125, min=123)
DATA_GAIN_L pin=176, mean=121 (max=123, min=120)
PPCP_GAIN_L card= 11, code=123 (max=125, min=121)
DATA_GAIN_H pin=177, mean=128 (max=129, min=127)
DATA_GAIN_H pin=178, mean=128 (max=129, min=126)
DATA_GAIN_H pin=179, mean=128 (max=129, min=126)

DATA_GAIN_H pin=180, mean=128 (max=129, min=127)
DATA_GAIN_H pin=181, mean=128 (max=129, min=127)
DATA_GAIN_H pin=182, mean=129 (max=130, min=126)
DATA_GAIN_H pin=183, mean=129 (max=130, min=127)
DATA_GAIN_H pin=184, mean=129 (max=129, min=127)
DATA_GAIN_H pin=185, mean=130 (max=131, min=128)
DATA_GAIN_H pin=186, mean=126 (max=127, min=125)
DATA_GAIN_H pin=187, mean=128 (max=129, min=126)
DATA_GAIN_H pin=188, mean=126 (max=127, min=125)
DATA_GAIN_H pin=189, mean=127 (max=129, min=126)
DATA_GAIN_H pin=190, mean=128 (max=129, min=126)
DATA_GAIN_H pin=191, mean=126 (max=127, min=125)
DATA_GAIN_H pin=192, mean=126 (max=127, min=125)
PPCP_GAIN_H card= 12, code=128 (max=130, min=126)
DATA_GAIN_L pin=177, mean=128 (max=129, min=127)
DATA_GAIN_L pin=178, mean=128 (max=129, min=126)
DATA_GAIN_L pin=179, mean=128 (max=129, min=126)
DATA_GAIN_L pin=180, mean=128 (max=129, min=126)
DATA_GAIN_L pin=181, mean=128 (max=129, min=127)
DATA_GAIN_L pin=182, mean=127 (max=129, min=126)
DATA_GAIN_L pin=183, mean=128 (max=129, min=126)
DATA_GAIN_L pin=184, mean=129 (max=130, min=128)
DATA_GAIN_L pin=185, mean=129 (max=130, min=128)
DATA_GAIN_L pin=186, mean=127 (max=129, min=125)
DATA_GAIN_L pin=187, mean=127 (max=129, min=126)
DATA_GAIN_L pin=188, mean=126 (max=127, min=123)
DATA_GAIN_L pin=189, mean=127 (max=128, min=125)
DATA_GAIN_L pin=190, mean=127 (max=128, min=126)
DATA_GAIN_L pin=191, mean=126 (max=128, min=125)
DATA_GAIN_L pin=192, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 12, code=128 (max=129, min=126)
DATA_GAIN_H pin=193, mean=133 (max=134, min=131)
DATA_GAIN_H pin=194, mean=132 (max=133, min=131)
DATA_GAIN_H pin=195, mean=128 (max=130, min=127)
DATA_GAIN_H pin=196, mean=131 (max=132, min=130)
DATA_GAIN_H pin=197, mean=130 (max=132, min=129)

DATA_GAIN_H pin=198, mean=131 (max=132, min=130)
DATA_GAIN_H pin=199, mean=131 (max=132, min=129)
DATA_GAIN_H pin=200, mean=131 (max=132, min=130)
DATA_GAIN_H pin=201, mean=131 (max=132, min=130)
DATA_GAIN_H pin=202, mean=131 (max=132, min=130)
DATA_GAIN_H pin=203, mean=127 (max=128, min=126)
DATA_GAIN_H pin=204, mean=132 (max=133, min=130)
DATA_GAIN_H pin=205, mean=133 (max=134, min=132)
DATA_GAIN_H pin=206, mean=131 (max=132, min=130)
DATA_GAIN_H pin=207, mean=129 (max=130, min=128)
DATA_GAIN_H pin=208, mean=128 (max=129, min=128)
PPCP_GAIN_H card= 13, code=130 (max=133, min=127)
DATA_GAIN_L pin=193, mean=130 (max=131, min=128)
DATA_GAIN_L pin=194, mean=130 (max=131, min=128)
DATA_GAIN_L pin=195, mean=127 (max=128, min=126)
DATA_GAIN_L pin=196, mean=130 (max=131, min=129)
DATA_GAIN_L pin=197, mean=129 (max=131, min=128)
DATA_GAIN_L pin=198, mean=130 (max=131, min=129)
DATA_GAIN_L pin=199, mean=129 (max=130, min=128)
DATA_GAIN_L pin=200, mean=129 (max=131, min=128)
DATA_GAIN_L pin=201, mean=129 (max=130, min=128)
DATA_GAIN_L pin=202, mean=129 (max=130, min=128)
DATA_GAIN_L pin=203, mean=126 (max=127, min=125)
DATA_GAIN_L pin=204, mean=130 (max=131, min=129)
DATA_GAIN_L pin=205, mean=130 (max=131, min=129)
DATA_GAIN_L pin=206, mean=128 (max=129, min=126)
DATA_GAIN_L pin=207, mean=126 (max=127, min=125)
DATA_GAIN_L pin=208, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 13, code=128 (max=130, min=126)
DATA_GAIN_H pin=209, mean=130 (max=131, min=129)
DATA_GAIN_H pin=210, mean=127 (max=128, min=126)
DATA_GAIN_H pin=211, mean=126 (max=127, min=125)
DATA_GAIN_H pin=212, mean=126 (max=127, min=125)
DATA_GAIN_H pin=213, mean=128 (max=130, min=127)
DATA_GAIN_H pin=214, mean=128 (max=130, min=127)
DATA_GAIN_H pin=215, mean=127 (max=129, min=126)

DATA_GAIN_H pin=216, mean=129 (max=131, min=128)
DATA_GAIN_H pin=217, mean=126 (max=127, min=124)
DATA_GAIN_H pin=218, mean=128 (max=130, min=126)
DATA_GAIN_H pin=219, mean=128 (max=130, min=127)
DATA_GAIN_H pin=220, mean=126 (max=128, min=125)
DATA_GAIN_H pin=221, mean=126 (max=127, min=125)
DATA_GAIN_H pin=222, mean=126 (max=128, min=125)
DATA_GAIN_H pin=223, mean=131 (max=132, min=130)
DATA_GAIN_H pin=224, mean=126 (max=127, min=125)
PPCP_GAIN_H card= 14, code=129 (max=131, min=126)
DATA_GAIN_L pin=209, mean=129 (max=130, min=127)
DATA_GAIN_L pin=210, mean=126 (max=127, min=124)
DATA_GAIN_L pin=211, mean=125 (max=126, min=124)
DATA_GAIN_L pin=212, mean=126 (max=126, min=124)
DATA_GAIN_L pin=213, mean=128 (max=129, min=126)
DATA_GAIN_L pin=214, mean=127 (max=129, min=126)
DATA_GAIN_L pin=215, mean=126 (max=128, min=125)
DATA_GAIN_L pin=216, mean=128 (max=130, min=127)
DATA_GAIN_L pin=217, mean=123 (max=124, min=122)
DATA_GAIN_L pin=218, mean=127 (max=129, min=126)
DATA_GAIN_L pin=219, mean=128 (max=130, min=127)
DATA_GAIN_L pin=220, mean=125 (max=126, min=124)
DATA_GAIN_L pin=221, mean=126 (max=127, min=124)
DATA_GAIN_L pin=222, mean=125 (max=127, min=124)
DATA_GAIN_L pin=223, mean=130 (max=131, min=129)
DATA_GAIN_L pin=224, mean=125 (max=126, min=124)
PPCP_GAIN_L card= 14, code=127 (max=130, min=123)
DATA_GAIN_H pin=225, mean=129 (max=131, min=128)
DATA_GAIN_H pin=226, mean=129 (max=130, min=128)
DATA_GAIN_H pin=227, mean=129 (max=131, min=128)
DATA_GAIN_H pin=228, mean=129 (max=131, min=128)
DATA_GAIN_H pin=229, mean=129 (max=131, min=128)
DATA_GAIN_H pin=230, mean=131 (max=131, min=130)
DATA_GAIN_H pin=231, mean=127 (max=128, min=125)
DATA_GAIN_H pin=232, mean=129 (max=131, min=128)
DATA_GAIN_H pin=233, mean=130 (max=132, min=129)

DATA_GAIN_H pin=234, mean=129 (max=130, min=128)
DATA_GAIN_H pin=235, mean=127 (max=128, min=125)
DATA_GAIN_H pin=236, mean=128 (max=129, min=127)
DATA_GAIN_H pin=237, mean=126 (max=127, min=124)
DATA_GAIN_H pin=238, mean=126 (max=128, min=125)
DATA_GAIN_H pin=239, mean=129 (max=130, min=127)
DATA_GAIN_H pin=240, mean=128 (max=130, min=127)
PPCP_GAIN_H card= 15, code=129 (max=131, min=126)
DATA_GAIN_L pin=225, mean=130 (max=132, min=128)
DATA_GAIN_L pin=226, mean=130 (max=132, min=128)
DATA_GAIN_L pin=227, mean=130 (max=131, min=128)
DATA_GAIN_L pin=228, mean=130 (max=131, min=128)
DATA_GAIN_L pin=229, mean=129 (max=131, min=126)
DATA_GAIN_L pin=230, mean=131 (max=132, min=129)
DATA_GAIN_L pin=231, mean=128 (max=129, min=126)
DATA_GAIN_L pin=232, mean=130 (max=131, min=129)
DATA_GAIN_L pin=233, mean=130 (max=131, min=128)
DATA_GAIN_L pin=234, mean=130 (max=132, min=128)
DATA_GAIN_L pin=235, mean=128 (max=129, min=127)
DATA_GAIN_L pin=236, mean=128 (max=130, min=127)
DATA_GAIN_L pin=237, mean=127 (max=128, min=126)
DATA_GAIN_L pin=238, mean=127 (max=129, min=126)
DATA_GAIN_L pin=239, mean=130 (max=131, min=128)
DATA_GAIN_L pin=240, mean=129 (max=131, min=127)
PPCP_GAIN_L card= 15, code=129 (max=131, min=127)
DATA_GAIN_H pin=241, mean=139 (max=141, min=137)
DATA_GAIN_H pin=242, mean=137 (max=139, min=136)
DATA_GAIN_H pin=243, mean=137 (max=138, min=135)
DATA_GAIN_H pin=244, mean=139 (max=140, min=138)
DATA_GAIN_H pin=245, mean=140 (max=140, min=139)
DATA_GAIN_H pin=246, mean=136 (max=137, min=135)
DATA_GAIN_H pin=247, mean=139 (max=141, min=138)
DATA_GAIN_H pin=248, mean=137 (max=138, min=136)
DATA_GAIN_H pin=249, mean=136 (max=137, min=134)
DATA_GAIN_H pin=250, mean=136 (max=137, min=134)
DATA_GAIN_H pin=251, mean=135 (max=136, min=133)

DATA_GAIN_H pin=252, mean=141 (max=142, min=140)
DATA_GAIN_H pin=253, mean=139 (max=141, min=137)
DATA_GAIN_H pin=254, mean=136 (max=137, min=135)
DATA_GAIN_H pin=255, mean=139 (max=141, min=138)
DATA_GAIN_H pin=256, mean=136 (max=137, min=134)
PPCP_GAIN_H card= 16, code=138 (max=141, min=135)
DATA_GAIN_L pin=241, mean=139 (max=140, min=137)
DATA_GAIN_L pin=242, mean=136 (max=138, min=135)
DATA_GAIN_L pin=243, mean=136 (max=137, min=135)
DATA_GAIN_L pin=244, mean=139 (max=140, min=138)
DATA_GAIN_L pin=245, mean=140 (max=141, min=138)
DATA_GAIN_L pin=246, mean=136 (max=137, min=135)
DATA_GAIN_L pin=247, mean=138 (max=139, min=137)
DATA_GAIN_L pin=248, mean=136 (max=137, min=135)
DATA_GAIN_L pin=249, mean=135 (max=136, min=134)
DATA_GAIN_L pin=250, mean=136 (max=137, min=135)
DATA_GAIN_L pin=251, mean=135 (max=137, min=134)
DATA_GAIN_L pin=252, mean=139 (max=141, min=138)
DATA_GAIN_L pin=253, mean=137 (max=138, min=136)
DATA_GAIN_L pin=254, mean=137 (max=138, min=136)
DATA_GAIN_L pin=255, mean=139 (max=140, min=138)
DATA_GAIN_L pin=256, mean=135 (max=137, min=134)
PPCP_GAIN_L card= 16, code=138 (max=140, min=135)
DATA_GAIN_H pin=257, mean=128 (max=129, min=126)
DATA_GAIN_H pin=258, mean=128 (max=129, min=127)
DATA_GAIN_H pin=259, mean=126 (max=127, min=125)
DATA_GAIN_H pin=260, mean=125 (max=126, min=123)
DATA_GAIN_H pin=261, mean=127 (max=128, min=127)
DATA_GAIN_H pin=262, mean=127 (max=128, min=126)
DATA_GAIN_H pin=263, mean=129 (max=130, min=127)
DATA_GAIN_H pin=264, mean=128 (max=128, min=126)
DATA_GAIN_H pin=265, mean=127 (max=129, min=126)
DATA_GAIN_H pin=266, mean=126 (max=127, min=125)
DATA_GAIN_H pin=267, mean=126 (max=127, min=125)
DATA_GAIN_H pin=268, mean=126 (max=127, min=125)
DATA_GAIN_H pin=269, mean=136 (max=137, min=134)

DATA_GAIN_H pin=270, mean=126 (max=127, min=124)
DATA_GAIN_H pin=271, mean=124 (max=125, min=122)
DATA_GAIN_H pin=272, mean=129 (max=130, min=127)
PPCP_GAIN_H card= 17, code=130 (max=136, min=124)
DATA_GAIN_L pin=257, mean=128 (max=129, min=126)
DATA_GAIN_L pin=258, mean=129 (max=130, min=128)
DATA_GAIN_L pin=259, mean=126 (max=127, min=124)
DATA_GAIN_L pin=260, mean=126 (max=127, min=125)
DATA_GAIN_L pin=261, mean=128 (max=130, min=127)
DATA_GAIN_L pin=262, mean=128 (max=130, min=126)
DATA_GAIN_L pin=263, mean=129 (max=130, min=128)
DATA_GAIN_L pin=264, mean=128 (max=129, min=126)
DATA_GAIN_L pin=265, mean=127 (max=129, min=125)
DATA_GAIN_L pin=266, mean=125 (max=126, min=124)
DATA_GAIN_L pin=267, mean=127 (max=129, min=125)
DATA_GAIN_L pin=268, mean=126 (max=128, min=124)
DATA_GAIN_L pin=269, mean=135 (max=137, min=134)
DATA_GAIN_L pin=270, mean=126 (max=127, min=124)
DATA_GAIN_L pin=271, mean=124 (max=125, min=122)
DATA_GAIN_L pin=272, mean=129 (max=131, min=128)
PPCP_GAIN_L card= 17, code=130 (max=135, min=124)
DATA_GAIN_H pin=273, mean=123 (max=124, min=121)
DATA_GAIN_H pin=274, mean=124 (max=125, min=122)
DATA_GAIN_H pin=275, mean=126 (max=127, min=125)
DATA_GAIN_H pin=276, mean=123 (max=125, min=122)
DATA_GAIN_H pin=277, mean=126 (max=128, min=125)
DATA_GAIN_H pin=278, mean=124 (max=125, min=122)
DATA_GAIN_H pin=279, mean=125 (max=126, min=124)
DATA_GAIN_H pin=280, mean=123 (max=124, min=122)
DATA_GAIN_H pin=281, mean=125 (max=126, min=124)
DATA_GAIN_H pin=282, mean=123 (max=125, min=122)
DATA_GAIN_H pin=283, mean=124 (max=125, min=122)
DATA_GAIN_H pin=284, mean=123 (max=125, min=122)
DATA_GAIN_H pin=285, mean=127 (max=128, min=126)
DATA_GAIN_H pin=286, mean=122 (max=123, min=121)
DATA_GAIN_H pin=287, mean=122 (max=124, min=121)

DATA_GAIN_H pin=288, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 18, code=125 (max=127, min=122)
DATA_GAIN_L pin=273, mean=122 (max=123, min=120)
DATA_GAIN_L pin=274, mean=124 (max=124, min=122)
DATA_GAIN_L pin=275, mean=125 (max=126, min=124)
DATA_GAIN_L pin=276, mean=123 (max=124, min=121)
DATA_GAIN_L pin=277, mean=126 (max=128, min=125)
DATA_GAIN_L pin=278, mean=123 (max=123, min=121)
DATA_GAIN_L pin=279, mean=126 (max=127, min=124)
DATA_GAIN_L pin=280, mean=122 (max=123, min=121)
DATA_GAIN_L pin=281, mean=124 (max=125, min=123)
DATA_GAIN_L pin=282, mean=122 (max=123, min=121)
DATA_GAIN_L pin=283, mean=123 (max=124, min=122)
DATA_GAIN_L pin=284, mean=123 (max=124, min=122)
DATA_GAIN_L pin=285, mean=126 (max=127, min=125)
DATA_GAIN_L pin=286, mean=121 (max=123, min=120)
DATA_GAIN_L pin=287, mean=121 (max=123, min=120)
DATA_GAIN_L pin=288, mean=124 (max=125, min=123)
PPCP_GAIN_L card= 18, code=124 (max=126, min=121)
DATA_GAIN_H pin=289, mean=127 (max=128, min=126)
DATA_GAIN_H pin=290, mean=126 (max=127, min=124)
DATA_GAIN_H pin=291, mean=127 (max=129, min=126)
DATA_GAIN_H pin=292, mean=127 (max=128, min=126)
DATA_GAIN_H pin=293, mean=129 (max=130, min=127)
DATA_GAIN_H pin=294, mean=130 (max=131, min=128)
DATA_GAIN_H pin=295, mean=129 (max=131, min=128)
DATA_GAIN_H pin=296, mean=127 (max=129, min=126)
DATA_GAIN_H pin=297, mean=130 (max=130, min=129)
DATA_GAIN_H pin=298, mean=125 (max=126, min=124)
DATA_GAIN_H pin=299, mean=130 (max=131, min=129)
DATA_GAIN_H pin=300, mean=129 (max=130, min=127)
DATA_GAIN_H pin=301, mean=131 (max=132, min=129)
DATA_GAIN_H pin=302, mean=127 (max=129, min=126)
DATA_GAIN_H pin=303, mean=126 (max=127, min=125)
DATA_GAIN_H pin=304, mean=128 (max=130, min=127)
PPCP_GAIN_H card= 19, code=128 (max=131, min=125)

DATA_GAIN_L pin=289, mean=127 (max=128, min=126)
DATA_GAIN_L pin=290, mean=126 (max=128, min=125)
DATA_GAIN_L pin=291, mean=127 (max=128, min=126)
DATA_GAIN_L pin=292, mean=127 (max=128, min=126)
DATA_GAIN_L pin=293, mean=128 (max=129, min=127)
DATA_GAIN_L pin=294, mean=129 (max=130, min=127)
DATA_GAIN_L pin=295, mean=129 (max=131, min=127)
DATA_GAIN_L pin=296, mean=127 (max=128, min=125)
DATA_GAIN_L pin=297, mean=130 (max=131, min=129)
DATA_GAIN_L pin=298, mean=126 (max=127, min=125)
DATA_GAIN_L pin=299, mean=129 (max=131, min=128)
DATA_GAIN_L pin=300, mean=128 (max=129, min=127)
DATA_GAIN_L pin=301, mean=130 (max=131, min=129)
DATA_GAIN_L pin=302, mean=127 (max=128, min=126)
DATA_GAIN_L pin=303, mean=127 (max=128, min=125)
DATA_GAIN_L pin=304, mean=128 (max=129, min=127)
PPCP_GAIN_L card= 19, code=128 (max=130, min=126)
DATA_GAIN_H pin=305, mean=124 (max=126, min=123)
DATA_GAIN_H pin=306, mean=126 (max=127, min=124)
DATA_GAIN_H pin=307, mean=124 (max=125, min=122)
DATA_GAIN_H pin=308, mean=123 (max=124, min=122)
DATA_GAIN_H pin=309, mean=126 (max=128, min=125)
DATA_GAIN_H pin=310, mean=125 (max=127, min=124)
DATA_GAIN_H pin=311, mean=124 (max=125, min=123)
DATA_GAIN_H pin=312, mean=127 (max=129, min=126)
DATA_GAIN_H pin=313, mean=125 (max=126, min=123)
DATA_GAIN_H pin=314, mean=127 (max=129, min=126)
DATA_GAIN_H pin=315, mean=126 (max=127, min=126)
DATA_GAIN_H pin=316, mean=126 (max=127, min=124)
DATA_GAIN_H pin=317, mean=124 (max=125, min=123)
DATA_GAIN_H pin=318, mean=126 (max=127, min=125)
DATA_GAIN_H pin=319, mean=126 (max=127, min=125)
DATA_GAIN_H pin=320, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 20, code=125 (max=127, min=123)
DATA_GAIN_L pin=305, mean=123 (max=124, min=121)
DATA_GAIN_L pin=306, mean=125 (max=126, min=123)

DATA_GAIN_L pin=307, mean=124 (max=125, min=122)
DATA_GAIN_L pin=308, mean=123 (max=124, min=121)
DATA_GAIN_L pin=309, mean=126 (max=127, min=125)
DATA_GAIN_L pin=310, mean=124 (max=125, min=122)
DATA_GAIN_L pin=311, mean=122 (max=124, min=121)
DATA_GAIN_L pin=312, mean=127 (max=128, min=125)
DATA_GAIN_L pin=313, mean=124 (max=125, min=122)
DATA_GAIN_L pin=314, mean=126 (max=127, min=125)
DATA_GAIN_L pin=315, mean=127 (max=128, min=125)
DATA_GAIN_L pin=316, mean=124 (max=125, min=123)
DATA_GAIN_L pin=317, mean=123 (max=124, min=122)
DATA_GAIN_L pin=318, mean=125 (max=126, min=124)
DATA_GAIN_L pin=319, mean=125 (max=126, min=123)
DATA_GAIN_L pin=320, mean=123 (max=124, min=121)
PPCP_GAIN_L card= 20, code=125 (max=127, min=122)
DATA_GAIN_H pin=321, mean=146 (max=147, min=145)
DATA_GAIN_H pin=322, mean=146 (max=147, min=144)
DATA_GAIN_H pin=323, mean=146 (max=147, min=144)
DATA_GAIN_H pin=324, mean=147 (max=148, min=146)
DATA_GAIN_H pin=325, mean=147 (max=148, min=146)
DATA_GAIN_H pin=326, mean=148 (max=149, min=147)
DATA_GAIN_H pin=327, mean=146 (max=147, min=145)
DATA_GAIN_H pin=328, mean=148 (max=149, min=147)
DATA_GAIN_H pin=329, mean=147 (max=148, min=146)
DATA_GAIN_H pin=330, mean=145 (max=146, min=144)
DATA_GAIN_H pin=331, mean=144 (max=145, min=143)
DATA_GAIN_H pin=332, mean=147 (max=148, min=146)
DATA_GAIN_H pin=333, mean=145 (max=147, min=144)
DATA_GAIN_H pin=334, mean=146 (max=147, min=145)
DATA_GAIN_H pin=335, mean=146 (max=147, min=145)
DATA_GAIN_H pin=336, mean=146 (max=147, min=145)
PPCP_GAIN_H card= 21, code=146 (max=148, min=144)
DATA_GAIN_L pin=321, mean=144 (max=145, min=142)
DATA_GAIN_L pin=322, mean=146 (max=148, min=145)
DATA_GAIN_L pin=323, mean=144 (max=145, min=143)
DATA_GAIN_L pin=324, mean=146 (max=147, min=145)

DATA_GAIN_L pin=325, mean=146 (max=147, min=144)
DATA_GAIN_L pin=326, mean=146 (max=147, min=145)
DATA_GAIN_L pin=327, mean=144 (max=146, min=143)
DATA_GAIN_L pin=328, mean=145 (max=147, min=144)
DATA_GAIN_L pin=329, mean=145 (max=146, min=144)
DATA_GAIN_L pin=330, mean=143 (max=144, min=143)
DATA_GAIN_L pin=331, mean=143 (max=144, min=142)
DATA_GAIN_L pin=332, mean=146 (max=147, min=145)
DATA_GAIN_L pin=333, mean=143 (max=144, min=142)
DATA_GAIN_L pin=334, mean=145 (max=146, min=144)
DATA_GAIN_L pin=335, mean=144 (max=145, min=143)
DATA_GAIN_L pin=336, mean=144 (max=145, min=143)
PPCP_GAIN_L card= 21, code=145 (max=146, min=143)
DATA_GAIN_H pin=337, mean=140 (max=141, min=139)
DATA_GAIN_H pin=338, mean=138 (max=140, min=137)
DATA_GAIN_H pin=339, mean=138 (max=140, min=137)
DATA_GAIN_H pin=340, mean=138 (max=140, min=137)
DATA_GAIN_H pin=341, mean=137 (max=139, min=135)
DATA_GAIN_H pin=342, mean=139 (max=140, min=137)
DATA_GAIN_H pin=343, mean=140 (max=141, min=139)
DATA_GAIN_H pin=344, mean=139 (max=140, min=137)
DATA_GAIN_H pin=345, mean=136 (max=137, min=134)
DATA_GAIN_H pin=346, mean=138 (max=140, min=136)
DATA_GAIN_H pin=347, mean=138 (max=139, min=137)
DATA_GAIN_H pin=348, mean=137 (max=138, min=135)
DATA_GAIN_H pin=349, mean=138 (max=139, min=137)
DATA_GAIN_H pin=350, mean=140 (max=141, min=138)
DATA_GAIN_H pin=351, mean=139 (max=140, min=138)
DATA_GAIN_H pin=352, mean=140 (max=141, min=139)
PPCP_GAIN_H card= 22, code=138 (max=140, min=136)
DATA_GAIN_L pin=337, mean=138 (max=140, min=137)
DATA_GAIN_L pin=338, mean=137 (max=138, min=136)
DATA_GAIN_L pin=339, mean=138 (max=140, min=137)
DATA_GAIN_L pin=340, mean=138 (max=138, min=137)
DATA_GAIN_L pin=341, mean=136 (max=138, min=134)
DATA_GAIN_L pin=342, mean=137 (max=138, min=136)

DATA_GAIN_L pin=343, mean=140 (max=141, min=138)
DATA_GAIN_L pin=344, mean=138 (max=140, min=137)
DATA_GAIN_L pin=345, mean=135 (max=136, min=134)
DATA_GAIN_L pin=346, mean=137 (max=138, min=136)
DATA_GAIN_L pin=347, mean=138 (max=140, min=136)
DATA_GAIN_L pin=348, mean=136 (max=137, min=135)
DATA_GAIN_L pin=349, mean=137 (max=138, min=135)
DATA_GAIN_L pin=350, mean=137 (max=139, min=136)
DATA_GAIN_L pin=351, mean=138 (max=139, min=137)
DATA_GAIN_L pin=352, mean=139 (max=140, min=138)
PPCP_GAIN_L card= 22, code=138 (max=140, min=135)
DATA_GAIN_H pin=353, mean=123 (max=124, min=122)
DATA_GAIN_H pin=354, mean=125 (max=126, min=123)
DATA_GAIN_H pin=355, mean=123 (max=125, min=122)
DATA_GAIN_H pin=356, mean=124 (max=126, min=124)
DATA_GAIN_H pin=357, mean=122 (max=123, min=121)
DATA_GAIN_H pin=358, mean=122 (max=123, min=121)
DATA_GAIN_H pin=359, mean=124 (max=125, min=123)
DATA_GAIN_H pin=360, mean=122 (max=123, min=121)
DATA_GAIN_H pin=361, mean=126 (max=127, min=126)
DATA_GAIN_H pin=362, mean=123 (max=124, min=122)
DATA_GAIN_H pin=363, mean=123 (max=124, min=122)
DATA_GAIN_H pin=364, mean=122 (max=123, min=120)
DATA_GAIN_H pin=365, mean=126 (max=127, min=125)
DATA_GAIN_H pin=366, mean=122 (max=123, min=121)
DATA_GAIN_H pin=367, mean=126 (max=127, min=125)
DATA_GAIN_H pin=368, mean=123 (max=125, min=122)
PPCP_GAIN_H card= 23, code=124 (max=126, min=122)
DATA_GAIN_L pin=353, mean=123 (max=124, min=122)
DATA_GAIN_L pin=354, mean=125 (max=126, min=123)
DATA_GAIN_L pin=355, mean=124 (max=125, min=123)
DATA_GAIN_L pin=356, mean=124 (max=125, min=123)
DATA_GAIN_L pin=357, mean=123 (max=125, min=122)
DATA_GAIN_L pin=358, mean=123 (max=125, min=121)
DATA_GAIN_L pin=359, mean=125 (max=126, min=124)
DATA_GAIN_L pin=360, mean=122 (max=123, min=121)

DATA_GAIN_L pin=361, mean=126 (max=127, min=124)
DATA_GAIN_L pin=362, mean=124 (max=124, min=123)
DATA_GAIN_L pin=363, mean=124 (max=125, min=122)
DATA_GAIN_L pin=364, mean=122 (max=123, min=121)
DATA_GAIN_L pin=365, mean=126 (max=128, min=125)
DATA_GAIN_L pin=366, mean=122 (max=123, min=121)
DATA_GAIN_L pin=367, mean=127 (max=128, min=125)
DATA_GAIN_L pin=368, mean=122 (max=123, min=121)
PPCP_GAIN_L card= 23, code=125 (max=127, min=122)
DATA_GAIN_H pin=385, mean=127 (max=128, min=126)
DATA_GAIN_H pin=386, mean=124 (max=125, min=122)
DATA_GAIN_H pin=387, mean=124 (max=125, min=123)
DATA_GAIN_H pin=388, mean=126 (max=127, min=124)
DATA_GAIN_H pin=389, mean=123 (max=123, min=121)
DATA_GAIN_H pin=390, mean=126 (max=127, min=125)
DATA_GAIN_H pin=391, mean=123 (max=125, min=122)
DATA_GAIN_H pin=392, mean=125 (max=126, min=124)
DATA_GAIN_H pin=393, mean=121 (max=122, min=120)
DATA_GAIN_H pin=394, mean=125 (max=126, min=124)
DATA_GAIN_H pin=395, mean=122 (max=123, min=121)
DATA_GAIN_H pin=396, mean=121 (max=122, min=121)
DATA_GAIN_H pin=397, mean=124 (max=125, min=123)
DATA_GAIN_H pin=398, mean=121 (max=122, min=119)
DATA_GAIN_H pin=399, mean=123 (max=124, min=121)
DATA_GAIN_H pin=400, mean=123 (max=125, min=122)
PPCP_GAIN_H card= 25, code=124 (max=127, min=121)
DATA_GAIN_L pin=385, mean=127 (max=128, min=126)
DATA_GAIN_L pin=386, mean=124 (max=124, min=122)
DATA_GAIN_L pin=387, mean=125 (max=126, min=123)
DATA_GAIN_L pin=388, mean=126 (max=127, min=124)
DATA_GAIN_L pin=389, mean=122 (max=123, min=121)
DATA_GAIN_L pin=390, mean=126 (max=127, min=125)
DATA_GAIN_L pin=391, mean=123 (max=124, min=122)
DATA_GAIN_L pin=392, mean=127 (max=128, min=126)
DATA_GAIN_L pin=393, mean=121 (max=122, min=120)
DATA_GAIN_L pin=394, mean=126 (max=128, min=125)

DATA_GAIN_L pin=395, mean=123 (max=124, min=122)
DATA_GAIN_L pin=396, mean=122 (max=123, min=121)
DATA_GAIN_L pin=397, mean=124 (max=125, min=122)
DATA_GAIN_L pin=398, mean=122 (max=122, min=121)
DATA_GAIN_L pin=399, mean=123 (max=124, min=122)
DATA_GAIN_L pin=400, mean=123 (max=124, min=122)
PPCP_GAIN_L card= 25, code=124 (max=127, min=121)
DATA_GAIN_H pin=401, mean=128 (max=129, min=127)
DATA_GAIN_H pin=402, mean=130 (max=132, min=129)
DATA_GAIN_H pin=403, mean=130 (max=131, min=129)
DATA_GAIN_H pin=404, mean=126 (max=128, min=125)
DATA_GAIN_H pin=405, mean=131 (max=132, min=129)
DATA_GAIN_H pin=406, mean=126 (max=127, min=125)
DATA_GAIN_H pin=407, mean=129 (max=131, min=128)
DATA_GAIN_H pin=408, mean=129 (max=130, min=127)
DATA_GAIN_H pin=409, mean=128 (max=128, min=127)
DATA_GAIN_H pin=410, mean=127 (max=128, min=126)
DATA_GAIN_H pin=411, mean=127 (max=128, min=126)
DATA_GAIN_H pin=412, mean=129 (max=131, min=127)
DATA_GAIN_H pin=413, mean=130 (max=131, min=128)
DATA_GAIN_H pin=414, mean=126 (max=127, min=125)
DATA_GAIN_H pin=415, mean=126 (max=127, min=125)
DATA_GAIN_H pin=416, mean=128 (max=130, min=126)
PPCP_GAIN_H card= 26, code=129 (max=131, min=126)
DATA_GAIN_L pin=401, mean=127 (max=128, min=125)
DATA_GAIN_L pin=402, mean=129 (max=130, min=127)
DATA_GAIN_L pin=403, mean=128 (max=130, min=126)
DATA_GAIN_L pin=404, mean=124 (max=125, min=123)
DATA_GAIN_L pin=405, mean=129 (max=130, min=127)
DATA_GAIN_L pin=406, mean=125 (max=126, min=123)
DATA_GAIN_L pin=407, mean=128 (max=130, min=127)
DATA_GAIN_L pin=408, mean=126 (max=127, min=125)
DATA_GAIN_L pin=409, mean=126 (max=127, min=125)
DATA_GAIN_L pin=410, mean=127 (max=128, min=125)
DATA_GAIN_L pin=411, mean=126 (max=126, min=125)
DATA_GAIN_L pin=412, mean=125 (max=126, min=123)

DATA_GAIN_L pin=413, mean=128 (max=129, min=126)
DATA_GAIN_L pin=414, mean=125 (max=127, min=123)
DATA_GAIN_L pin=415, mean=124 (max=125, min=123)
DATA_GAIN_L pin=416, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 26, code=127 (max=129, min=124)
DATA_GAIN_H pin=417, mean=124 (max=125, min=123)
DATA_GAIN_H pin=418, mean=121 (max=123, min=120)
DATA_GAIN_H pin=419, mean=124 (max=125, min=123)
DATA_GAIN_H pin=420, mean=123 (max=125, min=122)
DATA_GAIN_H pin=421, mean=124 (max=125, min=122)
DATA_GAIN_H pin=422, mean=123 (max=124, min=121)
DATA_GAIN_H pin=423, mean=121 (max=122, min=119)
DATA_GAIN_H pin=424, mean=112 (max=114, min=111)
DATA_GAIN_H pin=425, mean=123 (max=125, min=121)
DATA_GAIN_H pin=426, mean=124 (max=125, min=122)
DATA_GAIN_H pin=427, mean=120 (max=121, min=119)
DATA_GAIN_H pin=428, mean=121 (max=122, min=120)
DATA_GAIN_H pin=429, mean=122 (max=123, min=121)
DATA_GAIN_H pin=430, mean=120 (max=121, min=119)
DATA_GAIN_H pin=431, mean=122 (max=123, min=120)
DATA_GAIN_H pin=432, mean=120 (max=121, min=119)
PPCP_GAIN_H card= 27, code=118 (max=124, min=112)
DATA_GAIN_L pin=417, mean=124 (max=125, min=123)
DATA_GAIN_L pin=418, mean=122 (max=123, min=120)
DATA_GAIN_L pin=419, mean=124 (max=126, min=123)
DATA_GAIN_L pin=420, mean=124 (max=125, min=122)
DATA_GAIN_L pin=421, mean=124 (max=125, min=123)
DATA_GAIN_L pin=422, mean=123 (max=124, min=122)
DATA_GAIN_L pin=423, mean=121 (max=122, min=119)
DATA_GAIN_L pin=424, mean=113 (max=114, min=112)
DATA_GAIN_L pin=425, mean=123 (max=124, min=122)
DATA_GAIN_L pin=426, mean=123 (max=125, min=123)
DATA_GAIN_L pin=427, mean=121 (max=122, min=119)
DATA_GAIN_L pin=428, mean=120 (max=122, min=119)
DATA_GAIN_L pin=429, mean=122 (max=123, min=120)
DATA_GAIN_L pin=430, mean=120 (max=122, min=119)

DATA_GAIN_L pin=431, mean=122 (max=123, min=121)
DATA_GAIN_L pin=432, mean=120 (max=122, min=119)
PPCP_GAIN_L card= 27, code=119 (max=124, min=113)
DATA_GAIN_H pin=433, mean=121 (max=121, min=120)
DATA_GAIN_H pin=434, mean=122 (max=124, min=120)
DATA_GAIN_H pin=435, mean=121 (max=122, min=120)
DATA_GAIN_H pin=436, mean=119 (max=120, min=118)
DATA_GAIN_H pin=437, mean=121 (max=123, min=120)
DATA_GAIN_H pin=438, mean=119 (max=121, min=118)
DATA_GAIN_H pin=439, mean=121 (max=122, min=120)
DATA_GAIN_H pin=440, mean=122 (max=123, min=122)
DATA_GAIN_H pin=441, mean=121 (max=122, min=119)
DATA_GAIN_H pin=442, mean=120 (max=121, min=118)
DATA_GAIN_H pin=443, mean=122 (max=123, min=121)
DATA_GAIN_H pin=444, mean=121 (max=122, min=120)
DATA_GAIN_H pin=445, mean=119 (max=120, min=118)
DATA_GAIN_H pin=446, mean=121 (max=122, min=120)
DATA_GAIN_H pin=447, mean=121 (max=122, min=120)
DATA_GAIN_H pin=448, mean=121 (max=122, min=120)
PPCP_GAIN_H card= 28, code=121 (max=122, min=119)
DATA_GAIN_L pin=433, mean=118 (max=119, min=117)
DATA_GAIN_L pin=434, mean=118 (max=119, min=117)
DATA_GAIN_L pin=435, mean=120 (max=121, min=119)
DATA_GAIN_L pin=436, mean=117 (max=118, min=116)
DATA_GAIN_L pin=437, mean=120 (max=122, min=118)
DATA_GAIN_L pin=438, mean=118 (max=120, min=117)
DATA_GAIN_L pin=439, mean=119 (max=120, min=118)
DATA_GAIN_L pin=440, mean=120 (max=121, min=119)
DATA_GAIN_L pin=441, mean=118 (max=119, min=117)
DATA_GAIN_L pin=442, mean=119 (max=120, min=118)
DATA_GAIN_L pin=443, mean=120 (max=122, min=118)
DATA_GAIN_L pin=444, mean=119 (max=121, min=118)
DATA_GAIN_L pin=445, mean=118 (max=119, min=116)
DATA_GAIN_L pin=446, mean=119 (max=120, min=117)
DATA_GAIN_L pin=447, mean=119 (max=120, min=118)
DATA_GAIN_L pin=448, mean=117 (max=118, min=116)

PPCP_GAIN_L card= 28, code=119 (max=120, min=117)
DATA_GAIN_H pin=449, mean=138 (max=140, min=136)
DATA_GAIN_H pin=450, mean=137 (max=138, min=135)
DATA_GAIN_H pin=451, mean=138 (max=139, min=137)
DATA_GAIN_H pin=452, mean=136 (max=137, min=135)
DATA_GAIN_H pin=453, mean=137 (max=138, min=136)
DATA_GAIN_H pin=454, mean=136 (max=137, min=135)
DATA_GAIN_H pin=455, mean=139 (max=140, min=138)
DATA_GAIN_H pin=456, mean=138 (max=139, min=136)
DATA_GAIN_H pin=457, mean=140 (max=141, min=138)
DATA_GAIN_H pin=458, mean=138 (max=139, min=137)
DATA_GAIN_H pin=459, mean=135 (max=136, min=135)
DATA_GAIN_H pin=460, mean=137 (max=138, min=135)
DATA_GAIN_H pin=461, mean=137 (max=138, min=136)
DATA_GAIN_H pin=462, mean=138 (max=139, min=137)
DATA_GAIN_H pin=463, mean=138 (max=140, min=137)
DATA_GAIN_H pin=464, mean=138 (max=139, min=137)
PPCP_GAIN_H card= 29, code=138 (max=140, min=135)
DATA_GAIN_L pin=449, mean=140 (max=141, min=138)
DATA_GAIN_L pin=450, mean=139 (max=141, min=138)
DATA_GAIN_L pin=451, mean=139 (max=141, min=138)
DATA_GAIN_L pin=452, mean=138 (max=140, min=137)
DATA_GAIN_L pin=453, mean=139 (max=140, min=137)
DATA_GAIN_L pin=454, mean=138 (max=139, min=137)
DATA_GAIN_L pin=455, mean=141 (max=142, min=140)
DATA_GAIN_L pin=456, mean=140 (max=142, min=138)
DATA_GAIN_L pin=457, mean=141 (max=143, min=140)
DATA_GAIN_L pin=458, mean=139 (max=140, min=138)
DATA_GAIN_L pin=459, mean=137 (max=139, min=136)
DATA_GAIN_L pin=460, mean=138 (max=139, min=137)
DATA_GAIN_L pin=461, mean=139 (max=140, min=137)
DATA_GAIN_L pin=462, mean=139 (max=140, min=138)
DATA_GAIN_L pin=463, mean=139 (max=140, min=138)
DATA_GAIN_L pin=464, mean=139 (max=140, min=138)
PPCP_GAIN_L card= 29, code=139 (max=141, min=137)
DATA_GAIN_H pin=465, mean=125 (max=126, min=124)

DATA_GAIN_H pin=466, mean=127 (max=128, min=126)
DATA_GAIN_H pin=467, mean=126 (max=127, min=125)
DATA_GAIN_H pin=468, mean=125 (max=127, min=124)
DATA_GAIN_H pin=469, mean=127 (max=127, min=126)
DATA_GAIN_H pin=470, mean=124 (max=126, min=123)
DATA_GAIN_H pin=471, mean=125 (max=127, min=124)
DATA_GAIN_H pin=472, mean=127 (max=128, min=126)
DATA_GAIN_H pin=473, mean=124 (max=125, min=122)
DATA_GAIN_H pin=474, mean=125 (max=127, min=124)
DATA_GAIN_H pin=475, mean=124 (max=125, min=122)
DATA_GAIN_H pin=476, mean=126 (max=127, min=125)
DATA_GAIN_H pin=477, mean=123 (max=125, min=122)
DATA_GAIN_H pin=478, mean=124 (max=125, min=122)
DATA_GAIN_H pin=479, mean=124 (max=126, min=123)
DATA_GAIN_H pin=480, mean=125 (max=127, min=124)
PPCP_GAIN_H card= 30, code=125 (max=127, min=123)
DATA_GAIN_L pin=465, mean=124 (max=125, min=122)
DATA_GAIN_L pin=466, mean=126 (max=127, min=124)
DATA_GAIN_L pin=467, mean=126 (max=127, min=123)
DATA_GAIN_L pin=468, mean=125 (max=127, min=124)
DATA_GAIN_L pin=469, mean=127 (max=128, min=125)
DATA_GAIN_L pin=470, mean=123 (max=124, min=122)
DATA_GAIN_L pin=471, mean=126 (max=127, min=124)
DATA_GAIN_L pin=472, mean=127 (max=128, min=126)
DATA_GAIN_L pin=473, mean=123 (max=124, min=121)
DATA_GAIN_L pin=474, mean=126 (max=127, min=124)
DATA_GAIN_L pin=475, mean=122 (max=123, min=121)
DATA_GAIN_L pin=476, mean=125 (max=126, min=123)
DATA_GAIN_L pin=477, mean=122 (max=123, min=120)
DATA_GAIN_L pin=478, mean=123 (max=124, min=122)
DATA_GAIN_L pin=479, mean=125 (max=126, min=123)
DATA_GAIN_L pin=480, mean=125 (max=127, min=123)
PPCP_GAIN_L card= 30, code=125 (max=127, min=122)
DATA_GAIN_H pin=481, mean=126 (max=127, min=125)
DATA_GAIN_H pin=482, mean=122 (max=123, min=121)
DATA_GAIN_H pin=483, mean=126 (max=127, min=125)

DATA_GAIN_H pin=484, mean=127 (max=128, min=125)
DATA_GAIN_H pin=485, mean=125 (max=126, min=123)
DATA_GAIN_H pin=486, mean=125 (max=127, min=124)
DATA_GAIN_H pin=487, mean=124 (max=126, min=123)
DATA_GAIN_H pin=488, mean=124 (max=125, min=123)
DATA_GAIN_H pin=489, mean=123 (max=124, min=122)
DATA_GAIN_H pin=490, mean=126 (max=127, min=124)
DATA_GAIN_H pin=491, mean=124 (max=126, min=123)
DATA_GAIN_H pin=492, mean=125 (max=126, min=123)
DATA_GAIN_H pin=493, mean=124 (max=125, min=123)
DATA_GAIN_H pin=494, mean=127 (max=128, min=125)
DATA_GAIN_H pin=495, mean=127 (max=128, min=125)
DATA_GAIN_H pin=496, mean=125 (max=126, min=123)
PPCP_GAIN_H card= 31, code=125 (max=127, min=122)
DATA_GAIN_L pin=481, mean=127 (max=128, min=126)
DATA_GAIN_L pin=482, mean=122 (max=124, min=121)
DATA_GAIN_L pin=483, mean=127 (max=128, min=126)
DATA_GAIN_L pin=484, mean=127 (max=129, min=126)
DATA_GAIN_L pin=485, mean=126 (max=127, min=125)
DATA_GAIN_L pin=486, mean=126 (max=127, min=125)
DATA_GAIN_L pin=487, mean=126 (max=127, min=124)
DATA_GAIN_L pin=488, mean=124 (max=125, min=122)
DATA_GAIN_L pin=489, mean=122 (max=123, min=121)
DATA_GAIN_L pin=490, mean=125 (max=126, min=124)
DATA_GAIN_L pin=491, mean=124 (max=126, min=123)
DATA_GAIN_L pin=492, mean=125 (max=126, min=124)
DATA_GAIN_L pin=493, mean=123 (max=124, min=122)
DATA_GAIN_L pin=494, mean=126 (max=127, min=125)
DATA_GAIN_L pin=495, mean=126 (max=127, min=125)
DATA_GAIN_L pin=496, mean=125 (max=126, min=123)
PPCP_GAIN_L card= 31, code=125 (max=127, min=122)
DATA_GAIN_H pin=497, mean=140 (max=141, min=138)
DATA_GAIN_H pin=498, mean=142 (max=143, min=141)
DATA_GAIN_H pin=499, mean=143 (max=144, min=141)
DATA_GAIN_H pin=500, mean=142 (max=143, min=141)
DATA_GAIN_H pin=501, mean=141 (max=142, min=140)

DATA_GAIN_H pin=502, mean=133 (max=134, min=132)
DATA_GAIN_H pin=503, mean=141 (max=142, min=140)
DATA_GAIN_H pin=504, mean=142 (max=143, min=140)
DATA_GAIN_H pin=505, mean=140 (max=142, min=139)
DATA_GAIN_H pin=506, mean=139 (max=140, min=138)
DATA_GAIN_H pin=507, mean=141 (max=143, min=140)
DATA_GAIN_H pin=508, mean=141 (max=142, min=140)
DATA_GAIN_H pin=509, mean=139 (max=140, min=138)
DATA_GAIN_H pin=510, mean=139 (max=140, min=137)
DATA_GAIN_H pin=511, mean=138 (max=140, min=137)
DATA_GAIN_H pin=512, mean=139 (max=141, min=138)
PPCP_GAIN_H card= 32, code=138 (max=143, min=133)
DATA_GAIN_L pin=497, mean=139 (max=141, min=138)
DATA_GAIN_L pin=498, mean=141 (max=142, min=139)
DATA_GAIN_L pin=499, mean=141 (max=142, min=139)
DATA_GAIN_L pin=500, mean=140 (max=141, min=139)
DATA_GAIN_L pin=501, mean=141 (max=142, min=140)
DATA_GAIN_L pin=502, mean=131 (max=132, min=130)
DATA_GAIN_L pin=503, mean=140 (max=141, min=138)
DATA_GAIN_L pin=504, mean=141 (max=142, min=139)
DATA_GAIN_L pin=505, mean=138 (max=140, min=137)
DATA_GAIN_L pin=506, mean=137 (max=139, min=136)
DATA_GAIN_L pin=507, mean=141 (max=142, min=140)
DATA_GAIN_L pin=508, mean=140 (max=142, min=139)
DATA_GAIN_L pin=509, mean=138 (max=140, min=137)
DATA_GAIN_L pin=510, mean=137 (max=139, min=136)
DATA_GAIN_L pin=511, mean=137 (max=138, min=136)
DATA_GAIN_L pin=512, mean=138 (max=139, min=136)
PPCP_GAIN_L card= 32, code=136 (max=141, min=131)
DATA_GAIN_H pin=513, mean=128 (max=129, min=127)
DATA_GAIN_H pin=514, mean=127 (max=128, min=126)
DATA_GAIN_H pin=515, mean=126 (max=128, min=125)
DATA_GAIN_H pin=516, mean=126 (max=127, min=125)
DATA_GAIN_H pin=517, mean=129 (max=130, min=128)
DATA_GAIN_H pin=518, mean=127 (max=128, min=126)
DATA_GAIN_H pin=519, mean=128 (max=128, min=126)

DATA_GAIN_H pin=520, mean=127 (max=128, min=126)
DATA_GAIN_H pin=521, mean=124 (max=125, min=123)
DATA_GAIN_H pin=522, mean=128 (max=130, min=127)
DATA_GAIN_H pin=523, mean=125 (max=126, min=124)
DATA_GAIN_H pin=524, mean=129 (max=130, min=128)
DATA_GAIN_H pin=525, mean=125 (max=127, min=124)
DATA_GAIN_H pin=526, mean=129 (max=130, min=128)
DATA_GAIN_H pin=527, mean=127 (max=128, min=125)
DATA_GAIN_H pin=528, mean=127 (max=128, min=126)
PPCP_GAIN_H card= 33, code=127 (max=129, min=124)
DATA_GAIN_L pin=513, mean=129 (max=130, min=127)
DATA_GAIN_L pin=514, mean=128 (max=129, min=126)
DATA_GAIN_L pin=515, mean=125 (max=127, min=124)
DATA_GAIN_L pin=516, mean=125 (max=127, min=124)
DATA_GAIN_L pin=517, mean=129 (max=130, min=127)
DATA_GAIN_L pin=518, mean=127 (max=129, min=126)
DATA_GAIN_L pin=519, mean=129 (max=130, min=127)
DATA_GAIN_L pin=520, mean=128 (max=129, min=126)
DATA_GAIN_L pin=521, mean=125 (max=126, min=123)
DATA_GAIN_L pin=522, mean=128 (max=130, min=126)
DATA_GAIN_L pin=523, mean=125 (max=126, min=124)
DATA_GAIN_L pin=524, mean=129 (max=131, min=127)
DATA_GAIN_L pin=525, mean=125 (max=126, min=123)
DATA_GAIN_L pin=526, mean=128 (max=130, min=126)
DATA_GAIN_L pin=527, mean=127 (max=129, min=126)
DATA_GAIN_L pin=528, mean=127 (max=128, min=125)
PPCP_GAIN_L card= 33, code=127 (max=129, min=125)
DATA_GAIN_H pin=529, mean=124 (max=125, min=123)
DATA_GAIN_H pin=530, mean=126 (max=127, min=125)
DATA_GAIN_H pin=531, mean=127 (max=129, min=126)
DATA_GAIN_H pin=532, mean=124 (max=125, min=123)
DATA_GAIN_H pin=533, mean=123 (max=124, min=122)
DATA_GAIN_H pin=534, mean=124 (max=125, min=123)
DATA_GAIN_H pin=535, mean=124 (max=125, min=123)
DATA_GAIN_H pin=536, mean=124 (max=126, min=123)
DATA_GAIN_H pin=537, mean=124 (max=125, min=122)

DATA_GAIN_H pin=538, mean=125 (max=126, min=123)
DATA_GAIN_H pin=539, mean=126 (max=127, min=125)
DATA_GAIN_H pin=540, mean=124 (max=125, min=123)
DATA_GAIN_H pin=541, mean=124 (max=125, min=123)
DATA_GAIN_H pin=542, mean=124 (max=125, min=123)
DATA_GAIN_H pin=543, mean=124 (max=125, min=122)
DATA_GAIN_H pin=544, mean=123 (max=125, min=122)
PPCP_GAIN_H card= 34, code=125 (max=127, min=123)
DATA_GAIN_L pin=529, mean=122 (max=123, min=120)
DATA_GAIN_L pin=530, mean=124 (max=125, min=122)
DATA_GAIN_L pin=531, mean=126 (max=128, min=124)
DATA_GAIN_L pin=532, mean=123 (max=124, min=121)
DATA_GAIN_L pin=533, mean=122 (max=123, min=120)
DATA_GAIN_L pin=534, mean=123 (max=124, min=122)
DATA_GAIN_L pin=535, mean=122 (max=124, min=121)
DATA_GAIN_L pin=536, mean=123 (max=124, min=122)
DATA_GAIN_L pin=537, mean=123 (max=124, min=122)
DATA_GAIN_L pin=538, mean=123 (max=124, min=121)
DATA_GAIN_L pin=539, mean=124 (max=125, min=123)
DATA_GAIN_L pin=540, mean=122 (max=124, min=121)
DATA_GAIN_L pin=541, mean=123 (max=124, min=121)
DATA_GAIN_L pin=542, mean=123 (max=124, min=121)
DATA_GAIN_L pin=543, mean=123 (max=124, min=121)
DATA_GAIN_L pin=544, mean=122 (max=124, min=121)
PPCP_GAIN_L card= 34, code=124 (max=126, min=122)
DATA_GAIN_H pin=545, mean=123 (max=124, min=122)
DATA_GAIN_H pin=546, mean=125 (max=126, min=123)
DATA_GAIN_H pin=547, mean=124 (max=124, min=123)
DATA_GAIN_H pin=548, mean=126 (max=127, min=124)
DATA_GAIN_H pin=549, mean=123 (max=124, min=121)
DATA_GAIN_H pin=550, mean=123 (max=124, min=122)
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DATA_GAIN_H pin=552, mean=125 (max=126, min=123)
DATA_GAIN_H pin=553, mean=122 (max=123, min=121)
DATA_GAIN_H pin=554, mean=123 (max=124, min=122)
DATA_GAIN_H pin=555, mean=123 (max=124, min=122)

DATA_GAIN_H pin=556, mean=124 (max=124, min=123)
DATA_GAIN_H pin=557, mean=126 (max=128, min=125)
DATA_GAIN_H pin=558, mean=122 (max=123, min=121)
DATA_GAIN_H pin=559, mean=122 (max=123, min=121)
DATA_GAIN_H pin=560, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 35, code=124 (max=126, min=122)
DATA_GAIN_L pin=545, mean=122 (max=124, min=121)
DATA_GAIN_L pin=546, mean=125 (max=127, min=123)
DATA_GAIN_L pin=547, mean=123 (max=125, min=121)
DATA_GAIN_L pin=548, mean=124 (max=125, min=123)
DATA_GAIN_L pin=549, mean=122 (max=124, min=121)
DATA_GAIN_L pin=550, mean=124 (max=126, min=122)
DATA_GAIN_L pin=551, mean=122 (max=124, min=120)
DATA_GAIN_L pin=552, mean=125 (max=125, min=123)
DATA_GAIN_L pin=553, mean=122 (max=124, min=121)
DATA_GAIN_L pin=554, mean=123 (max=125, min=121)
DATA_GAIN_L pin=555, mean=123 (max=124, min=121)
DATA_GAIN_L pin=556, mean=123 (max=124, min=121)
DATA_GAIN_L pin=557, mean=125 (max=127, min=124)
DATA_GAIN_L pin=558, mean=123 (max=124, min=121)
DATA_GAIN_L pin=559, mean=122 (max=124, min=121)
DATA_GAIN_L pin=560, mean=122 (max=124, min=121)
PPCP_GAIN_L card= 35, code=124 (max=125, min=122)
DATA_GAIN_H pin=561, mean=133 (max=134, min=132)
DATA_GAIN_H pin=562, mean=135 (max=135, min=133)
DATA_GAIN_H pin=563, mean=130 (max=132, min=129)
DATA_GAIN_H pin=564, mean=130 (max=131, min=128)
DATA_GAIN_H pin=565, mean=133 (max=134, min=132)
DATA_GAIN_H pin=566, mean=132 (max=133, min=131)
DATA_GAIN_H pin=567, mean=131 (max=132, min=130)
DATA_GAIN_H pin=568, mean=134 (max=136, min=133)
DATA_GAIN_H pin=569, mean=131 (max=133, min=131)
DATA_GAIN_H pin=570, mean=131 (max=132, min=130)
DATA_GAIN_H pin=571, mean=131 (max=131, min=130)
DATA_GAIN_H pin=572, mean=134 (max=136, min=133)
DATA_GAIN_H pin=573, mean=132 (max=132, min=131)

DATA_GAIN_H pin=574, mean=134 (max=135, min=133)
DATA_GAIN_H pin=575, mean=135 (max=136, min=134)
DATA_GAIN_H pin=576, mean=132 (max=134, min=131)
PPCP_GAIN_H card= 36, code=133 (max=135, min=130)
DATA_GAIN_L pin=561, mean=133 (max=135, min=132)
DATA_GAIN_L pin=562, mean=135 (max=136, min=133)
DATA_GAIN_L pin=563, mean=131 (max=132, min=130)
DATA_GAIN_L pin=564, mean=131 (max=132, min=130)
DATA_GAIN_L pin=565, mean=134 (max=135, min=133)
DATA_GAIN_L pin=566, mean=133 (max=134, min=132)
DATA_GAIN_L pin=567, mean=131 (max=132, min=131)
DATA_GAIN_L pin=568, mean=134 (max=135, min=132)
DATA_GAIN_L pin=569, mean=131 (max=132, min=130)
DATA_GAIN_L pin=570, mean=130 (max=131, min=129)
DATA_GAIN_L pin=571, mean=131 (max=132, min=130)
DATA_GAIN_L pin=572, mean=134 (max=136, min=133)
DATA_GAIN_L pin=573, mean=132 (max=133, min=131)
DATA_GAIN_L pin=574, mean=134 (max=135, min=133)
DATA_GAIN_L pin=575, mean=134 (max=135, min=133)
DATA_GAIN_L pin=576, mean=132 (max=133, min=131)
PPCP_GAIN_L card= 36, code=133 (max=135, min=130)
DATA_GAIN_H pin=577, mean=129 (max=130, min=127)
DATA_GAIN_H pin=578, mean=126 (max=127, min=126)
DATA_GAIN_H pin=579, mean=125 (max=126, min=124)
DATA_GAIN_H pin=580, mean=128 (max=129, min=127)
DATA_GAIN_H pin=581, mean=128 (max=129, min=127)
DATA_GAIN_H pin=582, mean=126 (max=127, min=125)
DATA_GAIN_H pin=583, mean=125 (max=126, min=124)
DATA_GAIN_H pin=584, mean=126 (max=127, min=124)
DATA_GAIN_H pin=585, mean=126 (max=127, min=124)
DATA_GAIN_H pin=586, mean=128 (max=129, min=127)
DATA_GAIN_H pin=587, mean=124 (max=125, min=123)
DATA_GAIN_H pin=588, mean=127 (max=128, min=124)
DATA_GAIN_H pin=589, mean=128 (max=129, min=126)
DATA_GAIN_H pin=590, mean=123 (max=124, min=121)
DATA_GAIN_H pin=591, mean=126 (max=127, min=124)

DATA_GAIN_H pin=592, mean=128 (max=129, min=127)
PPCP_GAIN_H card= 37, code=126 (max=129, min=123)
DATA_GAIN_L pin=577, mean=130 (max=131, min=128)
DATA_GAIN_L pin=578, mean=128 (max=129, min=127)
DATA_GAIN_L pin=579, mean=125 (max=126, min=124)
DATA_GAIN_L pin=580, mean=128 (max=129, min=127)
DATA_GAIN_L pin=581, mean=128 (max=130, min=127)
DATA_GAIN_L pin=582, mean=127 (max=129, min=125)
DATA_GAIN_L pin=583, mean=126 (max=127, min=125)
DATA_GAIN_L pin=584, mean=127 (max=127, min=125)
DATA_GAIN_L pin=585, mean=127 (max=128, min=125)
DATA_GAIN_L pin=586, mean=127 (max=129, min=126)
DATA_GAIN_L pin=587, mean=124 (max=125, min=123)
DATA_GAIN_L pin=588, mean=128 (max=129, min=127)
DATA_GAIN_L pin=589, mean=128 (max=130, min=126)
DATA_GAIN_L pin=590, mean=123 (max=125, min=122)
DATA_GAIN_L pin=591, mean=126 (max=127, min=125)
DATA_GAIN_L pin=592, mean=129 (max=130, min=127)
PPCP_GAIN_L card= 37, code=127 (max=130, min=123)
DATA_GAIN_H pin=593, mean=130 (max=131, min=128)
DATA_GAIN_H pin=594, mean=129 (max=130, min=127)
DATA_GAIN_H pin=595, mean=129 (max=130, min=128)
DATA_GAIN_H pin=596, mean=132 (max=133, min=131)
DATA_GAIN_H pin=597, mean=128 (max=129, min=126)
DATA_GAIN_H pin=598, mean=132 (max=133, min=131)
DATA_GAIN_H pin=599, mean=130 (max=131, min=128)
DATA_GAIN_H pin=600, mean=129 (max=130, min=128)
DATA_GAIN_H pin=601, mean=132 (max=133, min=131)
DATA_GAIN_H pin=602, mean=128 (max=129, min=127)
DATA_GAIN_H pin=603, mean=128 (max=130, min=127)
DATA_GAIN_H pin=604, mean=128 (max=130, min=127)
DATA_GAIN_H pin=605, mean=130 (max=131, min=129)
DATA_GAIN_H pin=606, mean=130 (max=131, min=129)
DATA_GAIN_H pin=607, mean=127 (max=128, min=126)
DATA_GAIN_H pin=608, mean=127 (max=128, min=125)
PPCP_GAIN_H card= 38, code=130 (max=132, min=127)

DATA_GAIN_L pin=593, mean=130 (max=132, min=129)
DATA_GAIN_L pin=594, mean=128 (max=129, min=127)
DATA_GAIN_L pin=595, mean=130 (max=131, min=128)
DATA_GAIN_L pin=596, mean=131 (max=132, min=130)
DATA_GAIN_L pin=597, mean=129 (max=131, min=128)
DATA_GAIN_L pin=598, mean=132 (max=133, min=131)
DATA_GAIN_L pin=599, mean=128 (max=130, min=127)
DATA_GAIN_L pin=600, mean=129 (max=130, min=127)
DATA_GAIN_L pin=601, mean=133 (max=134, min=131)
DATA_GAIN_L pin=602, mean=127 (max=129, min=126)
DATA_GAIN_L pin=603, mean=128 (max=129, min=127)
DATA_GAIN_L pin=604, mean=128 (max=129, min=126)
DATA_GAIN_L pin=605, mean=130 (max=132, min=129)
DATA_GAIN_L pin=606, mean=130 (max=131, min=129)
DATA_GAIN_L pin=607, mean=126 (max=127, min=124)
DATA_GAIN_L pin=608, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 38, code=130 (max=133, min=126)
DATA_GAIN_H pin=609, mean=130 (max=132, min=129)
DATA_GAIN_H pin=610, mean=134 (max=135, min=133)
DATA_GAIN_H pin=611, mean=128 (max=130, min=127)
DATA_GAIN_H pin=612, mean=129 (max=130, min=127)
DATA_GAIN_H pin=613, mean=131 (max=133, min=130)
DATA_GAIN_H pin=614, mean=131 (max=133, min=130)
DATA_GAIN_H pin=615, mean=133 (max=134, min=132)
DATA_GAIN_H pin=616, mean=130 (max=132, min=128)
DATA_GAIN_H pin=617, mean=131 (max=132, min=129)
DATA_GAIN_H pin=618, mean=128 (max=129, min=126)
DATA_GAIN_H pin=619, mean=130 (max=131, min=128)
DATA_GAIN_H pin=620, mean=130 (max=132, min=129)
DATA_GAIN_H pin=621, mean=126 (max=127, min=124)
DATA_GAIN_H pin=622, mean=131 (max=133, min=129)
DATA_GAIN_H pin=623, mean=129 (max=130, min=128)
DATA_GAIN_H pin=624, mean=126 (max=127, min=125)
PPCP_GAIN_H card= 39, code=130 (max=134, min=126)
DATA_GAIN_L pin=609, mean=131 (max=132, min=129)
DATA_GAIN_L pin=610, mean=135 (max=137, min=133)

DATA_GAIN_L pin=611, mean=130 (max=132, min=128)
DATA_GAIN_L pin=612, mean=131 (max=132, min=129)
DATA_GAIN_L pin=613, mean=133 (max=136, min=131)
DATA_GAIN_L pin=614, mean=133 (max=136, min=131)
DATA_GAIN_L pin=615, mean=134 (max=136, min=132)
DATA_GAIN_L pin=616, mean=132 (max=136, min=129)
DATA_GAIN_L pin=617, mean=131 (max=133, min=130)
DATA_GAIN_L pin=618, mean=129 (max=132, min=127)
DATA_GAIN_L pin=619, mean=132 (max=136, min=130)
DATA_GAIN_L pin=620, mean=132 (max=133, min=130)
DATA_GAIN_L pin=621, mean=128 (max=130, min=125)
DATA_GAIN_L pin=622, mean=133 (max=136, min=131)
DATA_GAIN_L pin=623, mean=130 (max=132, min=128)
DATA_GAIN_L pin=624, mean=127 (max=129, min=125)
PPCP_GAIN_L card= 39, code=131 (max=135, min=127)
DATA_GAIN_H pin=625, mean=134 (max=135, min=133)
DATA_GAIN_H pin=626, mean=133 (max=134, min=132)
DATA_GAIN_H pin=627, mean=133 (max=135, min=132)
DATA_GAIN_H pin=628, mean=134 (max=135, min=132)
DATA_GAIN_H pin=629, mean=132 (max=133, min=131)
DATA_GAIN_H pin=630, mean=134 (max=135, min=133)
DATA_GAIN_H pin=631, mean=132 (max=133, min=131)
DATA_GAIN_H pin=632, mean=132 (max=133, min=131)
DATA_GAIN_H pin=633, mean=132 (max=133, min=131)
DATA_GAIN_H pin=634, mean=134 (max=135, min=133)
DATA_GAIN_H pin=635, mean=133 (max=134, min=132)
DATA_GAIN_H pin=636, mean=132 (max=133, min=131)
DATA_GAIN_H pin=637, mean=134 (max=136, min=133)
DATA_GAIN_H pin=638, mean=130 (max=131, min=129)
DATA_GAIN_H pin=639, mean=133 (max=134, min=132)
DATA_GAIN_H pin=640, mean=132 (max=133, min=130)
PPCP_GAIN_H card= 40, code=132 (max=134, min=130)
DATA_GAIN_L pin=625, mean=133 (max=134, min=131)
DATA_GAIN_L pin=626, mean=133 (max=134, min=131)
DATA_GAIN_L pin=627, mean=132 (max=134, min=131)
DATA_GAIN_L pin=628, mean=133 (max=134, min=131)

DATA_GAIN_L pin=629, mean=132 (max=133, min=131)
DATA_GAIN_L pin=630, mean=133 (max=134, min=131)
DATA_GAIN_L pin=631, mean=132 (max=133, min=131)
DATA_GAIN_L pin=632, mean=132 (max=133, min=131)
DATA_GAIN_L pin=633, mean=132 (max=134, min=131)
DATA_GAIN_L pin=634, mean=134 (max=135, min=132)
DATA_GAIN_L pin=635, mean=133 (max=134, min=131)
DATA_GAIN_L pin=636, mean=132 (max=133, min=130)
DATA_GAIN_L pin=637, mean=133 (max=134, min=131)
DATA_GAIN_L pin=638, mean=130 (max=131, min=129)
DATA_GAIN_L pin=639, mean=132 (max=134, min=131)
DATA_GAIN_L pin=640, mean=132 (max=133, min=131)
PPCP_GAIN_L card= 40, code=132 (max=134, min=130)
DATA_GAIN_H pin=641, mean=127 (max=128, min=126)
DATA_GAIN_H pin=642, mean=127 (max=128, min=126)
DATA_GAIN_H pin=643, mean=128 (max=129, min=127)
DATA_GAIN_H pin=644, mean=129 (max=130, min=128)
DATA_GAIN_H pin=645, mean=128 (max=128, min=127)
DATA_GAIN_H pin=646, mean=128 (max=128, min=127)
DATA_GAIN_H pin=647, mean=128 (max=129, min=127)
DATA_GAIN_H pin=648, mean=125 (max=126, min=124)
DATA_GAIN_H pin=649, mean=126 (max=127, min=124)
DATA_GAIN_H pin=650, mean=125 (max=126, min=124)
DATA_GAIN_H pin=651, mean=127 (max=127, min=126)
DATA_GAIN_H pin=652, mean=127 (max=128, min=126)
DATA_GAIN_H pin=653, mean=127 (max=129, min=126)
DATA_GAIN_H pin=654, mean=125 (max=126, min=124)
DATA_GAIN_H pin=655, mean=127 (max=128, min=126)
DATA_GAIN_H pin=656, mean=127 (max=128, min=125)
PPCP_GAIN_H card= 41, code=127 (max=129, min=125)
DATA_GAIN_L pin=641, mean=127 (max=128, min=125)
DATA_GAIN_L pin=642, mean=127 (max=129, min=126)
DATA_GAIN_L pin=643, mean=129 (max=130, min=128)
DATA_GAIN_L pin=644, mean=129 (max=130, min=128)
DATA_GAIN_L pin=645, mean=128 (max=129, min=127)
DATA_GAIN_L pin=646, mean=128 (max=129, min=126)

DATA_GAIN_L pin=647, mean=129 (max=130, min=128)
DATA_GAIN_L pin=648, mean=125 (max=127, min=124)
DATA_GAIN_L pin=649, mean=127 (max=128, min=126)
DATA_GAIN_L pin=650, mean=124 (max=126, min=123)
DATA_GAIN_L pin=651, mean=126 (max=127, min=126)
DATA_GAIN_L pin=652, mean=126 (max=127, min=125)
DATA_GAIN_L pin=653, mean=127 (max=128, min=126)
DATA_GAIN_L pin=654, mean=125 (max=126, min=123)
DATA_GAIN_L pin=655, mean=127 (max=128, min=126)
DATA_GAIN_L pin=656, mean=127 (max=129, min=126)
PPCP_GAIN_L card= 41, code=127 (max=129, min=124)
DATA_GAIN_H pin=657, mean=141 (max=142, min=139)
DATA_GAIN_H pin=658, mean=142 (max=143, min=141)
DATA_GAIN_H pin=659, mean=143 (max=145, min=142)
DATA_GAIN_H pin=660, mean=142 (max=143, min=141)
DATA_GAIN_H pin=661, mean=142 (max=143, min=140)
DATA_GAIN_H pin=662, mean=142 (max=143, min=141)
DATA_GAIN_H pin=663, mean=142 (max=144, min=141)
DATA_GAIN_H pin=664, mean=140 (max=142, min=139)
DATA_GAIN_H pin=665, mean=141 (max=143, min=140)
DATA_GAIN_H pin=666, mean=141 (max=143, min=140)
DATA_GAIN_H pin=667, mean=142 (max=143, min=140)
DATA_GAIN_H pin=668, mean=142 (max=143, min=140)
DATA_GAIN_H pin=669, mean=141 (max=143, min=140)
DATA_GAIN_H pin=670, mean=142 (max=143, min=141)
DATA_GAIN_H pin=671, mean=142 (max=143, min=140)
DATA_GAIN_H pin=672, mean=142 (max=143, min=140)
PPCP_GAIN_H card= 42, code=142 (max=143, min=140)
DATA_GAIN_L pin=657, mean=142 (max=143, min=141)
DATA_GAIN_L pin=658, mean=143 (max=144, min=142)
DATA_GAIN_L pin=659, mean=144 (max=145, min=142)
DATA_GAIN_L pin=660, mean=142 (max=143, min=141)
DATA_GAIN_L pin=661, mean=142 (max=143, min=141)
DATA_GAIN_L pin=662, mean=143 (max=144, min=141)
DATA_GAIN_L pin=663, mean=143 (max=144, min=142)
DATA_GAIN_L pin=664, mean=141 (max=142, min=140)

DATA_GAIN_L pin=665, mean=142 (max=143, min=141)
DATA_GAIN_L pin=666, mean=142 (max=143, min=141)
DATA_GAIN_L pin=667, mean=143 (max=143, min=141)
DATA_GAIN_L pin=668, mean=142 (max=143, min=141)
DATA_GAIN_L pin=669, mean=141 (max=144, min=140)
DATA_GAIN_L pin=670, mean=143 (max=144, min=142)
DATA_GAIN_L pin=671, mean=142 (max=143, min=140)
DATA_GAIN_L pin=672, mean=143 (max=144, min=142)
PPCP_GAIN_L card= 42, code=143 (max=144, min=141)
DATA_GAIN_H pin=673, mean=129 (max=130, min=128)
DATA_GAIN_H pin=674, mean=129 (max=130, min=127)
DATA_GAIN_H pin=675, mean=126 (max=126, min=125)
DATA_GAIN_H pin=676, mean=126 (max=127, min=125)
DATA_GAIN_H pin=677, mean=128 (max=129, min=127)
DATA_GAIN_H pin=678, mean=126 (max=127, min=125)
DATA_GAIN_H pin=679, mean=125 (max=126, min=123)
DATA_GAIN_H pin=680, mean=126 (max=128, min=125)
DATA_GAIN_H pin=681, mean=125 (max=126, min=124)
DATA_GAIN_H pin=682, mean=125 (max=126, min=123)
DATA_GAIN_H pin=683, mean=127 (max=128, min=125)
DATA_GAIN_H pin=684, mean=127 (max=128, min=126)
DATA_GAIN_H pin=685, mean=127 (max=128, min=126)
DATA_GAIN_H pin=686, mean=127 (max=129, min=126)
DATA_GAIN_H pin=687, mean=126 (max=127, min=125)
DATA_GAIN_H pin=688, mean=126 (max=128, min=125)
PPCP_GAIN_H card= 43, code=127 (max=129, min=125)
DATA_GAIN_L pin=673, mean=129 (max=131, min=129)
DATA_GAIN_L pin=674, mean=128 (max=129, min=126)
DATA_GAIN_L pin=675, mean=126 (max=127, min=125)
DATA_GAIN_L pin=676, mean=127 (max=128, min=126)
DATA_GAIN_L pin=677, mean=129 (max=130, min=128)
DATA_GAIN_L pin=678, mean=127 (max=128, min=125)
DATA_GAIN_L pin=679, mean=125 (max=127, min=123)
DATA_GAIN_L pin=680, mean=128 (max=129, min=126)
DATA_GAIN_L pin=681, mean=125 (max=127, min=124)
DATA_GAIN_L pin=682, mean=125 (max=126, min=124)

DATA_GAIN_L pin=683, mean=127 (max=128, min=126)
DATA_GAIN_L pin=684, mean=128 (max=129, min=126)
DATA_GAIN_L pin=685, mean=129 (max=129, min=128)
DATA_GAIN_L pin=686, mean=128 (max=129, min=126)
DATA_GAIN_L pin=687, mean=127 (max=129, min=126)
DATA_GAIN_L pin=688, mean=127 (max=128, min=125)
PPCP_GAIN_L card= 43, code=127 (max=129, min=125)
DATA_GAIN_H pin=689, mean=129 (max=131, min=128)
DATA_GAIN_H pin=690, mean=130 (max=131, min=129)
DATA_GAIN_H pin=691, mean=127 (max=129, min=125)
DATA_GAIN_H pin=692, mean=127 (max=128, min=125)
DATA_GAIN_H pin=693, mean=128 (max=129, min=127)
DATA_GAIN_H pin=694, mean=126 (max=127, min=125)
DATA_GAIN_H pin=695, mean=127 (max=128, min=126)
DATA_GAIN_H pin=696, mean=126 (max=127, min=125)
DATA_GAIN_H pin=697, mean=127 (max=128, min=126)
DATA_GAIN_H pin=698, mean=127 (max=129, min=125)
DATA_GAIN_H pin=699, mean=126 (max=127, min=124)
DATA_GAIN_H pin=700, mean=130 (max=131, min=129)
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DATA_GAIN_H pin=702, mean=128 (max=129, min=126)
DATA_GAIN_H pin=703, mean=127 (max=128, min=125)
DATA_GAIN_H pin=704, mean=128 (max=129, min=127)
PPCP_GAIN_H card= 44, code=128 (max=130, min=126)
DATA_GAIN_L pin=689, mean=128 (max=129, min=127)
DATA_GAIN_L pin=690, mean=128 (max=130, min=127)
DATA_GAIN_L pin=691, mean=126 (max=127, min=125)
DATA_GAIN_L pin=692, mean=125 (max=127, min=124)
DATA_GAIN_L pin=693, mean=126 (max=127, min=124)
DATA_GAIN_L pin=694, mean=124 (max=126, min=122)
DATA_GAIN_L pin=695, mean=126 (max=127, min=124)
DATA_GAIN_L pin=696, mean=124 (max=125, min=123)
DATA_GAIN_L pin=697, mean=125 (max=127, min=124)
DATA_GAIN_L pin=698, mean=125 (max=127, min=124)
DATA_GAIN_L pin=699, mean=126 (max=127, min=125)
DATA_GAIN_L pin=700, mean=127 (max=128, min=126)

DATA_GAIN_L pin=701, mean=124 (max=126, min=123)
DATA_GAIN_L pin=702, mean=126 (max=127, min=124)
DATA_GAIN_L pin=703, mean=125 (max=126, min=123)
DATA_GAIN_L pin=704, mean=125 (max=127, min=124)
PPCP_GAIN_L card= 44, code=126 (max=128, min=124)
DATA_GAIN_H pin=705, mean=123 (max=124, min=122)
DATA_GAIN_H pin=706, mean=124 (max=124, min=122)
DATA_GAIN_H pin=707, mean=122 (max=123, min=121)
DATA_GAIN_H pin=708, mean=124 (max=126, min=123)
DATA_GAIN_H pin=709, mean=122 (max=123, min=120)
DATA_GAIN_H pin=710, mean=124 (max=125, min=122)
DATA_GAIN_H pin=711, mean=125 (max=126, min=123)
DATA_GAIN_H pin=712, mean=122 (max=123, min=120)
DATA_GAIN_H pin=713, mean=122 (max=123, min=121)
DATA_GAIN_H pin=714, mean=123 (max=123, min=121)
DATA_GAIN_H pin=715, mean=123 (max=124, min=122)
DATA_GAIN_H pin=716, mean=120 (max=121, min=119)
DATA_GAIN_H pin=717, mean=124 (max=126, min=123)
DATA_GAIN_H pin=718, mean=122 (max=124, min=121)
DATA_GAIN_H pin=719, mean=124 (max=125, min=123)
DATA_GAIN_H pin=720, mean=124 (max=125, min=122)
PPCP_GAIN_H card= 45, code=123 (max=125, min=120)
DATA_GAIN_L pin=705, mean=122 (max=124, min=121)
DATA_GAIN_L pin=706, mean=123 (max=125, min=122)
DATA_GAIN_L pin=707, mean=122 (max=123, min=120)
DATA_GAIN_L pin=708, mean=123 (max=125, min=122)
DATA_GAIN_L pin=709, mean=122 (max=124, min=121)
DATA_GAIN_L pin=710, mean=124 (max=126, min=122)
DATA_GAIN_L pin=711, mean=125 (max=126, min=123)
DATA_GAIN_L pin=712, mean=122 (max=123, min=120)
DATA_GAIN_L pin=713, mean=121 (max=122, min=120)
DATA_GAIN_L pin=714, mean=122 (max=123, min=121)
DATA_GAIN_L pin=715, mean=122 (max=123, min=120)
DATA_GAIN_L pin=716, mean=120 (max=121, min=118)
DATA_GAIN_L pin=717, mean=123 (max=125, min=122)
DATA_GAIN_L pin=718, mean=121 (max=122, min=120)

DATA_GAIN_L pin=719, mean=124 (max=125, min=123)
DATA_GAIN_L pin=720, mean=122 (max=124, min=121)
PPCP_GAIN_L card= 45, code=123 (max=125, min=120)
DATA_GAIN_H pin=721, mean=128 (max=129, min=127)
DATA_GAIN_H pin=722, mean=130 (max=131, min=128)
DATA_GAIN_H pin=723, mean=130 (max=131, min=130)
DATA_GAIN_H pin=724, mean=128 (max=129, min=127)
DATA_GAIN_H pin=725, mean=128 (max=129, min=126)
DATA_GAIN_H pin=726, mean=128 (max=129, min=127)
DATA_GAIN_H pin=727, mean=127 (max=128, min=125)
DATA_GAIN_H pin=728, mean=129 (max=130, min=127)
DATA_GAIN_H pin=729, mean=127 (max=128, min=125)
DATA_GAIN_H pin=730, mean=130 (max=131, min=129)
DATA_GAIN_H pin=731, mean=130 (max=131, min=129)
DATA_GAIN_H pin=732, mean=127 (max=128, min=126)
DATA_GAIN_H pin=733, mean=127 (max=128, min=125)
DATA_GAIN_H pin=734, mean=128 (max=129, min=127)
DATA_GAIN_H pin=735, mean=128 (max=128, min=126)
DATA_GAIN_H pin=736, mean=126 (max=128, min=125)
PPCP_GAIN_H card= 46, code=128 (max=130, min=126)
DATA_GAIN_L pin=721, mean=126 (max=127, min=125)
DATA_GAIN_L pin=722, mean=128 (max=130, min=127)
DATA_GAIN_L pin=723, mean=129 (max=130, min=128)
DATA_GAIN_L pin=724, mean=126 (max=127, min=124)
DATA_GAIN_L pin=725, mean=127 (max=128, min=125)
DATA_GAIN_L pin=726, mean=127 (max=128, min=126)
DATA_GAIN_L pin=727, mean=125 (max=126, min=123)
DATA_GAIN_L pin=728, mean=128 (max=129, min=126)
DATA_GAIN_L pin=729, mean=125 (max=126, min=123)
DATA_GAIN_L pin=730, mean=129 (max=130, min=127)
DATA_GAIN_L pin=731, mean=129 (max=130, min=128)
DATA_GAIN_L pin=732, mean=123 (max=124, min=122)
DATA_GAIN_L pin=733, mean=125 (max=126, min=123)
DATA_GAIN_L pin=734, mean=127 (max=128, min=125)
DATA_GAIN_L pin=735, mean=126 (max=127, min=125)
DATA_GAIN_L pin=736, mean=124 (max=126, min=123)

PPCP_GAIN_L card= 46, code=126 (max=129, min=123)
DATA_GAIN_H pin=737, mean=149 (max=150, min=148)
DATA_GAIN_H pin=738, mean=146 (max=147, min=145)
DATA_GAIN_H pin=739, mean=150 (max=152, min=149)
DATA_GAIN_H pin=740, mean=148 (max=149, min=147)
DATA_GAIN_H pin=741, mean=148 (max=149, min=146)
DATA_GAIN_H pin=742, mean=151 (max=152, min=149)
DATA_GAIN_H pin=743, mean=149 (max=150, min=147)
DATA_GAIN_H pin=744, mean=151 (max=152, min=150)
DATA_GAIN_H pin=745, mean=147 (max=148, min=145)
DATA_GAIN_H pin=746, mean=145 (max=146, min=144)
DATA_GAIN_H pin=747, mean=149 (max=150, min=148)
DATA_GAIN_H pin=748, mean=150 (max=150, min=149)
DATA_GAIN_H pin=749, mean=145 (max=146, min=144)
DATA_GAIN_H pin=750, mean=150 (max=151, min=149)
DATA_GAIN_H pin=751, mean=147 (max=148, min=145)
DATA_GAIN_H pin=752, mean=150 (max=151, min=149)
PPCP_GAIN_H card= 47, code=148 (max=151, min=145)
DATA_GAIN_L pin=737, mean=150 (max=151, min=149)
DATA_GAIN_L pin=738, mean=148 (max=149, min=147)
DATA_GAIN_L pin=739, mean=152 (max=153, min=151)
DATA_GAIN_L pin=740, mean=149 (max=150, min=148)
DATA_GAIN_L pin=741, mean=150 (max=151, min=149)
DATA_GAIN_L pin=742, mean=153 (max=154, min=152)
DATA_GAIN_L pin=743, mean=151 (max=152, min=150)
DATA_GAIN_L pin=744, mean=152 (max=153, min=151)
DATA_GAIN_L pin=745, mean=149 (max=150, min=148)
DATA_GAIN_L pin=746, mean=147 (max=148, min=146)
DATA_GAIN_L pin=747, mean=149 (max=151, min=148)
DATA_GAIN_L pin=748, mean=151 (max=152, min=149)
DATA_GAIN_L pin=749, mean=146 (max=148, min=145)
DATA_GAIN_L pin=750, mean=151 (max=152, min=149)
DATA_GAIN_L pin=751, mean=148 (max=149, min=147)
DATA_GAIN_L pin=752, mean=151 (max=152, min=151)
PPCP_GAIN_L card= 47, code=150 (max=153, min=146)

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

STDCMP_VCMP1 code=48403 (cur= 1.333mA)
STDCMP_VCMP3 code=47368 (cur= 2.333mA)
STDCMP_VCMP4 code=47022 (cur= 2.667mA)
STDCMP_VCMP5 code=46336 (cur= 3.333mA)
STDCMP_VCMP6 code=45635 (cur= 4.000mA)
STDCMP_VCMP7 code=45295 (cur= 4.333mA)
STDCMP_VCMP8 code=44950 (cur= 4.667mA)
STDCMP_VCMP9 code=44599 (cur= 5.000mA)
STDCMP_VCMP10 code=44252 (cur= 5.333mA)
STDCMP_VCMP11 code=43557 (cur= 6.000mA)
STDCMP_VCMP12 code=42870 (cur= 6.667mA)
STDCMP_VCMP13 code=42529 (cur= 7.000mA)
STDCMP_VCMP14 code=41481 (cur= 8.000mA)
STDCMP_VCMP15 code=40794 (cur= 8.667mA)
STDCMP_VCMP16 code=40102 (cur= 9.333mA)
STDCMP_VCMP17 code=39407 (cur=10.000mA)
STDCMP_VCMP18 code=38718 (cur=10.667mA)
STDCMP_VCMP19 code=37682 (cur=11.667mA)
STDCMP_VCMP20 code=37334 (cur=12.000mA)
STDCMP_VCMP21 code=36305 (cur=13.000mA)
STDCMP_VCMP22 code=35960 (cur=13.333mA)
STDCMP_VCMP23 code=35265 (cur=14.000mA)
STDCMP_VCMP24 code=34226 (cur=15.000mA)
STDCMP_VCMP25 code=33183 (cur=16.000mA)
STDCMP_VCMP26 code=32839 (cur=16.333mA)
STDCMP_VCMP27 code=32496 (cur=16.667mA)
STDCMP_VCMP28 code=31802 (cur=17.333mA)
STDCMP_VCMP29 code=31103 (cur=18.000mA)
STDCMP_VCMP31 code=29034 (cur=20.000mA)
STDCMP_VCMP32 code=27654 (cur=21.333mA)
STDCMP_VCMP33 code=27313 (cur=21.667mA)
STDCMP_VCMP34 code=25567 (cur=23.333mA)
STDCMP_VCMP35 code=24877 (cur=24.000mA)
STDCMP_VCMP36 code=22114 (cur=26.667mA)
STDCMP_VCMP37 code=20727 (cur=28.000mA)
STDCMP_VCMP38 code=18656 (cur=30.000mA)

STDCMP_VCMP40 code=18308 (cur=30.333mA)

STDCMP_VCMP41 code= 8626 (cur=39.667mA)

STDCMP_VCMP42 code= 6210 (cur=42.000mA)

<<<Comparator skew calibration>>>

SKA_ECMP_E6 pin= 1, code=373 (Htr=376, Htf=373, Ltr=375, Ltf=373)

SKW_ECMP_H pin= 1, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 1, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin= 1, code=356 (356 357 358 356)

SKW_WCMP_E5_H pin= 1, HtoZ= 8, ZtoH= 9

SKW_WCMP_E5_L pin= 1, ZtoL=12, LtoZ= 8

SKA_WCMP_E6 pin= 1, code=367 (374 367 369 370)

SKW_WCMP_E6_H pin= 1, ZtoH=21, HtoZ= 8

SKW_WCMP_E6_L pin= 1, LtoZ=13, ZtoL=14

SKA_ECMP_E6 pin= 2, code=370 (Htr=374, Htf=370, Ltr=373, Ltf=371)

SKW_ECMP_H pin= 2, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 2, Tr=13, Tf=11, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin= 2, code=354 (356 355 357 354)

SKW_WCMP_E5_H pin= 2, HtoZ=12, ZtoH=11

SKW_WCMP_E5_L pin= 2, ZtoL=14, LtoZ= 8

SKA_WCMP_E6 pin= 2, code=363 (371 363 368 367)

SKW_WCMP_E6_H pin= 2, ZtoH=23, HtoZ= 9

SKW_WCMP_E6_L pin= 2, LtoZ=18, ZtoL=16

SKA_ECMP_E6 pin= 3, code=365 (Htr=368, Htf=366, Ltr=368, Ltf=365)

SKW_ECMP_H pin= 3, Tr=14, Tf=10, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 3, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin= 3, code=347 (350 349 351 347)

SKW_WCMP_E5_H pin= 3, HtoZ=13, ZtoH=12

SKW_WCMP_E5_L pin= 3, ZtoL=16, LtoZ= 9

SKA_WCMP_E6 pin= 3, code=359 (366 359 362 362)

SKW_WCMP_E6_H pin= 3, ZtoH=20, HtoZ= 9

SKW_WCMP_E6_L pin= 3, LtoZ=13, ZtoL=14

SKA_ECMP_E6 pin= 4, code=370 (Htr=371, Htf=371, Ltr=374, Ltf=370)

SKW_ECMP_H pin= 4, Tr=11, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 4, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin= 4, code=353 (355 354 357 353)

SKW_WCMP_E5_H pin= 4, HtoZ=11, ZtoH=10

SKW_WCMP_E5_L pin= 4, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 4, code=365 (369 365 367 368)
SKW_WCMP_E6_H pin= 4, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 4, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin= 5, code=376 (Htr=378, Htf=378, Ltr=381, Ltf=376)
SKW_ECMP_H pin= 5, Tr=11, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 5, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 5, code=359 (362 361 363 359)
SKW_WCMP_E5_H pin= 5, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 5, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 5, code=371 (375 371 372 375)
SKW_WCMP_E6_H pin= 5, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin= 5, LtoZ=11, ZtoL=16
SKA_ECMP_E6 pin= 6, code=372 (Htr=375, Htf=375, Ltr=377, Ltf=372)
SKW_ECMP_H pin= 6, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 6, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 6, code=356 (359 357 361 356)
SKW_WCMP_E5_H pin= 6, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 6, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 6, code=368 (372 368 369 371)
SKW_WCMP_E6_H pin= 6, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin= 6, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 7, code=368 (Htr=370, Htf=370, Ltr=373, Ltf=368)
SKW_ECMP_H pin= 7, Tr=11, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 7, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 7, code=351 (354 351 355 351)
SKW_WCMP_E5_H pin= 7, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin= 7, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 7, code=363 (367 363 365 368)
SKW_WCMP_E6_H pin= 7, ZtoH=15, HtoZ= 9
SKW_WCMP_E6_L pin= 7, LtoZ=11, ZtoL=17
SKA_ECMP_E6 pin= 8, code=366 (Htr=369, Htf=369, Ltr=372, Ltf=366)
SKW_ECMP_H pin= 8, Tr=14, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 8, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 8, code=349 (352 351 354 349)
SKW_WCMP_E5_H pin= 8, HtoZ=13, ZtoH=11

SKW_WCMP_E5_L pin= 8, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 8, code=362 (366 362 363 365)
SKW_WCMP_E6_H pin= 8, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 8, LtoZ=10, ZtoL=15
SKA_ECMP_E6 pin= 9, code=367 (Htr=370, Htf=367, Ltr=370, Ltf=367)
SKW_ECMP_H pin= 9, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 9, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 9, code=349 (351 349 351 349)
SKW_WCMP_E5_H pin= 9, HtoZ=13, ZtoH= 8
SKW_WCMP_E5_L pin= 9, ZtoL=12, LtoZ= 8
SKA_WCMP_E6 pin= 9, code=361 (368 361 363 364)
SKW_WCMP_E6_H pin= 9, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 9, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 10, code=365 (Htr=369, Htf=366, Ltr=369, Ltf=365)
SKW_ECMP_H pin= 10, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 10, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 10, code=348 (351 349 353 348)
SKW_WCMP_E5_H pin= 10, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 10, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 10, code=360 (366 360 362 363)
SKW_WCMP_E6_H pin= 10, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 10, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin= 11, code=361 (Htr=364, Htf=364, Ltr=366, Ltf=361)
SKW_ECMP_H pin= 11, Tr=15, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 11, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 11, code=343 (345 344 347 343)
SKW_WCMP_E5_H pin= 11, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 11, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 11, code=357 (362 357 357 359)
SKW_WCMP_E6_H pin= 11, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 11, LtoZ= 9, ZtoL=13
SKA_ECMP_E6 pin= 12, code=365 (Htr=369, Htf=367, Ltr=369, Ltf=365)
SKW_ECMP_H pin= 12, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 12, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 12, code=347 (350 347 352 347)
SKW_WCMP_E5_H pin= 12, HtoZ=14, ZtoH= 9

SKW_WCMP_E5_L pin= 12, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin= 12, code=360 (366 360 361 363)
SKW_WCMP_E6_H pin= 12, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 12, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 13, code=369 (Htr=372, Htf=371, Ltr=372, Ltf=369)
SKW_ECMP_H pin= 13, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 13, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 13, code=351 (354 353 354 351)
SKW_WCMP_E5_H pin= 13, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin= 13, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 13, code=364 (370 364 366 366)
SKW_WCMP_E6_H pin= 13, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 13, LtoZ=12, ZtoL=11
SKA_ECMP_E6 pin= 14, code=367 (Htr=370, Htf=368, Ltr=371, Ltf=367)
SKW_ECMP_H pin= 14, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 14, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 14, code=351 (353 351 354 351)
SKW_WCMP_E5_H pin= 14, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 14, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 14, code=361 (367 361 364 365)
SKW_WCMP_E6_H pin= 14, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 14, LtoZ=13, ZtoL=15
SKA_ECMP_E6 pin= 15, code=371 (Htr=374, Htf=372, Ltr=375, Ltf=371)
SKW_ECMP_H pin= 15, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 15, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 15, code=352 (355 355 355 352)
SKW_WCMP_E5_H pin= 15, HtoZ=15, ZtoH=13
SKW_WCMP_E5_L pin= 15, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 15, code=365 (372 365 368 368)
SKW_WCMP_E6_H pin= 15, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 15, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 16, code=367 (Htr=371, Htf=367, Ltr=369, Ltf=368)
SKW_ECMP_H pin= 16, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 16, Tr=11, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 16, code=350 (353 351 353 350)
SKW_WCMP_E5_H pin= 16, HtoZ=15, ZtoH=11

SKW_WCMP_E5_L pin= 16, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 16, code=360 (368 360 365 363)
SKW_WCMP_E6_H pin= 16, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin= 16, LtoZ=17, ZtoL=14
SKA_ECMP_E6 pin= 17, code=364 (Htr=367, Htf=365, Ltr=368, Ltf=364)
SKW_ECMP_H pin= 17, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 17, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 17, code=347 (349 348 350 347)
SKW_WCMP_E5_H pin= 17, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 17, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 17, code=358 (364 358 361 362)
SKW_WCMP_E6_H pin= 17, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 17, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin= 18, code=367 (Htr=370, Htf=368, Ltr=370, Ltf=367)
SKW_ECMP_H pin= 18, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 18, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 18, code=350 (352 350 353 350)
SKW_WCMP_E5_H pin= 18, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin= 18, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 18, code=361 (367 361 363 364)
SKW_WCMP_E6_H pin= 18, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 18, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin= 19, code=365 (Htr=366, Htf=365, Ltr=368, Ltf=365)
SKW_ECMP_H pin= 19, Tr=10, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 19, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 19, code=347 (349 348 350 347)
SKW_WCMP_E5_H pin= 19, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 19, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 19, code=359 (364 359 362 362)
SKW_WCMP_E6_H pin= 19, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 19, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 20, code=365 (Htr=369, Htf=366, Ltr=368, Ltf=365)
SKW_ECMP_H pin= 20, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 20, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 20, code=348 (350 349 351 348)
SKW_WCMP_E5_H pin= 20, HtoZ=12, ZtoH=11

SKW_WCMP_E5_L pin= 20, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 20, code=359 (366 359 361 362)
SKW_WCMP_E6_H pin= 20, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 20, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin= 21, code=360 (Htr=363, Htf=363, Ltr=365, Ltf=360)
SKW_ECMP_H pin= 21, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 21, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 21, code=342 (346 344 348 342)
SKW_WCMP_E5_H pin= 21, HtoZ=16, ZtoH=12
SKW_WCMP_E5_L pin= 21, ZtoL=19, LtoZ= 8
SKA_WCMP_E6 pin= 21, code=355 (360 355 357 358)
SKW_WCMP_E6_H pin= 21, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 21, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin= 22, code=359 (Htr=363, Htf=362, Ltr=365, Ltf=359)
SKW_ECMP_H pin= 22, Tr=14, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 22, Tr=18, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 22, code=344 (345 344 347 344)
SKW_WCMP_E5_H pin= 22, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin= 22, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 22, code=355 (360 355 355 359)
SKW_WCMP_E6_H pin= 22, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 22, LtoZ= 9, ZtoL=15
SKA_ECMP_E6 pin= 23, code=368 (Htr=371, Htf=370, Ltr=372, Ltf=368)
SKW_ECMP_H pin= 23, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 23, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 23, code=351 (352 352 354 351)
SKW_WCMP_E5_H pin= 23, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 23, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 23, code=363 (368 363 364 365)
SKW_WCMP_E6_H pin= 23, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 23, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 24, code=368 (Htr=371, Htf=368, Ltr=370, Ltf=368)
SKW_ECMP_H pin= 24, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 24, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 24, code=350 (352 351 354 350)
SKW_WCMP_E5_H pin= 24, HtoZ=12, ZtoH=11

SKW_WCMP_E5_L pin= 24, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 24, code=361 (369 361 365 364)
SKW_WCMP_E6_H pin= 24, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin= 24, LtoZ=15, ZtoL=14
SKA_ECMP_E5 pin= 25, code=361 (Htr=362, Htf=362, Ltr=364, Ltf=361)
SKW_ECMP_E5_H pin= 25, Tr=11, Tf=10
SKW_ECMP_E5_L pin= 25, Tr=14, Tf= 8
SKA_ECMP_E6 pin= 25, code=361 (Htr=363, Htf=362, Ltr=365, Ltf=361)
SKW_ECMP_H pin= 25, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 25, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 25, code=343 (346 344 348 343)
SKW_WCMP_E5_H pin= 25, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 25, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 25, code=355 (361 355 357 359)
SKW_WCMP_E6_H pin= 25, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 25, LtoZ=13, ZtoL=16
SKA_ECMP_E5 pin= 26, code=355 (Htr=359, Htf=357, Ltr=360, Ltf=355)
SKW_ECMP_E5_H pin= 26, Tr=16, Tf=11
SKW_ECMP_E5_L pin= 26, Tr=17, Tf= 9
SKA_ECMP_E6 pin= 26, code=357 (Htr=359, Htf=358, Ltr=360, Ltf=357)
SKW_ECMP_H pin= 26, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 26, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 26, code=338 (341 340 343 338)
SKW_WCMP_E5_H pin= 26, HtoZ=13, ZtoH=13
SKW_WCMP_E5_L pin= 26, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin= 26, code=351 (356 351 353 353)
SKW_WCMP_E6_H pin= 26, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 26, LtoZ=13, ZtoL=13
SKA_ECMP_E5 pin= 27, code=363 (Htr=365, Htf=364, Ltr=366, Ltf=363)
SKW_ECMP_E5_H pin= 27, Tr=12, Tf=11
SKW_ECMP_E5_L pin= 27, Tr=15, Tf= 9
SKA_ECMP_E6 pin= 27, code=364 (Htr=367, Htf=366, Ltr=369, Ltf=364)
SKW_ECMP_H pin= 27, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 27, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 27, code=347 (350 347 351 347)
SKW_WCMP_E5_H pin= 27, HtoZ=14, ZtoH= 9

SKW_WCMP_E5_L pin= 27, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 27, code=359 (364 359 361 363)
SKW_WCMP_E6_H pin= 27, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 27, LtoZ=11, ZtoL=17
SKA_ECMP_E5 pin= 28, code=353 (Htr=355, Htf=354, Ltr=357, Ltf=353)
SKW_ECMP_E5_H pin= 28, Tr=12, Tf=10
SKW_ECMP_E5_L pin= 28, Tr=15, Tf= 9
SKA_ECMP_E6 pin= 28, code=353 (Htr=356, Htf=355, Ltr=357, Ltf=353)
SKW_ECMP_H pin= 28, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 28, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 28, code=336 (338 337 340 336)
SKW_WCMP_E5_H pin= 28, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin= 28, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 28, code=348 (354 348 350 351)
SKW_WCMP_E6_H pin= 28, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 28, LtoZ=12, ZtoL=14
SKA_ECMP_E5 pin= 29, code=360 (Htr=363, Htf=362, Ltr=365, Ltf=360)
SKW_ECMP_E5_H pin= 29, Tr=14, Tf=12
SKW_ECMP_E5_L pin= 29, Tr=17, Tf= 9
SKA_ECMP_E6 pin= 29, code=360 (Htr=363, Htf=363, Ltr=366, Ltf=360)
SKW_ECMP_H pin= 29, Tr=15, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 29, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 29, code=343 (346 345 348 343)
SKW_WCMP_E5_H pin= 29, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 29, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 29, code=356 (361 356 357 359)
SKW_WCMP_E6_H pin= 29, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 29, LtoZ= 9, ZtoL=14
SKA_ECMP_E5 pin= 30, code=353 (Htr=356, Htf=355, Ltr=357, Ltf=353)
SKW_ECMP_E5_H pin= 30, Tr=13, Tf=12
SKW_ECMP_E5_L pin= 30, Tr=17, Tf= 9
SKA_ECMP_E6 pin= 30, code=356 (Htr=360, Htf=358, Ltr=360, Ltf=356)
SKW_ECMP_H pin= 30, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 30, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 30, code=336 (339 337 341 336)
SKW_WCMP_E5_H pin= 30, HtoZ=13, ZtoH=10

SKW_WCMP_E5_L pin= 30, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 30, code=351 (357 351 352 353)
SKW_WCMP_E6_H pin= 30, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 30, LtoZ=11, ZtoL=13
SKA_ECMP_E5 pin= 31, code=360 (Htr=361, Htf=361, Ltr=364, Ltf=360)
SKW_ECMP_E5_H pin= 31, Tr=10, Tf=11
SKW_ECMP_E5_L pin= 31, Tr=16, Tf= 8
SKA_ECMP_E6 pin= 31, code=361 (Htr=364, Htf=363, Ltr=365, Ltf=361)
SKW_ECMP_H pin= 31, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 31, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 31, code=342 (345 343 348 342)
SKW_WCMP_E5_H pin= 31, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin= 31, ZtoL=19, LtoZ= 9
SKA_WCMP_E6 pin= 31, code=356 (362 356 358 358)
SKW_WCMP_E6_H pin= 31, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 31, LtoZ=12, ZtoL=12
SKA_ECMP_E5 pin= 32, code=359 (Htr=363, Htf=361, Ltr=363, Ltf=359)
SKW_ECMP_E5_H pin= 32, Tr=15, Tf=11
SKW_ECMP_E5_L pin= 32, Tr=16, Tf= 9
SKA_ECMP_E6 pin= 32, code=360 (Htr=363, Htf=362, Ltr=364, Ltf=360)
SKW_ECMP_H pin= 32, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 32, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 32, code=342 (345 344 347 342)
SKW_WCMP_E5_H pin= 32, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin= 32, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 32, code=355 (360 355 356 358)
SKW_WCMP_E6_H pin= 32, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 32, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 33, code=368 (Htr=370, Htf=369, Ltr=371, Ltf=368)
SKW_ECMP_H pin= 33, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 33, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 33, code=351 (354 352 355 351)
SKW_WCMP_E5_H pin= 33, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 33, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 33, code=362 (368 362 365 365)
SKW_WCMP_E6_H pin= 33, ZtoH=18, HtoZ= 9

SKW_WCMP_E6_L pin= 33, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 34, code=366 (Htr=369, Htf=369, Ltr=371, Ltf=366)
SKW_ECMP_H pin= 34, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 34, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 34, code=351 (354 352 355 351)
SKW_WCMP_E5_H pin= 34, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 34, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 34, code=362 (366 362 363 364)
SKW_WCMP_E6_H pin= 34, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 34, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin= 35, code=368 (Htr=371, Htf=370, Ltr=372, Ltf=368)
SKW_ECMP_H pin= 35, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 35, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 35, code=351 (354 352 355 351)
SKW_WCMP_E5_H pin= 35, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 35, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 35, code=363 (368 363 364 367)
SKW_WCMP_E6_H pin= 35, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 35, LtoZ=11, ZtoL=16
SKA_ECMP_E6 pin= 36, code=366 (Htr=369, Htf=367, Ltr=371, Ltf=366)
SKW_ECMP_H pin= 36, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 36, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 36, code=350 (353 351 355 350)
SKW_WCMP_E5_H pin= 36, HtoZ=14, ZtoH= 9
SKW_WCMP_E5_L pin= 36, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 36, code=361 (366 361 362 364)
SKW_WCMP_E6_H pin= 36, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 36, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin= 37, code=369 (Htr=371, Htf=370, Ltr=372, Ltf=369)
SKW_ECMP_H pin= 37, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 37, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 37, code=350 (352 352 354 350)
SKW_WCMP_E5_H pin= 37, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin= 37, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 37, code=363 (369 363 365 366)
SKW_WCMP_E6_H pin= 37, ZtoH=19, HtoZ= 9

SKW_WCMP_E6_L pin= 37, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 38, code=365 (Htr=368, Htf=367, Ltr=370, Ltf=365)
SKW_ECMP_H pin= 38, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 38, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 38, code=349 (351 351 353 349)
SKW_WCMP_E5_H pin= 38, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 38, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 38, code=360 (365 360 363 363)
SKW_WCMP_E6_H pin= 38, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 38, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin= 39, code=369 (Htr=371, Htf=369, Ltr=373, Ltf=369)
SKW_ECMP_H pin= 39, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 39, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 39, code=350 (353 352 355 350)
SKW_WCMP_E5_H pin= 39, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin= 39, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 39, code=362 (369 362 366 367)
SKW_WCMP_E6_H pin= 39, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 39, LtoZ=15, ZtoL=17
SKA_ECMP_E6 pin= 40, code=367 (Htr=370, Htf=369, Ltr=370, Ltf=367)
SKW_ECMP_H pin= 40, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 40, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 40, code=351 (353 351 355 351)
SKW_WCMP_E5_H pin= 40, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 40, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 40, code=362 (367 362 363 365)
SKW_WCMP_E6_H pin= 40, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 40, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 41, code=378 (Htr=381, Htf=378, Ltr=380, Ltf=378)
SKW_ECMP_H pin= 41, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 41, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 41, code=361 (362 361 364 361)
SKW_WCMP_E5_H pin= 41, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin= 41, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 41, code=372 (379 372 375 375)
SKW_WCMP_E6_H pin= 41, ZtoH=21, HtoZ= 8

SKW_WCMP_E6_L pin= 41, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 42, code=369 (Htr=371, Htf=369, Ltr=372, Ltf=369)
SKW_ECMP_H pin= 42, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 42, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 42, code=354 (355 354 357 354)
SKW_WCMP_E5_H pin= 42, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin= 42, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 42, code=362 (369 362 366 366)
SKW_WCMP_E6_H pin= 42, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 42, LtoZ=15, ZtoL=15
SKA_ECMP_E6 pin= 43, code=377 (Htr=381, Htf=378, Ltr=381, Ltf=377)
SKW_ECMP_H pin= 43, Tr=16, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 43, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 43, code=361 (363 362 364 361)
SKW_WCMP_E5_H pin= 43, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin= 43, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 43, code=372 (379 372 374 375)
SKW_WCMP_E6_H pin= 43, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 43, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 44, code=375 (Htr=378, Htf=376, Ltr=378, Ltf=375)
SKW_ECMP_H pin= 44, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 44, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 44, code=357 (360 358 361 357)
SKW_WCMP_E5_H pin= 44, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 44, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 44, code=369 (375 369 372 371)
SKW_WCMP_E6_H pin= 44, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 44, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 45, code=374 (Htr=378, Htf=375, Ltr=378, Ltf=374)
SKW_ECMP_H pin= 45, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 45, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 45, code=357 (359 358 361 357)
SKW_WCMP_E5_H pin= 45, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 45, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 45, code=369 (375 369 372 372)
SKW_WCMP_E6_H pin= 45, ZtoH=20, HtoZ= 8

SKW_WCMP_E6_L pin= 45, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 46, code=374 (Htr=376, Htf=375, Ltr=378, Ltf=374)
SKW_ECMP_H pin= 46, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 46, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 46, code=357 (361 359 362 357)
SKW_WCMP_E5_H pin= 46, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin= 46, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 46, code=369 (374 369 371 371)
SKW_WCMP_E6_H pin= 46, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 46, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin= 47, code=377 (Htr=380, Htf=378, Ltr=380, Ltf=377)
SKW_ECMP_H pin= 47, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 47, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 47, code=358 (361 359 363 358)
SKW_WCMP_E5_H pin= 47, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 47, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 47, code=372 (378 372 374 374)
SKW_WCMP_E6_H pin= 47, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 47, LtoZ=12, ZtoL=11
SKA_ECMP_E6 pin= 48, code=368 (Htr=371, Htf=369, Ltr=372, Ltf=368)
SKW_ECMP_H pin= 48, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 48, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 48, code=353 (355 354 356 353)
SKW_WCMP_E5_H pin= 48, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 48, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 48, code=363 (369 363 365 366)
SKW_WCMP_E6_H pin= 48, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 48, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 49, code=365 (Htr=367, Htf=366, Ltr=369, Ltf=365)
SKW_ECMP_H pin= 49, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 49, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 49, code=347 (349 348 351 347)
SKW_WCMP_E5_H pin= 49, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 49, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 49, code=359 (365 359 361 363)
SKW_WCMP_E6_H pin= 49, ZtoH=19, HtoZ= 9

SKW_WCMP_E6_L pin= 49, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 50, code=365 (Htr=367, Htf=367, Ltr=368, Ltf=365)
SKW_ECMP_H pin= 50, Tr=11, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 50, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 50, code=348 (350 348 352 348)
SKW_WCMP_E5_H pin= 50, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin= 50, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 50, code=360 (364 360 361 362)
SKW_WCMP_E6_H pin= 50, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 50, LtoZ=10, ZtoL=13
SKA_ECMP_E6 pin= 51, code=379 (Htr=381, Htf=379, Ltr=382, Ltf=379)
SKW_ECMP_H pin= 51, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 51, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 51, code=362 (365 363 366 362)
SKW_WCMP_E5_H pin= 51, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin= 51, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 51, code=373 (379 373 377 377)
SKW_WCMP_E6_H pin= 51, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 51, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin= 52, code=366 (Htr=371, Htf=370, Ltr=372, Ltf=366)
SKW_ECMP_H pin= 52, Tr=18, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 52, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 52, code=353 (354 354 356 353)
SKW_WCMP_E5_H pin= 52, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 52, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 52, code=363 (369 363 364 366)
SKW_WCMP_E6_H pin= 52, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 52, LtoZ=10, ZtoL=14
SKA_ECMP_E6 pin= 53, code=364 (Htr=366, Htf=365, Ltr=367, Ltf=364)
SKW_ECMP_H pin= 53, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 53, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 53, code=346 (349 347 350 346)
SKW_WCMP_E5_H pin= 53, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin= 53, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 53, code=358 (363 358 361 362)
SKW_WCMP_E6_H pin= 53, ZtoH=18, HtoZ= 9

SKW_WCMP_E6_L pin= 53, LtoZ=13, ZtoL=15
SKA_ECMP_E6 pin= 54, code=364 (Htr=366, Htf=366, Ltr=369, Ltf=364)
SKW_ECMP_H pin= 54, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 54, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 54, code=347 (350 348 352 347)
SKW_WCMP_E5_H pin= 54, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 54, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin= 54, code=359 (363 359 361 362)
SKW_WCMP_E6_H pin= 54, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 54, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 55, code=371 (Htr=374, Htf=372, Ltr=373, Ltf=371)
SKW_ECMP_H pin= 55, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 55, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 55, code=354 (356 355 356 354)
SKW_WCMP_E5_H pin= 55, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 55, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin= 55, code=366 (371 366 368 368)
SKW_WCMP_E6_H pin= 55, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 55, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin= 56, code=370 (Htr=373, Htf=371, Ltr=374, Ltf=370)
SKW_ECMP_H pin= 56, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 56, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 56, code=353 (355 355 357 353)
SKW_WCMP_E5_H pin= 56, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin= 56, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 56, code=365 (371 365 367 368)
SKW_WCMP_E6_H pin= 56, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 56, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin=129, code=375 (Htr=376, Htf=377, Ltr=378, Ltf=375)
SKW_ECMP_H pin=129, Tr=10, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=129, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=129, code=357 (359 358 360 357)
SKW_WCMP_E5_H pin=129, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=129, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=129, code=370 (373 370 371 372)
SKW_WCMP_E6_H pin=129, ZtoH=14, HtoZ= 9

SKW_WCMP_E6_L pin=129, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin=130, code=371 (Htr=375, Htf=374, Ltr=377, Ltf=371)
SKW_ECMP_H pin=130, Tr=15, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=130, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=130, code=355 (359 357 361 355)
SKW_WCMP_E5_H pin=130, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin=130, ZtoL=20, LtoZ= 8
SKA_WCMP_E6 pin=130, code=367 (372 367 368 371)
SKW_WCMP_E6_H pin=130, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=130, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin=131, code=367 (Htr=369, Htf=368, Ltr=370, Ltf=367)
SKW_ECMP_H pin=131, Tr=11, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=131, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=131, code=349 (351 350 352 349)
SKW_WCMP_E5_H pin=131, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=131, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=131, code=362 (367 362 364 364)
SKW_WCMP_E6_H pin=131, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=131, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=132, code=368 (Htr=370, Htf=368, Ltr=371, Ltf=368)
SKW_ECMP_H pin=132, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=132, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=132, code=351 (354 354 355 351)
SKW_WCMP_E5_H pin=132, HtoZ=13, ZtoH=14
SKW_WCMP_E5_L pin=132, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=132, code=362 (368 362 365 365)
SKW_WCMP_E6_H pin=132, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=132, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin=133, code=374 (Htr=377, Htf=376, Ltr=378, Ltf=374)
SKW_ECMP_H pin=133, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=133, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=133, code=355 (359 357 360 355)
SKW_WCMP_E5_H pin=133, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin=133, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin=133, code=369 (374 369 370 373)
SKW_WCMP_E6_H pin=133, ZtoH=17, HtoZ= 9

SKW_WCMP_E6_L pin=133, LtoZ=10, ZtoL=14
SKA_ECMP_E6 pin=134, code=369 (Htr=369, Htf=370, Ltr=372, Ltf=369)
SKW_ECMP_H pin=134, Tr= 9, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=134, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=134, code=352 (354 353 356 352)
SKW_WCMP_E5_H pin=134, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=134, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=134, code=363 (366 363 365 367)
SKW_WCMP_E6_H pin=134, ZtoH=15, HtoZ= 9
SKW_WCMP_E6_L pin=134, LtoZ=13, ZtoL=16
SKA_ECMP_E6 pin=135, code=378 (Htr=382, Htf=379, Ltr=382, Ltf=378)
SKW_ECMP_H pin=135, Tr=16, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=135, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=135, code=361 (364 362 364 361)
SKW_WCMP_E5_H pin=135, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=135, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=135, code=372 (381 372 375 376)
SKW_WCMP_E6_H pin=135, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin=135, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin=136, code=370 (Htr=372, Htf=370, Ltr=371, Ltf=370)
SKW_ECMP_H pin=136, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=136, Tr=10, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=136, code=354 (355 356 357 354)
SKW_WCMP_E5_H pin=136, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=136, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=136, code=364 (370 364 368 365)
SKW_WCMP_E6_H pin=136, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=136, LtoZ=14, ZtoL=11
SKA_ECMP_E6 pin=137, code=376 (Htr=378, Htf=377, Ltr=378, Ltf=376)
SKW_ECMP_H pin=137, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=137, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=137, code=358 (360 359 362 358)
SKW_WCMP_E5_H pin=137, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=137, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=137, code=371 (376 371 373 372)
SKW_WCMP_E6_H pin=137, ZtoH=18, HtoZ= 8

SKW_WCMP_E6_L pin=137, LtoZ=11, ZtoL=10
SKA_ECMP_E6 pin=138, code=371 (Htr=375, Htf=372, Ltr=375, Ltf=371)
SKW_ECMP_H pin=138, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=138, Tr=16, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=138, code=355 (357 356 359 355)
SKW_WCMP_E5_H pin=138, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=138, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=138, code=366 (372 366 369 369)
SKW_WCMP_E6_H pin=138, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=138, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=139, code=374 (Htr=376, Htf=376, Ltr=379, Ltf=374)
SKW_ECMP_H pin=139, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=139, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=139, code=356 (358 357 361 356)
SKW_WCMP_E5_H pin=139, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=139, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=139, code=370 (374 370 371 373)
SKW_WCMP_E6_H pin=139, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=139, LtoZ=10, ZtoL=14
SKA_ECMP_E6 pin=140, code=370 (Htr=373, Htf=373, Ltr=375, Ltf=370)
SKW_ECMP_H pin=140, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=140, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=140, code=353 (355 354 358 353)
SKW_WCMP_E5_H pin=140, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=140, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=140, code=366 (370 366 367 369)
SKW_WCMP_E6_H pin=140, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin=140, LtoZ=10, ZtoL=13
SKA_ECMP_E6 pin=141, code=369 (Htr=373, Htf=370, Ltr=372, Ltf=369)
SKW_ECMP_H pin=141, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=141, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=141, code=352 (354 353 356 352)
SKW_WCMP_E5_H pin=141, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=141, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=141, code=364 (371 364 366 366)
SKW_WCMP_E6_H pin=141, ZtoH=20, HtoZ= 8

SKW_WCMP_E6_L pin=141, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=142, code=371 (Htr=374, Htf=372, Ltr=374, Ltf=371)
SKW_ECMP_H pin=142, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=142, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=142, code=354 (356 356 358 354)
SKW_WCMP_E5_H pin=142, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=142, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=142, code=366 (371 366 368 368)
SKW_WCMP_E6_H pin=142, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=142, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=143, code=370 (Htr=373, Htf=371, Ltr=374, Ltf=370)
SKW_ECMP_H pin=143, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=143, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=143, code=353 (355 356 357 353)
SKW_WCMP_E5_H pin=143, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin=143, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=143, code=365 (371 365 367 368)
SKW_WCMP_E6_H pin=143, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=143, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin=144, code=375 (Htr=377, Htf=375, Ltr=377, Ltf=375)
SKW_ECMP_H pin=144, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=144, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=144, code=357 (358 358 360 357)
SKW_WCMP_E5_H pin=144, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin=144, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin=144, code=368 (374 368 371 371)
SKW_WCMP_E6_H pin=144, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=144, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin=145, code=367 (Htr=369, Htf=368, Ltr=370, Ltf=367)
SKW_ECMP_H pin=145, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=145, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=145, code=350 (351 351 353 350)
SKW_WCMP_E5_H pin=145, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=145, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=145, code=361 (367 361 363 364)
SKW_WCMP_E6_H pin=145, ZtoH=19, HtoZ= 9

SKW_WCMP_E6_L pin=145, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin=146, code=369 (Htr=372, Htf=370, Ltr=373, Ltf=369)
SKW_ECMP_H pin=146, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=146, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=146, code=352 (355 354 357 352)
SKW_WCMP_E5_H pin=146, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin=146, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=146, code=363 (370 363 366 366)
SKW_WCMP_E6_H pin=146, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=146, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin=147, code=372 (Htr=374, Htf=373, Ltr=375, Ltf=372)
SKW_ECMP_H pin=147, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=147, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=147, code=355 (357 357 358 355)
SKW_WCMP_E5_H pin=147, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=147, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=147, code=366 (372 366 369 369)
SKW_WCMP_E6_H pin=147, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=147, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=148, code=371 (Htr=374, Htf=372, Ltr=374, Ltf=371)
SKW_ECMP_H pin=148, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=148, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=148, code=354 (357 356 359 354)
SKW_WCMP_E5_H pin=148, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin=148, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=148, code=365 (372 365 369 367)
SKW_WCMP_E6_H pin=148, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=148, LtoZ=15, ZtoL=12
SKA_ECMP_E6 pin=149, code=366 (Htr=369, Htf=369, Ltr=371, Ltf=366)
SKW_ECMP_H pin=149, Tr=14, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=149, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=149, code=347 (351 350 354 347)
SKW_WCMP_E5_H pin=149, HtoZ=16, ZtoH=14
SKW_WCMP_E5_L pin=149, ZtoL=21, LtoZ= 9
SKA_WCMP_E6 pin=149, code=362 (366 362 363 364)
SKW_WCMP_E6_H pin=149, ZtoH=16, HtoZ= 8

SKW_WCMP_E6_L pin=149, LtoZ= 9, ZtoL=12
SKA_ECMP_E6 pin=150, code=360 (Htr=363, Htf=362, Ltr=365, Ltf=360)
SKW_ECMP_H pin=150, Tr=15, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=150, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=150, code=343 (347 346 350 343)
SKW_WCMP_E5_H pin=150, HtoZ=16, ZtoH=13
SKW_WCMP_E5_L pin=150, ZtoL=21, LtoZ= 9
SKA_WCMP_E6 pin=150, code=355 (361 355 357 358)
SKW_WCMP_E6_H pin=150, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=150, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin=151, code=373 (Htr=377, Htf=373, Ltr=376, Ltf=374)
SKW_ECMP_H pin=151, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=151, Tr=14, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=151, code=354 (357 356 359 354)
SKW_WCMP_E5_H pin=151, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin=151, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin=151, code=366 (374 366 371 370)
SKW_WCMP_E6_H pin=151, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin=151, LtoZ=17, ZtoL=16
SKA_ECMP_E6 pin=152, code=371 (Htr=373, Htf=371, Ltr=374, Ltf=371)
SKW_ECMP_H pin=152, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=152, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=152, code=355 (357 357 358 355)
SKW_WCMP_E5_H pin=152, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=152, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=152, code=365 (371 365 368 368)
SKW_WCMP_E6_H pin=152, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=152, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=153, code=377 (Htr=379, Htf=377, Ltr=378, Ltf=377)
SKW_ECMP_H pin=153, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=153, Tr= 9, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=153, code=358 (361 359 362 358)
SKW_WCMP_E5_H pin=153, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin=153, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=153, code=370 (377 370 373 373)
SKW_WCMP_E6_H pin=153, ZtoH=20, HtoZ= 9

SKW_WCMP_E6_L pin=153, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin=154, code=372 (Htr=375, Htf=374, Ltr=375, Ltf=372)
SKW_ECMP_H pin=154, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=154, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=154, code=357 (359 360 360 357)
SKW_WCMP_E5_H pin=154, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin=154, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin=154, code=368 (373 368 369 369)
SKW_WCMP_E6_H pin=154, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=154, LtoZ=10, ZtoL=10
SKA_ECMP_E6 pin=155, code=373 (Htr=376, Htf=375, Ltr=377, Ltf=373)
SKW_ECMP_H pin=155, Tr=15, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=155, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=155, code=357 (360 358 360 357)
SKW_WCMP_E5_H pin=155, HtoZ=14, ZtoH= 9
SKW_WCMP_E5_L pin=155, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=155, code=369 (374 369 370 371)
SKW_WCMP_E6_H pin=155, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=155, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin=156, code=371 (Htr=374, Htf=373, Ltr=374, Ltf=371)
SKW_ECMP_H pin=156, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=156, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=156, code=355 (357 356 358 355)
SKW_WCMP_E5_H pin=156, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=156, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=156, code=366 (372 366 368 368)
SKW_WCMP_E6_H pin=156, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=156, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=157, code=370 (Htr=372, Htf=371, Ltr=372, Ltf=370)
SKW_ECMP_H pin=157, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=157, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=157, code=352 (353 354 356 352)
SKW_WCMP_E5_H pin=157, HtoZ=10, ZtoH=11
SKW_WCMP_E5_L pin=157, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=157, code=364 (370 364 367 366)
SKW_WCMP_E6_H pin=157, ZtoH=19, HtoZ= 8

SKW_WCMP_E6_L pin=157, LtoZ=14, ZtoL=12
SKA_ECMP_E6 pin=158, code=371 (Htr=373, Htf=372, Ltr=373, Ltf=371)
SKW_ECMP_H pin=158, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=158, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=158, code=354 (355 355 356 354)
SKW_WCMP_E5_H pin=158, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=158, ZtoL=12, LtoZ= 9
SKA_WCMP_E6 pin=158, code=365 (371 365 367 368)
SKW_WCMP_E6_H pin=158, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=158, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin=159, code=374 (Htr=377, Htf=375, Ltr=375, Ltf=374)
SKW_ECMP_H pin=159, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=159, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=159, code=355 (356 356 358 355)
SKW_WCMP_E5_H pin=159, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=159, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin=159, code=368 (374 368 371 370)
SKW_WCMP_E6_H pin=159, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=159, LtoZ=13, ZtoL=12
SKA_ECMP_E6 pin=160, code=372 (Htr=375, Htf=375, Ltr=376, Ltf=372)
SKW_ECMP_H pin=160, Tr=14, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=160, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=160, code=356 (359 357 360 356)
SKW_WCMP_E5_H pin=160, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin=160, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=160, code=369 (373 369 370 371)
SKW_WCMP_E6_H pin=160, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin=160, LtoZ= 9, ZtoL=11
SKA_ECMP_E6 pin=161, code=372 (Htr=375, Htf=372, Ltr=375, Ltf=372)
SKW_ECMP_H pin=161, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=161, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=161, code=355 (356 355 358 355)
SKW_WCMP_E5_H pin=161, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin=161, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=161, code=366 (373 366 369 369)
SKW_WCMP_E6_H pin=161, ZtoH=20, HtoZ= 8

SKW_WCMP_E6_L pin=161, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin=162, code=370 (Htr=372, Htf=372, Ltr=372, Ltf=370)
SKW_ECMP_H pin=162, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=162, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=162, code=353 (354 353 356 353)
SKW_WCMP_E5_H pin=162, HtoZ= 9, ZtoH= 9
SKW_WCMP_E5_L pin=162, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=162, code=365 (370 365 366 366)
SKW_WCMP_E6_H pin=162, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=162, LtoZ=11, ZtoL=10
SKA_ECMP_E6 pin=163, code=375 (Htr=379, Htf=375, Ltr=379, Ltf=375)
SKW_ECMP_H pin=163, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=163, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=163, code=358 (360 359 361 358)
SKW_WCMP_E5_H pin=163, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=163, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin=163, code=369 (377 369 372 373)
SKW_WCMP_E6_H pin=163, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=163, LtoZ=14, ZtoL=17
SKA_ECMP_E6 pin=164, code=372 (Htr=374, Htf=373, Ltr=374, Ltf=372)
SKW_ECMP_H pin=164, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=164, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=164, code=356 (357 356 359 356)
SKW_WCMP_E5_H pin=164, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin=164, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin=164, code=366 (372 366 369 369)
SKW_WCMP_E6_H pin=164, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=164, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=165, code=365 (Htr=369, Htf=369, Ltr=371, Ltf=365)
SKW_ECMP_H pin=165, Tr=16, Tf=15, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=165, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=165, code=349 (351 351 353 349)
SKW_WCMP_E5_H pin=165, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=165, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=165, code=362 (367 362 362 365)
SKW_WCMP_E6_H pin=165, ZtoH=17, HtoZ= 9

SKW_WCMP_E6_L pin=165, LtoZ= 9, ZtoL=13
SKA_ECMP_E6 pin=166, code=369 (Htr=371, Htf=370, Ltr=372, Ltf=369)
SKW_ECMP_H pin=166, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=166, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=166, code=351 (354 352 354 351)
SKW_WCMP_E5_H pin=166, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin=166, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=166, code=363 (369 363 365 367)
SKW_WCMP_E6_H pin=166, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=166, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin=167, code=373 (Htr=376, Htf=375, Ltr=377, Ltf=373)
SKW_ECMP_H pin=167, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=167, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=167, code=356 (359 358 361 356)
SKW_WCMP_E5_H pin=167, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin=167, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin=167, code=368 (374 368 370 371)
SKW_WCMP_E6_H pin=167, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=167, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=168, code=371 (Htr=374, Htf=373, Ltr=375, Ltf=371)
SKW_ECMP_H pin=168, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=168, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=168, code=353 (355 354 357 353)
SKW_WCMP_E5_H pin=168, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=168, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=168, code=366 (372 366 369 368)
SKW_WCMP_E6_H pin=168, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=168, LtoZ=13, ZtoL=12
SKA_ECMP_E6 pin=169, code=411 (Htr=414, Htf=414, Ltr=415, Ltf=411)
SKW_ECMP_H pin=169, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=169, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=169, code=392 (395 393 395 392)
SKW_WCMP_E5_H pin=169, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=169, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=169, code=407 (411 407 407 410)
SKW_WCMP_E6_H pin=169, ZtoH=14, HtoZ= 8

SKW_WCMP_E6_L pin=169, LtoZ= 8, ZtoL=12
SKA_ECMP_E6 pin=170, code=415 (Htr=417, Htf=415, Ltr=419, Ltf=415)
SKW_ECMP_H pin=170, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=170, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=170, code=398 (401 399 402 398)
SKW_WCMP_E5_H pin=170, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=170, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=170, code=409 (415 409 411 415)
SKW_WCMP_E6_H pin=170, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=170, LtoZ=12, ZtoL=16
SKA_ECMP_E6 pin=171, code=408 (Htr=421, Htf=408, Ltr=423, Ltf=408)
SKW_ECMP_H pin=171, Tr=28, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=171, Tr=31, Tf= 8, CCT=AND (PFcnt= 0)
F SKW_WCMP_E5_H_HtoZ pin=171, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E5_H_HtoZ pin=171, code= 63, Llim= 0, Ulim= 63
SKA_WCMP_E5 pin=171, code=385 (452 387 403 385)
SKW_WCMP_E5_H pin=171, HtoZ=63, ZtoH=11
SKW_WCMP_E5_L pin=171, ZtoL=38, LtoZ= 9
SKA_WCMP_E6 pin=171, code=401 (418 401 416 405)
SKW_WCMP_E6_H pin=171, ZtoH=35, HtoZ= 9
SKW_WCMP_E6_L pin=171, LtoZ=31, ZtoL=14
SKA_ECMP_E6 pin=172, code=380 (Htr=386, Htf=384, Ltr=388, Ltf=380)
SKW_ECMP_H pin=172, Tr=20, Tf=16, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=172, Tr=21, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=172, code=366 (373 369 375 366)
SKW_WCMP_E5_H pin=172, HtoZ=21, ZtoH=13
SKW_WCMP_E5_L pin=172, ZtoL=24, LtoZ= 8
SKA_WCMP_E6 pin=172, code=376 (383 376 378 379)
SKW_WCMP_E6_H pin=172, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin=172, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=173, code=377 (Htr=383, Htf=379, Ltr=383, Ltf=377)
SKW_ECMP_H pin=173, Tr=19, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=173, Tr=20, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=173, code=361 (366 363 370 361)
SKW_WCMP_E5_H pin=173, HtoZ=16, ZtoH=12
SKW_WCMP_E5_L pin=173, ZtoL=24, LtoZ= 8

SKA_WCMP_E6 pin=173, code=371 (380 371 377 373)
SKW_WCMP_E6_H pin=173, ZtoH=25, HtoZ= 7
SKW_WCMP_E6_L pin=173, LtoZ=19, ZtoL=13
F SKA_ECMP_E6_0 pin=174, code=511, Llim= 0, Ulim=479
F SKA_ECMP_E6_1 pin=174, code= 0, Llim= 0, Ulim=479
F SKA_ECMP_E6_2 pin=174, code=511, Llim= 0, Ulim=479
F SKA_ECMP_E6_3 pin=174, code= 0, Llim= 0, Ulim=479
F SKW_ECMP_H_TR pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_ECMP_H_TF pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_ECMP_L_TR pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_ECMP_L_TF pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_ECMP_H_TR pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_ECMP_H_TF pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_ECMP_L_TR pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_ECMP_L_TF pin=174, code= 0, Llim= 0, Ulim= 63
SKA_ECMP_E6 pin=174, code= 0 (Htr=511, Htf= 0, Ltr=511, Ltf= 0)
SKW_ECMP_H pin=174, Tr=63, Tf= 0, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=174, Tr=63, Tf= 0, CCT=AND (PFcnt= 0)
F SKA_WCMP_E5_0 pin=174, code=511, Llim= 0, Ulim=479
F SKA_WCMP_E5_1 pin=174, code= 0, Llim= 0, Ulim=479
F SKA_WCMP_E5_2 pin=174, code=511, Llim= 0, Ulim=479
F SKA_WCMP_E5_3 pin=174, code= 0, Llim= 0, Ulim=479
F SKW_WCMP_E5_H_HtoZ pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E5_H_ZtoH pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_WCMP_E5_L_ZtoL pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E5_L_LtoZ pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_WCMP_E5_H_HtoZ pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E5_H_ZtoH pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_WCMP_E5_L_ZtoL pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E5_L_LtoZ pin=174, code= 0, Llim= 0, Ulim= 63
F SKA_WCMP_E6_0 pin=174, code=511, Llim= 0, Ulim=479
F SKA_WCMP_E6_1 pin=174, code= 0, Llim= 0, Ulim=479
F SKA_WCMP_E6_2 pin=174, code=511, Llim= 0, Ulim=479
F SKA_WCMP_E6_3 pin=174, code= 0, Llim= 0, Ulim=479
F SKW_WCMP_E6_H_ZtoH pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E6_H_HtoZ pin=174, code= 0, Llim= 0, Ulim= 63

F SKW_WCMP_E6_L_LtoZ pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E6_L_ZtoL pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_WCMP_E6_H_ZtoH pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E6_H_HtoZ pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_WCMP_E6_L_LtoZ pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_WCMP_E6_L_ZtoL pin=174, code= 0, Llim= 0, Ulim= 63
SKA_WCMP_E5 pin=174, code= 0 (511 0 511 0)
SKW_WCMP_E5_H pin=174, HtoZ=63, ZtoH= 0
SKW_WCMP_E5_L pin=174, ZtoL=63, LtoZ= 0
SKA_WCMP_E6 pin=174, code= 0 (511 0 511 0)
SKW_WCMP_E6_H pin=174, ZtoH=63, HtoZ= 0
SKW_WCMP_E6_L pin=174, LtoZ=63, ZtoL= 0
SKA_ECMP_E6 pin=175, code=410 (Htr=414, Htf=410, Ltr=414, Ltf=412)
SKW_ECMP_H pin=175, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=175, Tr=13, Tf=11, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=175, code=391 (393 392 394 391)
SKW_WCMP_E5_H pin=175, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin=175, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=175, code=403 (411 403 408 408)
SKW_WCMP_E6_H pin=175, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=175, LtoZ=15, ZtoL=14
SKA_ECMP_E6 pin=176, code=407 (Htr=410, Htf=407, Ltr=411, Ltf=407)
SKW_ECMP_H pin=176, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=176, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=176, code=389 (392 390 393 389)
SKW_WCMP_E5_H pin=176, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=176, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=176, code=399 (407 399 404 404)
SKW_WCMP_E6_H pin=176, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=176, LtoZ=15, ZtoL=15
SKA_ECMP_E6 pin=177, code=417 (Htr=420, Htf=418, Ltr=420, Ltf=417)
SKW_ECMP_H pin=177, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=177, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=177, code=399 (401 401 402 399)
SKW_WCMP_E5_H pin=177, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=177, ZtoL=13, LtoZ= 9

SKA_WCMP_E6 pin=177, code=412 (418 412 414 415)
SKW_WCMP_E6_H pin=177, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=177, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin=178, code=389 (Htr=395, Htf=389, Ltr=395, Ltf=389)
SKW_ECMP_H pin=178, Tr=19, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=178, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=178, code=373 (379 375 382 373)
SKW_WCMP_E5_H pin=178, HtoZ=18, ZtoH=12
SKW_WCMP_E5_L pin=178, ZtoL=23, LtoZ= 8
SKA_WCMP_E6 pin=178, code=382 (393 382 389 385)
SKW_WCMP_E6_H pin=178, ZtoH=29, HtoZ= 9
SKW_WCMP_E6_L pin=178, LtoZ=22, ZtoL=15
SKA_ECMP_E6 pin=179, code=421 (Htr=422, Htf=421, Ltr=423, Ltf=421)
SKW_ECMP_H pin=179, Tr=10, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=179, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=179, code=398 (401 400 403 398)
SKW_WCMP_E5_H pin=179, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=179, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=179, code=414 (420 414 417 418)
SKW_WCMP_E6_H pin=179, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=179, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=180, code=405 (Htr=408, Htf=405, Ltr=408, Ltf=405)
SKW_ECMP_H pin=180, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=180, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=180, code=388 (392 389 393 388)
SKW_WCMP_E5_H pin=180, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=180, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=180, code=398 (405 398 401 401)
SKW_WCMP_E6_H pin=180, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=180, LtoZ=13, ZtoL=12
SKA_ECMP_E6 pin=181, code=411 (Htr=413, Htf=411, Ltr=415, Ltf=411)
SKW_ECMP_H pin=181, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=181, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=181, code=392 (394 392 395 392)
SKW_WCMP_E5_H pin=181, HtoZ=11, ZtoH= 8
SKW_WCMP_E5_L pin=181, ZtoL=13, LtoZ= 8

SKA_WCMP_E6 pin=181, code=405 (411 405 407 410)
SKW_WCMP_E6_H pin=181, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=181, LtoZ=10, ZtoL=14
SKA_ECMP_E6 pin=182, code=412 (Htr=415, Htf=414, Ltr=417, Ltf=412)
SKW_ECMP_H pin=182, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=182, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=182, code=395 (398 397 400 395)
SKW_WCMP_E5_H pin=182, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=182, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin=182, code=407 (412 407 410 411)
SKW_WCMP_E6_H pin=182, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=182, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=183, code=419 (Htr=422, Htf=421, Ltr=423, Ltf=419)
SKW_ECMP_H pin=183, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=183, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=183, code=402 (406 405 405 402)
SKW_WCMP_E5_H pin=183, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin=183, ZtoL=12, LtoZ= 9
SKA_WCMP_E6 pin=183, code=414 (419 414 416 417)
SKW_WCMP_E6_H pin=183, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=183, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin=184, code=417 (Htr=421, Htf=417, Ltr=420, Ltf=418)
SKW_ECMP_H pin=184, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=184, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=184, code=401 (403 403 406 401)
SKW_WCMP_E5_H pin=184, HtoZ=11, ZtoH=12
SKW_WCMP_E5_L pin=184, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=184, code=411 (419 411 415 414)
SKW_WCMP_E6_H pin=184, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin=184, LtoZ=15, ZtoL=13

<<<Comparator skew calibration[FAIL/pin=171,174]>>>

<<<Driver skew calibration>>>

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DRDVAL_TR_35 cmppin= 2, code=370 369 369 368 369 369
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DRDVAL_TR_65 cmppin= 2, code=377 374 373 372 372 ---

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DRDVAL_TF_65 cmppin= 2, code=372 370 369 369 368 370
DRDVAL_TF_80 cmppin= 2, code=371 370 369 369 369 368
DREVAL_TR cmppin= 2, code=372 372 372 372 372 373
DREVAL_TF cmppin= 2, code=375 375 373 372 371 370
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DREVAL_TF cmppin= 1, code=379 379 377 376 375 374
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DREVAL_TF cmppin= 3, code=371 370 369 368 367 366

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DRDVAL_TF_80 cmppin= 19, code=366 365 365 364 364 364
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DREVAL_TF cmppin= 19, code=370 370 368 367 367 366
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DRDVAL_TF_80 cmppin= 22, code=360 359 359 358 358 357
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F DREVAL_TF_7V cmppin=171, code= 0, Llim= 0, Ulim=511
DREVAL_TF cmppin=171, code= 0 0 0 0 0 0
F DRDVAL_TR_1V_50 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_1V_65 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_2V_50 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_2V_65 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_3V_50 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_3V_65 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_4V_50 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_4V_65 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_5V_50 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_5V_65 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_5V_80 cmppin=174, code=511, Llim= 0, Ulim=511
F DRDVAL_TR_7V_50 cmppin=174, code=511, Llim= 0, Ulim=511
DRDVAL_TR_20 cmppin=174, code=393 392 392 393 393 393
DRDVAL_TR_35 cmppin=174, code=395 394 394 394 395 397
DRDVAL_TR_50 cmppin=174, code=511 511 511 511 511 511
DRDVAL_TR_65 cmppin=174, code=511 511 511 511 511 ---
F DRDVAL_TF_1V_50 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_1V_65 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_1V_80 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_2V_50 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_2V_65 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_2V_80 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_3V_50 cmppin=174, code= 0, Llim= 0, Ulim=511

F DRDVAL_TF_3V_65 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_3V_80 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_4V_50 cmppin=174, code= 0, Llim= 0, Ulim=511
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F DRDVAL_TF_4V_80 cmppin=174, code= 0, Llim= 0, Ulim=511
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F DRDVAL_TF_5V_65 cmppin=174, code= 0, Llim= 0, Ulim=511
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F DRDVAL_TF_7V_50 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_7V_65 cmppin=174, code= 0, Llim= 0, Ulim=511
F DRDVAL_TF_7V_80 cmppin=174, code= 0, Llim= 0, Ulim=511
DRDVAL_TF_35 cmppin=174, code=388 386 384 383 381 ---
DRDVAL_TF_50 cmppin=174, code= 0 0 0 0 0 0
DRDVAL_TF_65 cmppin=174, code= 0 0 0 0 0 0
DRDVAL_TF_80 cmppin=174, code= 0 0 0 0 0 0
F DREVAL_TR_1V cmppin=174, code=511, Llim= 0, Ulim=511
F DREVAL_TR_2V cmppin=174, code=511, Llim= 0, Ulim=511
F DREVAL_TR_3V cmppin=174, code=511, Llim= 0, Ulim=511
F DREVAL_TR_4V cmppin=174, code=511, Llim= 0, Ulim=511
F DREVAL_TR_5V cmppin=174, code=511, Llim= 0, Ulim=511
F DREVAL_TR_7V cmppin=174, code=511, Llim= 0, Ulim=511
DREVAL_TR cmppin=174, code=511 511 511 511 511 511
F DREVAL_TF_1V cmppin=174, code= 0, Llim= 0, Ulim=511
F DREVAL_TF_2V cmppin=174, code= 0, Llim= 0, Ulim=511
F DREVAL_TF_3V cmppin=174, code= 0, Llim= 0, Ulim=511
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F DREVAL_TF_7V cmppin=174, code= 0, Llim= 0, Ulim=511
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DRDVAL_TR_20 cmppin=173, code=376 374 374 374 374 374
DRDVAL_TR_35 cmppin=173, code=378 376 375 375 375 376
DRDVAL_TR_50 cmppin=173, code=381 378 377 377 377 377
DRDVAL_TR_65 cmppin=173, code=387 383 381 379 379 ---
DRDVAL_TF_35 cmppin=173, code=382 380 380 381 381 ---
DRDVAL_TF_50 cmppin=173, code=380 379 377 377 377 379
DRDVAL_TF_65 cmppin=173, code=379 378 377 376 376 377

DRDVAL_TF_80 cmppin=173, code=378 377 377 376 376 375
DREVAL_TR cmppin=173, code=383 381 380 380 380 381
DREVAL_TF cmppin=173, code=373 380 379 379 378 377
DRDVAL_TR_20 cmppin=176, code=405 405 404 405 405 405
DRDVAL_TR_35 cmppin=176, code=407 406 406 405 406 406
DRDVAL_TR_50 cmppin=176, code=410 408 407 407 407 408
DRDVAL_TR_65 cmppin=176, code=415 413 411 410 409 ---
DRDVAL_TF_35 cmppin=176, code=413 411 411 412 412 ---
DRDVAL_TF_50 cmppin=176, code=411 408 407 406 407 409
DRDVAL_TF_65 cmppin=176, code=409 407 406 406 405 407
DRDVAL_TF_80 cmppin=176, code=408 407 406 406 406 405
DREVAL_TR cmppin=176, code=409 409 409 409 409 410
DREVAL_TF cmppin=176, code=413 412 411 409 409 407
DRDVAL_TR_20 cmppin=175, code=409 408 408 408 408 409
DRDVAL_TR_35 cmppin=175, code=410 409 409 409 409 409
DRDVAL_TR_50 cmppin=175, code=413 411 410 410 410 411
DRDVAL_TR_65 cmppin=175, code=417 415 414 413 412 ---
DRDVAL_TF_35 cmppin=175, code=415 413 413 414 414 ---
DRDVAL_TF_50 cmppin=175, code=414 411 410 409 410 412
DRDVAL_TF_65 cmppin=175, code=412 411 410 409 409 410
DRDVAL_TF_80 cmppin=175, code=411 410 410 409 409 409
DREVAL_TR cmppin=175, code=412 412 412 412 412 413
DREVAL_TF cmppin=175, code=416 415 414 413 412 411
DRDVAL_TR_20 cmppin=178, code=387 386 386 386 386 387
DRDVAL_TR_35 cmppin=178, code=389 387 387 387 387 388
DRDVAL_TR_50 cmppin=178, code=393 391 389 389 389 389
DRDVAL_TR_65 cmppin=178, code=401 396 394 393 391 ---
DRDVAL_TF_35 cmppin=178, code=395 394 394 394 394 ---
DRDVAL_TF_50 cmppin=178, code=393 391 389 389 389 391
DRDVAL_TF_65 cmppin=178, code=391 390 389 388 388 389
DRDVAL_TF_80 cmppin=178, code=390 389 388 388 388 387
DREVAL_TR cmppin=178, code=395 393 392 392 392 393
DREVAL_TF cmppin=178, code=389 393 392 391 390 389
DRDVAL_TR_20 cmppin=177, code=416 415 415 415 415 416
DRDVAL_TR_35 cmppin=177, code=417 416 416 416 416 417
DRDVAL_TR_50 cmppin=177, code=420 418 417 417 417 417

DRDVAL_TR_65 cmppin=177, code=424 422 420 420 419 ---
DRDVAL_TF_35 cmppin=177, code=422 420 420 420 420 ---
DRDVAL_TF_50 cmppin=177, code=420 418 417 416 417 418
DRDVAL_TF_65 cmppin=177, code=419 417 416 416 415 417
DRDVAL_TF_80 cmppin=177, code=418 417 416 416 416 415
DREVAL_TR cmppin=177, code=419 419 419 419 419 420
DREVAL_TF cmppin=177, code=423 422 420 419 418 417
DRDVAL_TR_20 cmppin=180, code=403 402 402 402 403 403
DRDVAL_TR_35 cmppin=180, code=404 403 403 403 403 404
DRDVAL_TR_50 cmppin=180, code=407 406 405 405 405 405
DRDVAL_TR_65 cmppin=180, code=413 410 409 408 407 ---
DRDVAL_TF_35 cmppin=180, code=412 410 410 410 410 ---
DRDVAL_TF_50 cmppin=180, code=409 407 405 405 406 407
DRDVAL_TF_65 cmppin=180, code=407 405 405 404 404 406
DRDVAL_TF_80 cmppin=180, code=406 405 405 404 404 404
DREVAL_TR cmppin=180, code=407 407 407 407 407 408
DREVAL_TF cmppin=180, code=411 411 409 408 407 406
DRDVAL_TR_20 cmppin=179, code=419 419 419 419 419 419
DRDVAL_TR_35 cmppin=179, code=421 420 420 420 420 420
DRDVAL_TR_50 cmppin=179, code=424 422 421 421 421 422
DRDVAL_TR_65 cmppin=179, code=429 426 425 424 423 ---
DRDVAL_TF_35 cmppin=179, code=427 425 425 425 425 ---
DRDVAL_TF_50 cmppin=179, code=425 422 421 421 421 423
DRDVAL_TF_65 cmppin=179, code=423 421 421 420 420 421
DRDVAL_TF_80 cmppin=179, code=422 421 421 420 420 419
DREVAL_TR cmppin=179, code=423 423 423 423 424 425
DREVAL_TF cmppin=179, code=427 427 425 424 423 422
DRDVAL_TR_20 cmppin=182, code=410 409 409 409 410 410
DRDVAL_TR_35 cmppin=182, code=411 411 410 410 411 411
DRDVAL_TR_50 cmppin=182, code=414 413 412 412 412 412
DRDVAL_TR_65 cmppin=182, code=419 417 416 415 414 ---
DRDVAL_TF_35 cmppin=182, code=418 416 416 416 416 ---
DRDVAL_TF_50 cmppin=182, code=415 413 412 411 412 413
DRDVAL_TF_65 cmppin=182, code=414 412 411 411 410 412
DRDVAL_TF_80 cmppin=182, code=413 412 411 411 411 410
DREVAL_TR cmppin=182, code=414 414 414 414 414 415

DREVAL_TF cmppin=182, code=418 417 415 414 413 412
DRDVAL_TR_20 cmppin=181, code=409 408 408 408 409 409
DRDVAL_TR_35 cmppin=181, code=411 410 409 409 409 410
DRDVAL_TR_50 cmppin=181, code=413 412 411 411 411 411
DRDVAL_TR_65 cmppin=181, code=417 415 414 413 412 ---
DRDVAL_TR_35 cmppin=181, code=416 414 414 414 414 ---
DRDVAL_TR_50 cmppin=181, code=414 412 411 410 411 412
DRDVAL_TR_65 cmppin=181, code=413 411 411 410 409 411
DRDVAL_TR_80 cmppin=181, code=412 411 410 410 410 409
DREVAL_TR cmppin=181, code=412 412 412 413 413 414
DREVAL_TF cmppin=181, code=417 416 414 413 413 411
DRDVAL_TR_20 cmppin=184, code=416 415 415 415 415 415
DRDVAL_TR_35 cmppin=184, code=418 416 416 415 415 416
DRDVAL_TR_50 cmppin=184, code=420 418 417 417 417 417
DRDVAL_TR_65 cmppin=184, code=425 422 420 420 419 ---
DRDVAL_TR_35 cmppin=184, code=424 421 419 419 419 ---
DRDVAL_TR_50 cmppin=184, code=421 419 417 416 416 418
DRDVAL_TR_65 cmppin=184, code=420 418 417 416 415 415
DRDVAL_TR_80 cmppin=184, code=418 417 417 416 416 415
DREVAL_TR cmppin=184, code=420 420 419 419 419 420
DREVAL_TF cmppin=184, code=424 423 421 420 419 418
DRDVAL_TR_20 cmppin=183, code=418 417 417 417 417 417
DRDVAL_TR_35 cmppin=183, code=420 418 418 418 417 418
DRDVAL_TR_50 cmppin=183, code=422 420 419 419 419 419
DRDVAL_TR_65 cmppin=183, code=426 423 422 421 421 ---
DRDVAL_TR_35 cmppin=183, code=426 423 421 421 421 ---
DRDVAL_TR_50 cmppin=183, code=424 421 419 418 418 420
DRDVAL_TR_65 cmppin=183, code=422 420 419 418 418 418
DRDVAL_TR_80 cmppin=183, code=421 420 419 418 418 418
DREVAL_TR cmppin=183, code=422 422 422 422 422 422
DREVAL_TF cmppin=183, code=427 426 424 422 422 420
F SKA_E1_NDT_20_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_1V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E1_NDT_20_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_7V pin=173, code= 0, Llim= 0, Ulim=495
SKA_E1_NDT_20 pin= 1, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin= 1, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 1, code=297 294 291 289 287 283
SKA_E1_NDT_65 pin= 1, code=297 293 290 287 284 ---
SKA_E1_NDT_20 pin= 5, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin= 5, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 5, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 5, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 9, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 9, code=292 290 288 286 285 281
SKA_E1_NDT_50 pin= 9, code=291 288 286 284 281 277

SKA_E1_NDT_65 pin= 9, code=291 288 285 282 278 ---
SKA_E1_NDT_20 pin= 13, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin= 13, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin= 13, code=294 291 288 286 284 280
SKA_E1_NDT_65 pin= 13, code=294 291 288 284 281 ---
SKA_E1_NDT_20 pin= 17, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin= 17, code=293 291 289 288 286 283
SKA_E1_NDT_50 pin= 17, code=292 290 287 285 283 278
SKA_E1_NDT_65 pin= 17, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 21, code=291 290 288 287 286 284
SKA_E1_NDT_35 pin= 21, code=289 288 286 284 282 279
SKA_E1_NDT_50 pin= 21, code=288 286 283 281 279 275
SKA_E1_NDT_65 pin= 21, code=288 285 282 279 276 ---
SKA_E1_NDT_20 pin= 25, code=290 289 287 287 285 283
SKA_E1_NDT_35 pin= 25, code=288 287 285 283 281 278
SKA_E1_NDT_50 pin= 25, code=287 285 282 280 278 274
SKA_E1_NDT_65 pin= 25, code=288 284 281 278 275 ---
SKA_E1_NDT_20 pin= 29, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin= 29, code=288 287 285 283 281 278
SKA_E1_NDT_50 pin= 29, code=287 285 282 280 278 273
SKA_E1_NDT_65 pin= 29, code=287 284 281 278 275 ---
SKA_E1_NDT_20 pin= 33, code=298 297 295 294 293 291
SKA_E1_NDT_35 pin= 33, code=296 294 292 290 289 286
SKA_E1_NDT_50 pin= 33, code=295 292 290 288 286 281
SKA_E1_NDT_65 pin= 33, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 37, code=298 297 295 294 293 291
SKA_E1_NDT_35 pin= 37, code=296 294 292 290 289 286
SKA_E1_NDT_50 pin= 37, code=295 293 290 288 286 282
SKA_E1_NDT_65 pin= 37, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 41, code=305 304 302 301 300 297
SKA_E1_NDT_35 pin= 41, code=303 301 299 297 295 292
SKA_E1_NDT_50 pin= 41, code=302 299 296 294 292 288
SKA_E1_NDT_65 pin= 41, code=302 298 295 292 289 ---
SKA_E1_NDT_20 pin= 45, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin= 45, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin= 45, code=299 297 294 291 289 285

SKA_E1_NDT_65 pin= 45, code=299 296 292 290 286 ---
SKA_E1_NDT_20 pin= 49, code=296 295 293 292 291 289
SKA_E1_NDT_35 pin= 49, code=294 292 290 288 287 284
SKA_E1_NDT_50 pin= 49, code=293 290 288 285 283 279
SKA_E1_NDT_65 pin= 49, code=293 290 287 284 280 ---
SKA_E1_NDT_20 pin= 53, code=293 292 291 289 288 286
SKA_E1_NDT_35 pin= 53, code=291 290 288 286 284 281
SKA_E1_NDT_50 pin= 53, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin= 53, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin=129, code=302 301 300 298 297 294
SKA_E1_NDT_35 pin=129, code=301 299 297 294 293 290
SKA_E1_NDT_50 pin=129, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=129, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=133, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin=133, code=298 296 294 292 291 288
SKA_E1_NDT_50 pin=133, code=297 295 292 289 288 284
SKA_E1_NDT_65 pin=133, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin=137, code=302 300 299 298 297 294
SKA_E1_NDT_35 pin=137, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin=137, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin=137, code=299 296 293 290 286 ---
SKA_E1_NDT_20 pin=141, code=300 298 297 295 294 292
SKA_E1_NDT_35 pin=141, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=141, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=141, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=145, code=297 296 294 293 292 290
SKA_E1_NDT_35 pin=145, code=295 293 291 289 288 285
SKA_E1_NDT_50 pin=145, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin=145, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin=149, code=296 294 293 292 291 288
SKA_E1_NDT_35 pin=149, code=294 292 290 288 287 283
SKA_E1_NDT_50 pin=149, code=292 290 288 286 283 279
SKA_E1_NDT_65 pin=149, code=292 289 287 283 280 ---
SKA_E1_NDT_20 pin=153, code=305 303 301 300 299 297
SKA_E1_NDT_35 pin=153, code=302 301 298 296 295 292
SKA_E1_NDT_50 pin=153, code=301 299 296 294 292 288

SKA_E1_NDT_65 pin=153, code=301 298 295 292 288 ---
SKA_E1_NDT_20 pin=157, code=299 298 296 295 294 291
SKA_E1_NDT_35 pin=157, code=297 295 293 291 289 286
SKA_E1_NDT_50 pin=157, code=296 293 291 288 286 282
SKA_E1_NDT_65 pin=157, code=296 292 289 286 283 ---
SKA_E1_NDT_20 pin=161, code=299 298 296 295 294 292
SKA_E1_NDT_35 pin=161, code=298 296 293 291 290 287
SKA_E1_NDT_50 pin=161, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=161, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=165, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin=165, code=293 291 290 288 286 283
SKA_E1_NDT_50 pin=165, code=292 290 287 285 283 278
SKA_E1_NDT_65 pin=165, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin=169, code=324 322 320 320 320 319
SKA_E1_NDT_35 pin=169, code=322 320 320 319 319 319
SKA_E1_NDT_50 pin=169, code=320 320 319 319 319 319
SKA_E1_NDT_65 pin=169, code=320 320 319 319 319 ---
SKA_E1_NDT_20 pin=173, code= 0 0 0 0 0 0
SKA_E1_NDT_35 pin=173, code= 0 0 0 0 0 0
SKA_E1_NDT_50 pin=173, code= 0 0 0 0 0 0
SKA_E1_NDT_65 pin=173, code= 0 0 0 0 0 ---
SKA_E1_NDT_20 pin=177, code=329 327 325 323 321 320
SKA_E1_NDT_35 pin=177, code=326 324 321 320 319 319
SKA_E1_NDT_50 pin=177, code=325 321 320 319 319 319
SKA_E1_NDT_65 pin=177, code=326 320 320 319 319 ---
SKA_E1_NDT_20 pin=181, code=324 323 321 320 320 319
SKA_E1_NDT_35 pin=181, code=322 320 320 319 319 319
SKA_E1_NDT_50 pin=181, code=321 320 319 319 319 315
SKA_E1_NDT_65 pin=181, code=320 320 319 319 316 ---
F SKA_E2_NDT_20_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_2V pin=173, code=511, Llim= 0, Ulim=495

F SKA_E2_NDT_50_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_50_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_7V pin=173, code=511, Llim= 0, Ulim=495
SKA_E2_NDT_35 pin= 1, code=296 292 289 287 284 ---
SKA_E2_NDT_50 pin= 1, code=296 294 291 288 286 282
SKA_E2_NDT_65 pin= 1, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin= 1, code=299 298 297 295 294 292
SKA_E2_NDT_35 pin= 5, code=297 293 291 288 285 ---
SKA_E2_NDT_50 pin= 5, code=298 295 292 289 287 284
SKA_E2_NDT_65 pin= 5, code=299 297 295 293 291 288
SKA_E2_NDT_80 pin= 5, code=301 299 298 297 296 293
SKA_E2_NDT_35 pin= 9, code=289 287 284 281 278 ---
SKA_E2_NDT_50 pin= 9, code=290 288 285 282 280 276
SKA_E2_NDT_65 pin= 9, code=291 290 288 286 284 281
SKA_E2_NDT_80 pin= 9, code=293 292 291 289 289 286
SKA_E2_NDT_35 pin= 13, code=293 290 287 284 282 ---

SKA_E2_NDT_50 pin= 13, code=293 291 288 286 283 280
SKA_E2_NDT_65 pin= 13, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 13, code=296 295 294 293 292 289
SKA_E2_NDT_35 pin= 17, code=290 287 285 282 279 ---
SKA_E2_NDT_50 pin= 17, code=291 289 286 283 281 277
SKA_E2_NDT_65 pin= 17, code=292 290 289 287 284 281
SKA_E2_NDT_80 pin= 17, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin= 21, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin= 21, code=288 285 282 280 277 274
SKA_E2_NDT_65 pin= 21, code=289 287 285 283 281 278
SKA_E2_NDT_80 pin= 21, code=290 289 288 287 286 284
SKA_E2_NDT_35 pin= 25, code=285 282 279 277 274 ---
SKA_E2_NDT_50 pin= 25, code=286 284 281 278 275 272
SKA_E2_NDT_65 pin= 25, code=287 286 284 282 279 276
SKA_E2_NDT_80 pin= 25, code=289 288 286 285 285 282
SKA_E2_NDT_35 pin= 29, code=284 281 278 276 273 ---
SKA_E2_NDT_50 pin= 29, code=285 282 279 276 274 271
SKA_E2_NDT_65 pin= 29, code=286 285 282 281 278 275
SKA_E2_NDT_80 pin= 29, code=288 286 285 284 283 281
SKA_E2_NDT_35 pin= 33, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 33, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin= 33, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 33, code=296 295 294 292 292 289
SKA_E2_NDT_35 pin= 37, code=293 290 287 284 282 ---
SKA_E2_NDT_50 pin= 37, code=294 291 288 286 283 280
SKA_E2_NDT_65 pin= 37, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 37, code=296 295 294 293 292 289
SKA_E2_NDT_35 pin= 41, code=300 297 294 291 289 ---
SKA_E2_NDT_50 pin= 41, code=301 298 295 292 290 287
SKA_E2_NDT_65 pin= 41, code=302 300 298 296 294 291
SKA_E2_NDT_80 pin= 41, code=304 302 301 300 299 296
SKA_E2_NDT_35 pin= 45, code=297 294 291 289 286 ---
SKA_E2_NDT_50 pin= 45, code=298 295 292 290 287 284
SKA_E2_NDT_65 pin= 45, code=299 297 295 294 291 288
SKA_E2_NDT_80 pin= 45, code=301 299 298 297 296 293
SKA_E2_NDT_35 pin= 49, code=291 288 285 282 279 ---

SKA_E2_NDT_50 pin= 49, code=291 289 286 283 281 278
SKA_E2_NDT_65 pin= 49, code=293 291 289 287 285 282
SKA_E2_NDT_80 pin= 49, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin= 53, code=289 286 283 281 278 ---
SKA_E2_NDT_50 pin= 53, code=290 288 285 282 280 276
SKA_E2_NDT_65 pin= 53, code=291 290 288 286 284 281
SKA_E2_NDT_80 pin= 53, code=293 292 291 289 288 286
SKA_E2_NDT_35 pin=129, code=297 294 291 288 286 ---
SKA_E2_NDT_50 pin=129, code=298 295 292 289 287 284
SKA_E2_NDT_65 pin=129, code=299 297 295 293 291 288
SKA_E2_NDT_80 pin=129, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin=133, code=296 292 290 287 285 ---
SKA_E2_NDT_50 pin=133, code=296 294 291 288 286 283
SKA_E2_NDT_65 pin=133, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin=133, code=299 298 297 295 295 292
SKA_E2_NDT_35 pin=137, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin=137, code=297 295 292 289 287 283
SKA_E2_NDT_65 pin=137, code=299 297 295 293 290 287
SKA_E2_NDT_80 pin=137, code=300 299 298 296 295 293
SKA_E2_NDT_35 pin=141, code=295 291 288 286 283 ---
SKA_E2_NDT_50 pin=141, code=295 293 290 287 285 281
SKA_E2_NDT_65 pin=141, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin=141, code=298 297 296 294 293 291
SKA_E2_NDT_35 pin=145, code=292 289 286 284 281 ---
SKA_E2_NDT_50 pin=145, code=293 290 288 285 282 279
SKA_E2_NDT_65 pin=145, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin=145, code=296 294 293 292 291 288
SKA_E2_NDT_35 pin=149, code=291 288 285 282 280 ---
SKA_E2_NDT_50 pin=149, code=291 289 286 283 281 278
SKA_E2_NDT_65 pin=149, code=293 291 289 287 285 282
SKA_E2_NDT_80 pin=149, code=294 293 292 290 289 287
SKA_E2_NDT_35 pin=153, code=300 297 294 292 288 ---
SKA_E2_NDT_50 pin=153, code=301 299 296 293 290 287
SKA_E2_NDT_65 pin=153, code=302 300 299 297 294 291
SKA_E2_NDT_80 pin=153, code=304 303 301 300 299 297
SKA_E2_NDT_35 pin=157, code=294 291 288 285 282 ---

SKA_E2_NDT_50 pin=157, code=295 292 289 287 284 281
SKA_E2_NDT_65 pin=157, code=296 294 292 290 288 285
SKA_E2_NDT_80 pin=157, code=298 296 295 294 293 290
SKA_E2_NDT_35 pin=161, code=295 292 289 286 284 ---
SKA_E2_NDT_50 pin=161, code=296 293 290 288 285 282
SKA_E2_NDT_65 pin=161, code=297 295 293 291 289 286
SKA_E2_NDT_80 pin=161, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin=165, code=291 288 285 283 280 ---
SKA_E2_NDT_50 pin=165, code=292 289 287 284 281 278
SKA_E2_NDT_65 pin=165, code=293 291 289 287 285 282
SKA_E2_NDT_80 pin=165, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin=169, code=320 319 319 319 319 ---
SKA_E2_NDT_50 pin=169, code=320 320 319 319 319 319
SKA_E2_NDT_65 pin=169, code=320 320 319 319 319 319
SKA_E2_NDT_80 pin=169, code=322 320 320 320 320 319
SKA_E2_NDT_35 pin=173, code=511 511 511 511 511 ---
SKA_E2_NDT_50 pin=173, code=511 511 511 511 511 511
SKA_E2_NDT_65 pin=173, code=511 511 511 511 511 511
SKA_E2_NDT_80 pin=173, code=511 511 511 511 511 511
F SKA_E2_NDT_20_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_35_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_50_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_65_at0V pin=173, code=511, Ulim=495 : ShortMargin
SKA_E2_NDT_35 pin=177, code=322 320 320 319 319 ---
SKA_E2_NDT_50 pin=177, code=324 320 320 319 319 319
SKA_E2_NDT_65 pin=177, code=325 323 320 320 319 319
SKA_E2_NDT_80 pin=177, code=327 326 324 322 321 320
SKA_E2_NDT_35 pin=181, code=320 319 319 319 316 ---
SKA_E2_NDT_50 pin=181, code=320 320 319 319 318 315
SKA_E2_NDT_65 pin=181, code=321 320 320 319 319 319
SKA_E2_NDT_80 pin=181, code=322 321 320 320 320 319
F SKA_E5_DT_20_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_1V pin=173, code=511, Llim= 0, Ulim=495

F SKA_E5_DT_20_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_80_7V pin=173, code=511, Llim= 0, Ulim=495
SKA_E5_DT_20 pin= 1, code=290 289 287 286 285 283
SKA_E5_DT_35 pin= 1, code=288 286 284 282 281 277
SKA_E5_DT_50 pin= 1, code=287 284 282 279 277 273
SKA_E5_DT_65 pin= 1, code=287 283 280 277 275 ---
SKA_E5_DT_20 pin= 5, code=293 291 290 289 288 285
SKA_E5_DT_35 pin= 5, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 5, code=289 287 284 282 280 276
SKA_E5_DT_65 pin= 5, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin= 9, code=285 284 282 281 280 277
SKA_E5_DT_35 pin= 9, code=283 281 279 277 275 272
SKA_E5_DT_50 pin= 9, code=282 280 277 274 272 268

SKA_E5_DT_65 pin= 9, code=282 279 276 272 269 ---
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=285 283 280 277 275 271
SKA_E5_DT_65 pin= 13, code=285 282 279 276 272 ---
SKA_E5_DT_20 pin= 17, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 17, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 17, code=283 281 277 275 273 269
SKA_E5_DT_65 pin= 17, code=283 280 277 273 270 ---
SKA_E5_DT_20 pin= 21, code=281 280 279 277 276 274
SKA_E5_DT_35 pin= 21, code=280 278 276 274 272 268
SKA_E5_DT_50 pin= 21, code=278 276 273 271 268 264
SKA_E5_DT_65 pin= 21, code=278 275 272 269 265 ---
SKA_E5_DT_20 pin= 25, code=281 279 278 277 275 273
SKA_E5_DT_35 pin= 25, code=278 277 275 273 271 267
SKA_E5_DT_50 pin= 25, code=277 275 272 270 267 263
SKA_E5_DT_65 pin= 25, code=278 274 271 268 264 ---
SKA_E5_DT_20 pin= 29, code=280 278 277 275 274 272
SKA_E5_DT_35 pin= 29, code=278 276 274 272 270 266
SKA_E5_DT_50 pin= 29, code=276 274 271 269 266 262
SKA_E5_DT_65 pin= 29, code=276 273 270 267 263 ---
SKA_E5_DT_20 pin= 33, code=289 287 286 285 284 281
SKA_E5_DT_35 pin= 33, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 33, code=285 283 280 278 276 272
SKA_E5_DT_65 pin= 33, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin= 37, code=288 287 285 284 283 281
SKA_E5_DT_35 pin= 37, code=286 284 282 280 278 275
SKA_E5_DT_50 pin= 37, code=285 283 280 277 275 271
SKA_E5_DT_65 pin= 37, code=285 282 279 275 272 ---
SKA_E5_DT_20 pin= 41, code=295 294 292 291 290 287
SKA_E5_DT_35 pin= 41, code=293 291 289 287 286 283
SKA_E5_DT_50 pin= 41, code=292 290 287 285 283 278
SKA_E5_DT_65 pin= 41, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin= 45, code=292 291 289 288 287 285
SKA_E5_DT_35 pin= 45, code=290 288 286 284 283 279
SKA_E5_DT_50 pin= 45, code=289 287 284 282 279 275

SKA_E5_DT_65 pin= 45, code=289 286 283 280 276 ---
SKA_E5_DT_20 pin= 49, code=286 284 283 282 281 278
SKA_E5_DT_35 pin= 49, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 49, code=282 280 277 275 273 269
SKA_E5_DT_65 pin= 49, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin= 53, code=284 283 281 280 279 276
SKA_E5_DT_35 pin= 53, code=282 280 278 276 274 271
SKA_E5_DT_50 pin= 53, code=281 278 275 273 271 267
SKA_E5_DT_65 pin= 53, code=281 277 274 271 268 ---
SKA_E5_DT_20 pin=129, code=292 291 289 288 287 285
SKA_E5_DT_35 pin=129, code=291 289 287 285 283 280
SKA_E5_DT_50 pin=129, code=289 287 284 282 280 276
SKA_E5_DT_65 pin=129, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin=133, code=290 289 288 287 285 283
SKA_E5_DT_35 pin=133, code=289 287 285 283 281 278
SKA_E5_DT_50 pin=133, code=287 285 282 280 278 274
SKA_E5_DT_65 pin=133, code=288 284 281 278 275 ---
SKA_E5_DT_20 pin=137, code=293 291 290 289 288 286
SKA_E5_DT_35 pin=137, code=291 289 287 285 283 281
SKA_E5_DT_50 pin=137, code=290 287 284 282 280 276
SKA_E5_DT_65 pin=137, code=290 287 284 281 277 ---
SKA_E5_DT_20 pin=141, code=290 289 287 286 285 283
SKA_E5_DT_35 pin=141, code=288 287 285 283 281 278
SKA_E5_DT_50 pin=141, code=287 285 282 280 277 273
SKA_E5_DT_65 pin=141, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=145, code=288 287 285 284 283 280
SKA_E5_DT_35 pin=145, code=286 284 282 280 278 275
SKA_E5_DT_50 pin=145, code=285 283 280 277 275 271
SKA_E5_DT_65 pin=145, code=285 281 278 275 272 ---
SKA_E5_DT_20 pin=149, code=285 284 283 282 280 278
SKA_E5_DT_35 pin=149, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=149, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=149, code=282 279 276 273 269 ---
SKA_E5_DT_20 pin=153, code=295 294 292 291 290 288
SKA_E5_DT_35 pin=153, code=293 291 289 288 286 283
SKA_E5_DT_50 pin=153, code=292 290 287 285 283 279

SKA_E5_DT_65 pin=153, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin=157, code=290 288 287 286 284 282
SKA_E5_DT_35 pin=157, code=288 286 284 282 280 277
SKA_E5_DT_50 pin=157, code=286 284 281 279 277 272
SKA_E5_DT_65 pin=157, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=161, code=290 289 288 287 285 283
SKA_E5_DT_35 pin=161, code=289 287 285 283 281 278
SKA_E5_DT_50 pin=161, code=287 285 282 280 278 273
SKA_E5_DT_65 pin=161, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=165, code=286 284 283 282 280 278
SKA_E5_DT_35 pin=165, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=165, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=165, code=283 279 276 273 270 ---
SKA_E5_DT_20 pin=169, code=320 320 319 319 319 317
SKA_E5_DT_35 pin=169, code=319 319 319 316 314 311
SKA_E5_DT_50 pin=169, code=319 319 316 313 311 306
SKA_E5_DT_65 pin=169, code=319 318 315 311 308 ---
SKA_E5_DT_20 pin=173, code= 0 0 0 0 0 0
SKA_E5_DT_35 pin=173, code= 0 0 0 0 0 0
SKA_E5_DT_50 pin=173, code= 0 0 0 0 0 0
SKA_E5_DT_65 pin=173, code= 0 0 0 0 0 ---
SKA_E5_DT_20 pin=177, code=320 320 320 319 319 319
SKA_E5_DT_35 pin=177, code=320 319 319 319 318 314
SKA_E5_DT_50 pin=177, code=319 319 319 317 314 309
SKA_E5_DT_65 pin=177, code=319 319 318 315 311 ---
SKA_E5_DT_20 pin=181, code=320 319 319 319 317 315
SKA_E5_DT_35 pin=181, code=319 319 317 315 313 309
SKA_E5_DT_50 pin=181, code=319 317 314 311 309 305
SKA_E5_DT_65 pin=181, code=319 316 313 309 306 ---
F SKA_E6_DT_20_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_2V pin=173, code=511, Llim= 0, Ulim=495

F SKA_E6_DT_50_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_50_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_7V pin=173, code=511, Llim= 0, Ulim=495
SKA_E6_DT_35 pin= 1, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin= 1, code=290 287 284 282 279 276
SKA_E6_DT_65 pin= 1, code=291 289 287 285 283 280
SKA_E6_DT_80 pin= 1, code=292 291 290 289 288 285
SKA_E6_DT_35 pin= 5, code=290 287 284 281 279 ---
SKA_E6_DT_50 pin= 5, code=291 289 286 283 281 277
SKA_E6_DT_65 pin= 5, code=292 290 289 287 285 281
SKA_E6_DT_80 pin= 5, code=294 292 291 290 289 287
SKA_E6_DT_35 pin= 9, code=284 280 277 275 272 ---
SKA_E6_DT_50 pin= 9, code=284 282 279 276 273 270
SKA_E6_DT_65 pin= 9, code=286 284 282 280 278 274
SKA_E6_DT_80 pin= 9, code=287 286 285 284 283 280
SKA_E6_DT_35 pin= 13, code=287 284 281 278 275 ---

SKA_E6_DT_50 pin= 13, code=288 285 282 279 277 274
SKA_E6_DT_65 pin= 13, code=289 287 285 283 281 278
SKA_E6_DT_80 pin= 13, code=290 289 288 287 286 283
SKA_E6_DT_35 pin= 17, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin= 17, code=284 282 279 276 274 270
SKA_E6_DT_65 pin= 17, code=286 284 282 280 278 275
SKA_E6_DT_80 pin= 17, code=287 286 285 284 283 280
SKA_E6_DT_35 pin= 21, code=280 276 274 271 268 ---
SKA_E6_DT_50 pin= 21, code=281 278 275 272 269 266
SKA_E6_DT_65 pin= 21, code=282 280 278 276 274 270
SKA_E6_DT_80 pin= 21, code=283 282 281 280 279 276
SKA_E6_DT_35 pin= 25, code=278 275 272 269 266 ---
SKA_E6_DT_50 pin= 25, code=278 276 273 270 267 264
SKA_E6_DT_65 pin= 25, code=280 278 276 274 272 268
SKA_E6_DT_80 pin= 25, code=281 280 279 278 277 274
SKA_E6_DT_35 pin= 29, code=276 273 270 268 265 ---
SKA_E6_DT_50 pin= 29, code=277 275 272 268 266 263
SKA_E6_DT_65 pin= 29, code=278 277 275 273 270 267
SKA_E6_DT_80 pin= 29, code=280 279 277 276 276 273
SKA_E6_DT_35 pin= 33, code=286 283 280 277 275 ---
SKA_E6_DT_50 pin= 33, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 33, code=288 287 285 283 280 277
SKA_E6_DT_80 pin= 33, code=290 288 287 286 285 283
SKA_E6_DT_35 pin= 37, code=287 284 281 278 275 ---
SKA_E6_DT_50 pin= 37, code=287 285 282 279 277 273
SKA_E6_DT_65 pin= 37, code=288 287 285 283 281 277
SKA_E6_DT_80 pin= 37, code=290 289 288 287 286 283
SKA_E6_DT_35 pin= 41, code=294 291 288 286 283 ---
SKA_E6_DT_50 pin= 41, code=294 292 289 286 284 281
SKA_E6_DT_65 pin= 41, code=296 294 292 290 288 285
SKA_E6_DT_80 pin= 41, code=297 296 295 294 293 290
SKA_E6_DT_35 pin= 45, code=291 288 285 282 280 ---
SKA_E6_DT_50 pin= 45, code=291 289 286 283 281 278
SKA_E6_DT_65 pin= 45, code=293 291 289 287 285 282
SKA_E6_DT_80 pin= 45, code=294 293 292 291 290 287
SKA_E6_DT_35 pin= 49, code=284 281 278 276 272 ---

SKA_E6_DT_50 pin= 49, code=285 283 280 277 274 271
SKA_E6_DT_65 pin= 49, code=286 284 282 281 278 275
SKA_E6_DT_80 pin= 49, code=288 286 285 284 283 281
SKA_E6_DT_35 pin= 53, code=282 279 276 273 270 ---
SKA_E6_DT_50 pin= 53, code=283 281 278 275 272 269
SKA_E6_DT_65 pin= 53, code=284 283 281 279 277 273
SKA_E6_DT_80 pin= 53, code=286 285 284 282 281 279
SKA_E6_DT_35 pin=129, code=291 288 285 282 280 ---
SKA_E6_DT_50 pin=129, code=292 289 286 284 281 278
SKA_E6_DT_65 pin=129, code=293 291 289 287 285 282
SKA_E6_DT_80 pin=129, code=294 293 292 291 290 287
SKA_E6_DT_35 pin=133, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin=133, code=290 288 285 282 280 276
SKA_E6_DT_65 pin=133, code=292 290 288 286 284 281
SKA_E6_DT_80 pin=133, code=293 292 291 289 289 286
SKA_E6_DT_35 pin=137, code=291 288 285 283 280 ---
SKA_E6_DT_50 pin=137, code=292 289 287 284 281 278
SKA_E6_DT_65 pin=137, code=293 291 289 287 285 282
SKA_E6_DT_80 pin=137, code=294 293 292 291 290 288
SKA_E6_DT_35 pin=141, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin=141, code=289 286 284 281 278 275
SKA_E6_DT_65 pin=141, code=290 288 286 285 282 279
SKA_E6_DT_80 pin=141, code=292 290 289 288 287 284
SKA_E6_DT_35 pin=145, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin=145, code=286 284 281 278 276 272
SKA_E6_DT_65 pin=145, code=287 286 284 282 280 276
SKA_E6_DT_80 pin=145, code=289 288 286 285 285 282
SKA_E6_DT_35 pin=149, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin=149, code=286 283 280 277 275 272
SKA_E6_DT_65 pin=149, code=287 285 283 281 279 276
SKA_E6_DT_80 pin=149, code=288 287 286 285 284 281
SKA_E6_DT_35 pin=153, code=295 291 288 286 283 ---
SKA_E6_DT_50 pin=153, code=295 293 290 287 285 282
SKA_E6_DT_65 pin=153, code=297 294 293 291 289 286
SKA_E6_DT_80 pin=153, code=298 297 296 294 293 291
SKA_E6_DT_35 pin=157, code=288 285 282 279 276 ---

SKA_E6_DT_50 pin=157, code=289 286 283 281 278 275
SKA_E6_DT_65 pin=157, code=290 288 286 285 282 279
SKA_E6_DT_80 pin=157, code=292 290 289 288 287 284
SKA_E6_DT_35 pin=161, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin=161, code=290 287 285 282 279 276
SKA_E6_DT_65 pin=161, code=291 289 287 285 283 280
SKA_E6_DT_80 pin=161, code=292 291 290 289 288 285
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=319 319 319 316 313 ---
SKA_E6_DT_50 pin=169, code=319 319 319 318 315 311
SKA_E6_DT_65 pin=169, code=320 320 319 319 319 316
SKA_E6_DT_80 pin=169, code=320 320 319 319 319 319
SKA_E6_DT_35 pin=173, code=511 511 511 511 511 ---
SKA_E6_DT_50 pin=173, code=511 511 511 511 511 511
SKA_E6_DT_65 pin=173, code=511 511 511 511 511 511
SKA_E6_DT_80 pin=173, code=511 511 511 511 511 511
F SKA_E6_DT_20_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_35_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_50_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_65_at0V pin=173, code=511, Ulim=495 : ShortMargin
SKA_E6_DT_35 pin=177, code=319 319 319 316 313 ---
SKA_E6_DT_50 pin=177, code=320 319 319 318 315 311
SKA_E6_DT_65 pin=177, code=320 320 319 319 319 316
SKA_E6_DT_80 pin=177, code=320 320 320 319 319 319
SKA_E6_DT_35 pin=181, code=319 319 317 314 310 ---
SKA_E6_DT_50 pin=181, code=319 319 318 315 312 309
SKA_E6_DT_65 pin=181, code=320 319 319 319 317 313
SKA_E6_DT_80 pin=181, code=320 320 320 319 319 319
F SKA_E3_N_TR pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E3_N_TF pin=173, code=511, Llim= 0, Ulim=495
SKA_E3_N pin= 1, code=188 (TR=188, TF=188)
SKA_E3_N pin= 5, code=190 (TR=191, TF=190)
SKA_E3_N pin= 9, code=175 (TR=176, TF=175)

SKA_E3_N pin= 13, code=182 (TR=182, TF=183)
SKA_E3_N pin= 17, code=178 (TR=180, TF=178)
SKA_E3_N pin= 21, code=169 (TR=169, TF=170)
SKA_E3_N pin= 25, code=171 (TR=172, TF=171)
SKA_E3_N pin= 29, code=170 (TR=171, TF=170)
SKA_E3_N pin= 33, code=182 (TR=182, TF=182)
SKA_E3_N pin= 37, code=182 (TR=184, TF=182)
SKA_E3_N pin= 41, code=192 (TR=192, TF=193)
SKA_E3_N pin= 45, code=189 (TR=189, TF=189)
SKA_E3_N pin= 49, code=175 (TR=175, TF=175)
SKA_E3_N pin= 53, code=178 (TR=178, TF=179)
SKA_E3_N pin=129, code=189 (TR=189, TF=189)
SKA_E3_N pin=133, code=189 (TR=189, TF=189)
SKA_E3_N pin=137, code=188 (TR=191, TF=188)
SKA_E3_N pin=141, code=185 (TR=185, TF=185)
SKA_E3_N pin=145, code=180 (TR=182, TF=180)
SKA_E3_N pin=149, code=180 (TR=180, TF=180)
SKA_E3_N pin=153, code=191 (TR=191, TF=193)
SKA_E3_N pin=157, code=185 (TR=185, TF=185)
SKA_E3_N pin=161, code=185 (TR=185, TF=185)
SKA_E3_N pin=165, code=178 (TR=178, TF=178)
SKA_E3_N pin=169, code=234 (TR=234, TF=234)
SKA_E3_N pin=173, code= 0 (TR= 0, TF=511)
SKA_E3_N pin=177, code=244 (TR=245, TF=244)
SKA_E3_N pin=181, code=231 (TR=231, TF=231)

F SKW_E3_N_DRDS_20_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_1V pin=173, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_2V pin=173, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_3V pin=173, code= 0, Llim= 0, Ulim= 63

F SKW_E3_N_DRDS_35_3V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_3V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_3V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_3V pin=173, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_4V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_4V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_4V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_4V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_4V pin=173, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_5V pin=173, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_7V pin=173, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_7V pin=173, code=511, Llim= 0, Ulim= 63
 SKW_E3_N_DRDS_20 pin= 1, code= 13 13 12 12 11 10
 SKW_E3_N_DRDS_35 pin= 1, code= 13 12 11 10 9 7
 SKW_E3_N_DRDS_50 pin= 1, code= 12 11 9 8 7 6
 SKW_E3_N_DRDS_65 pin= 1, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDS_20 pin= 5, code= 14 14 13 12 12 11
 SKW_E3_N_DRDS_35 pin= 5, code= 13 12 11 10 10 8
 SKW_E3_N_DRDS_50 pin= 5, code= 13 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin= 5, code= 13 11 9 8 7 ---
 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 10 9 8 6
 SKW_E3_N_DRDS_65 pin= 9, code= 12 10 9 8 6 ---
 SKW_E3_N_DRDS_20 pin= 13, code= 14 13 12 12 11 10
 SKW_E3_N_DRDS_35 pin= 13, code= 13 12 11 10 9 8
 SKW_E3_N_DRDS_50 pin= 13, code= 12 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin= 13, code= 12 11 9 8 6 ---
 SKW_E3_N_DRDS_20 pin= 17, code= 15 14 13 13 12 11

SKW_E3_N_DRDS_35 pin= 17, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 17, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 17, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 21, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 21, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 21, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 21, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 25, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin= 25, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 25, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 25, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 29, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 29, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 29, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 29, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 33, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 33, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 33, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 33, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 37, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 37, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 37, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 37, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 41, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 41, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 41, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 41, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 45, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 45, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 45, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 45, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 49, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 49, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 49, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 49, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 53, code= 14 13 12 12 11 10

SKW_E3_N_DRDS_35 pin= 53, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 53, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 53, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=129, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=129, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=129, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=129, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=133, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=133, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=133, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=133, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=137, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=137, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=137, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=137, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=141, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=141, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=141, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=141, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=145, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=145, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=145, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=145, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=149, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=149, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=149, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=149, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=153, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=153, code= 12 11 11 10 9 7
SKW_E3_N_DRDS_50 pin=153, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=153, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=157, code= 13 13 12 11 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 9 8 7 6
SKW_E3_N_DRDS_65 pin=157, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=161, code= 13 13 12 11 11 10

SKW_E3_N_DRDS_35 pin=161, code= 12 11 10 9 9 7
 SKW_E3_N_DRDS_50 pin=161, code= 12 11 9 8 7 5
 SKW_E3_N_DRDS_65 pin=161, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDS_20 pin=165, code= 13 13 12 12 11 10
 SKW_E3_N_DRDS_35 pin=165, code= 13 12 11 10 9 7
 SKW_E3_N_DRDS_50 pin=165, code= 12 11 9 8 7 6
 SKW_E3_N_DRDS_65 pin=165, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDS_20 pin=169, code= 13 13 12 11 11 10
 SKW_E3_N_DRDS_35 pin=169, code= 12 11 10 10 9 7
 SKW_E3_N_DRDS_50 pin=169, code= 12 11 9 8 7 5
 SKW_E3_N_DRDS_65 pin=169, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDS_20 pin=173, code= 0 0 0 0 0 0
 SKW_E3_N_DRDS_35 pin=173, code= 0 0 0 0 0 0
 SKW_E3_N_DRDS_50 pin=173, code= 0 0 0 0 0 0
 SKW_E3_N_DRDS_65 pin=173, code= 0 0 0 0 0 ---
 SKW_E3_N_DRDS_20 pin=177, code= 14 13 12 12 11 10
 SKW_E3_N_DRDS_35 pin=177, code= 13 12 11 10 9 8
 SKW_E3_N_DRDS_50 pin=177, code= 12 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin=177, code= 13 11 9 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 ---
 F SKW_E3_N_DRDR_20_1V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_1V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_1V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_1V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_1V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_2V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_2V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_2V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_2V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_2V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_3V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_3V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_3V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E3_N_DRDR_65_3V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_3V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_4V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_4V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_4V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_4V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_4V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_7V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_7V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_7V pin=173, code= 63, Llim= 0, Ulim= 63
 SKW_E3_N_DRDR_35 pin= 1, code= 12 10 9 8 6 ---
 SKW_E3_N_DRDR_50 pin= 1, code= 12 11 10 8 7 5
 SKW_E3_N_DRDR_65 pin= 1, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 1, code= 13 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin= 5, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 5, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 5, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 5, code= 13 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin= 9, code= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin= 9, code= 11 10 9 8 6 5
 SKW_E3_N_DRDR_65 pin= 9, code= 12 11 10 9 8 7
 SKW_E3_N_DRDR_80 pin= 9, code= 13 12 11 11 11 9
 SKW_E3_N_DRDR_35 pin= 13, code= 12 11 9 8 7 ---
 SKW_E3_N_DRDR_50 pin= 13, code= 12 11 10 8 7 6
 SKW_E3_N_DRDR_65 pin= 13, code= 13 12 11 10 9 8
 SKW_E3_N_DRDR_80 pin= 13, code= 14 13 13 12 12 10
 SKW_E3_N_DRDR_35 pin= 17, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 17, code= 12 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 17, code= 12 11 11 10 9 7

SKW_E3_N_DRDR_80 pin= 17, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 21, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 21, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin= 21, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 21, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 25, code= 11 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 25, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 25, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 25, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 29, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 29, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 29, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin= 29, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin= 33, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 33, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 33, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 33, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 37, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 37, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 37, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 37, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 41, code= 12 10 9 8 7 ---
SKW_E3_N_DRDR_50 pin= 41, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin= 41, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin= 41, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 45, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 45, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 45, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin= 45, code= 13 12 11 11 11 9
SKW_E3_N_DRDR_35 pin= 49, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 49, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 49, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin= 49, code= 13 12 11 11 11 9
SKW_E3_N_DRDR_35 pin= 53, code= 12 11 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 53, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 53, code= 13 12 11 10 9 8

SKW_E3_N_DRDR_80 pin= 53, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin=129, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=129, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=129, code= 12 11 10 9 9 7
SKW_E3_N_DRDR_80 pin=129, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=133, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=133, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=133, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=133, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=137, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=137, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=137, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=137, code= 13 13 12 11 11 10
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 9
SKW_E3_N_DRDR_35 pin=145, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=145, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=145, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin=145, code= 13 12 11 11 10 9
SKW_E3_N_DRDR_35 pin=149, code= 11 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=149, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=149, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=149, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=153, code= 12 11 10 8 7 ---
SKW_E3_N_DRDR_50 pin=153, code= 13 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=153, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=153, code= 14 13 13 12 12 11
SKW_E3_N_DRDR_35 pin=157, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=157, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=157, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=157, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=161, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=161, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=161, code= 12 11 10 10 9 7

SKW_E3_N_DRDR_80 pin=161, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=165, code= 11 10 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 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=165, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=169, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=169, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=169, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=169, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=173, code= 63 63 63 63 63 ---
SKW_E3_N_DRDR_50 pin=173, code= 63 63 63 63 63 63
SKW_E3_N_DRDR_65 pin=173, code= 63 63 63 63 63 63
SKW_E3_N_DRDR_80 pin=173, code= 63 63 63 63 63 63
SKW_E3_N_DRDR_35 pin=177, code= 11 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 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=177, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=181, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=181, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=181, code= 12 11 10 9 9 7
SKW_E3_N_DRDR_80 pin=181, code= 13 12 12 11 11 9

F SKA_E3_D_TR pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_D_TF pin=173, code=511, Llim= 0, Ulim=495

SKA_E3_D pin= 1, code=171 (TR=171, TF=171)
SKA_E3_D pin= 5, code=177 (TR=177, TF=179)
SKA_E3_D pin= 9, code=159 (TR=159, TF=159)
SKA_E3_D pin= 13, code=166 (TR=166, TF=167)
SKA_E3_D pin= 17, code=162 (TR=162, TF=164)
SKA_E3_D pin= 21, code=155 (TR=157, TF=155)
SKA_E3_D pin= 25, code=155 (TR=155, TF=158)
SKA_E3_D pin= 29, code=155 (TR=155, TF=157)
SKA_E3_D pin= 33, code=167 (TR=167, TF=169)
SKA_E3_D pin= 37, code=167 (TR=167, TF=168)
SKA_E3_D pin= 41, code=179 (TR=179, TF=180)
SKA_E3_D pin= 45, code=174 (TR=174, TF=176)
SKA_E3_D pin= 49, code=161 (TR=161, TF=163)

SKA_E3_D pin= 53, code=162 (TR=162, TF=164)
SKA_E3_D pin=129, code=175 (TR=175, TF=176)
SKA_E3_D pin=133, code=176 (TR=176, TF=176)
SKA_E3_D pin=137, code=173 (TR=173, TF=173)
SKA_E3_D pin=141, code=169 (TR=169, TF=169)
SKA_E3_D pin=145, code=164 (TR=164, TF=166)
SKA_E3_D pin=149, code=166 (TR=166, TF=166)
SKA_E3_D pin=153, code=177 (TR=177, TF=177)
SKA_E3_D pin=157, code=167 (TR=167, TF=169)
SKA_E3_D pin=161, code=169 (TR=169, TF=171)
SKA_E3_D pin=165, code=164 (TR=164, TF=165)
SKA_E3_D pin=169, code=218 (TR=218, TF=221)
SKA_E3_D pin=173, code= 0 (TR= 0, TF=511)
SKA_E3_D pin=177, code=227 (TR=227, TF=229)
SKA_E3_D pin=181, code=216 (TR=216, TF=218)

F SKW_E3_D_DRES_20_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_20_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_20_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_20_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_20_5V pin=173, code= 0, Llim= 0, Ulim= 63

F SKW_E3_D_DRES_35_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_5V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_7V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_7V pin=173, code= 63, Llim= 0, Ulim= 63
 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= 13 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 5, code= 13 12 11 10 9 7
 SKW_E3_D_DRES_50 pin= 5, code= 12 11 9 8 7 6
 SKW_E3_D_DRES_65 pin= 5, code= 12 10 9 7 6 ---
 SKW_E3_D_DRES_20 pin= 9, code= 13 13 12 11 11 10
 SKW_E3_D_DRES_35 pin= 9, code= 12 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 9, code= 12 11 9 9 8 6
 SKW_E3_D_DRES_65 pin= 9, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 13, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 13, code= 13 12 11 10 9 7
 SKW_E3_D_DRES_50 pin= 13, code= 12 11 10 8 7 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= 14 13 13 12 12 11
 SKW_E3_D_DRES_35 pin= 21, code= 13 12 11 10 10 8
 SKW_E3_D_DRES_50 pin= 21, code= 13 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 21, code= 13 11 10 8 7 ---
 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 7 6
SKW_E3_D_DRES_65 pin= 29, code= 12 10 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 12 12 11 10
SKW_E3_D_DRES_35 pin= 37, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 37, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 37, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 41, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 41, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 41, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 41, code= 12 10 9 7 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 8 8 6
SKW_E3_D_DRES_65 pin= 45, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 49, code= 13 13 12 12 11 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 9 8 6 ---
SKW_E3_D_DRES_20 pin= 53, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 53, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 53, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 53, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=129, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=129, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin=129, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=129, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=133, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=133, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=133, code= 12 11 9 8 7 6

SKW_E3_D_DRES_65 pin=133, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=137, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=137, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=137, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=137, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=141, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=141, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=141, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=141, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=145, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=145, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=145, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=145, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=149, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=149, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=149, code= 12 11 10 9 7 6
SKW_E3_D_DRES_65 pin=149, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=153, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=153, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=153, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=153, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=157, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=157, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=157, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=157, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=161, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=161, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin=161, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=161, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=165, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=165, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=165, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=165, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=169, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=169, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin=169, code= 12 11 9 8 7 5

SKW_E3_D_DRES_65 pin=169, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=173, code= 0 0 0 0 0 0
SKW_E3_D_DRES_35 pin=173, code= 0 0 0 0 0 0
SKW_E3_D_DRES_50 pin=173, code= 0 0 0 0 0 0
SKW_E3_D_DRES_65 pin=173, code= 0 0 0 0 0 ---
SKW_E3_D_DRES_20 pin=177, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=177, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=177, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=177, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=181, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=181, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=181, code= 12 11 9 9 8 6
SKW_E3_D_DRES_65 pin=181, code= 12 10 9 8 6 ---
F SKW_E3_D_DRER_20_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_35_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_50_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_65_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_80_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_20_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_35_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_50_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_65_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_80_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_20_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_35_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_50_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_65_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_80_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_20_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_35_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_50_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_65_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_80_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_20_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_35_5V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRER_50_5V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E3_D_DRER_65_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_5V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_7V pin=173, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_7V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_7V pin=173, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_7V pin=173, code= 63, Llim= 0, Ulim= 63
 SKW_E3_D_DRER_35 pin= 1, code= 12 10 9 8 6 ---
 SKW_E3_D_DRER_50 pin= 1, code= 12 11 9 8 7 5
 SKW_E3_D_DRER_65 pin= 1, code= 13 12 11 10 9 7
 SKW_E3_D_DRER_80 pin= 1, code= 13 13 12 12 11 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 12 12 11 10 8
 SKW_E3_D_DRER_80 pin= 5, code= 14 13 13 12 12 11
 SKW_E3_D_DRER_35 pin= 9, code= 11 10 8 7 6 ---
 SKW_E3_D_DRER_50 pin= 9, code= 11 10 9 8 6 5
 SKW_E3_D_DRER_65 pin= 9, code= 12 11 10 9 8 7
 SKW_E3_D_DRER_80 pin= 9, code= 13 12 11 11 11 9
 SKW_E3_D_DRER_35 pin= 13, code= 12 10 9 8 6 ---
 SKW_E3_D_DRER_50 pin= 13, code= 12 11 10 8 7 5
 SKW_E3_D_DRER_65 pin= 13, code= 13 12 11 10 9 7
 SKW_E3_D_DRER_80 pin= 13, code= 14 13 12 12 11 10
 SKW_E3_D_DRER_35 pin= 17, code= 12 11 10 8 7 ---
 SKW_E3_D_DRER_50 pin= 17, code= 13 11 10 9 8 6
 SKW_E3_D_DRER_65 pin= 17, code= 13 12 12 11 9 8
 SKW_E3_D_DRER_80 pin= 17, code= 14 13 13 12 12 11
 SKW_E3_D_DRER_35 pin= 21, code= 11 10 8 7 6 ---
 SKW_E3_D_DRER_50 pin= 21, code= 11 10 9 8 7 5
 SKW_E3_D_DRER_65 pin= 21, code= 12 11 10 10 9 7
 SKW_E3_D_DRER_80 pin= 21, code= 13 12 12 11 11 10
 SKW_E3_D_DRER_35 pin= 25, code= 13 12 10 9 8 ---
 SKW_E3_D_DRER_50 pin= 25, code= 14 12 11 9 9 7
 SKW_E3_D_DRER_65 pin= 25, code= 14 13 12 11 10 9
 SKW_E3_D_DRER_80 pin= 25, code= 15 14 14 13 13 12
 SKW_E3_D_DRER_35 pin= 29, code= 12 11 10 8 7 ---

SKW_E3_D_DRER_50 pin= 29, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 29, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 29, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin= 33, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin= 33, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 33, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 33, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 37, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 37, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 37, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 37, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin= 41, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin= 41, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 41, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 41, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 45, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 45, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 45, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 45, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin= 49, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin= 49, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 49, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 49, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin= 53, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 53, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 53, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 53, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=129, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=129, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=129, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=129, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=133, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=133, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=133, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=133, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=137, code= 12 10 9 7 6 ---

SKW_E3_D_DRER_50 pin=137, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=137, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=137, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=141, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=141, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin=141, code= 12 11 10 9 8 7
SKW_E3_D_DRER_80 pin=141, code= 13 12 12 11 11 9
SKW_E3_D_DRER_35 pin=145, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=145, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=145, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=145, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=149, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=149, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin=149, code= 12 11 10 9 9 7
SKW_E3_D_DRER_80 pin=149, code= 13 12 12 11 11 9
SKW_E3_D_DRER_35 pin=153, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=153, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin=153, code= 12 11 10 9 8 7
SKW_E3_D_DRER_80 pin=153, code= 13 12 12 11 11 9
SKW_E3_D_DRER_35 pin=157, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=157, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=157, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=157, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=161, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=161, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=161, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=161, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=165, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=165, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=165, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=165, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=169, code= 12 11 10 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 12 12 11 10 8
SKW_E3_D_DRER_80 pin=169, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=173, code= 63 63 63 63 63 ---

SKW_E3_D_DRER_50 pin=173, code= 63 63 63 63 63 63
SKW_E3_D_DRER_65 pin=173, code= 63 63 63 63 63 63
SKW_E3_D_DRER_80 pin=173, code= 63 63 63 63 63 63
SKW_E3_D_DRER_35 pin=177, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=177, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=177, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=177, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=181, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=181, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=181, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=181, code= 14 13 13 12 12 10

F SKA_E4_D_TR pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E4_D_TF pin=173, code=511, Llim= 0, Ulim=495

SKA_E4_D pin= 1, code=188 (TR=188, TF=198)
SKA_E4_D pin= 5, code=192 (TR=192, TF=201)
SKA_E4_D pin= 9, code=177 (TR=177, TF=187)
SKA_E4_D pin= 13, code=184 (TR=184, TF=194)
SKA_E4_D pin= 17, code=181 (TR=181, TF=189)
SKA_E4_D pin= 21, code=170 (TR=170, TF=181)
SKA_E4_D pin= 25, code=172 (TR=172, TF=182)
SKA_E4_D pin= 29, code=171 (TR=171, TF=181)
SKA_E4_D pin= 33, code=183 (TR=183, TF=193)
SKA_E4_D pin= 37, code=185 (TR=185, TF=194)
SKA_E4_D pin= 41, code=194 (TR=194, TF=206)
SKA_E4_D pin= 45, code=191 (TR=191, TF=201)
SKA_E4_D pin= 49, code=176 (TR=176, TF=187)
SKA_E4_D pin= 53, code=179 (TR=179, TF=190)
SKA_E4_D pin=129, code=190 (TR=190, TF=199)
SKA_E4_D pin=133, code=190 (TR=190, TF=200)
SKA_E4_D pin=137, code=191 (TR=191, TF=199)
SKA_E4_D pin=141, code=185 (TR=185, TF=195)
SKA_E4_D pin=145, code=183 (TR=183, TF=191)
SKA_E4_D pin=149, code=181 (TR=181, TF=191)
SKA_E4_D pin=153, code=192 (TR=192, TF=205)
SKA_E4_D pin=157, code=186 (TR=186, TF=196)
SKA_E4_D pin=161, code=186 (TR=186, TF=196)

SKA_E4_D pin=165, code=179 (TR=179, TF=189)
SKA_E4_D pin=169, code=234 (TR=234, TF=246)
SKA_E4_D pin=173, code= 0 (TR= 0, TF=511)
SKA_E4_D pin=177, code=243 (TR=243, TF=251)
SKA_E4_D pin=181, code=231 (TR=231, TF=242)
F SKW_E4_D_DRDS_20_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_35_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_50_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_65_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_80_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_20_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_35_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_50_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_65_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_80_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_20_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_35_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_50_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_65_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_80_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_20_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_35_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_50_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_65_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_80_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_20_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_35_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_50_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_65_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_80_5V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_20_7V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_35_7V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_50_7V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_65_7V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDS_80_7V pin=173, code= 63, Llim= 0, Ulim= 63
SKW_E4_D_DRDS_20 pin= 1, code= 14 13 12 12 11 10

SKW_E4_D_DRDS_35 pin= 1, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 1, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 1, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 5, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 5, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 5, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 5, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 9, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 9, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 9, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 9, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 13, code= 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 21, code= 13 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= 13 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 33, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin= 33, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 33, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin= 33, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 37, code= 13 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= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin= 41, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 41, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin= 41, code= 12 10 9 7 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 49, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 49, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 49, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 49, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 53, code= 14 13 13 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=129, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=129, code= 12 11 11 10 9 7
SKW_E4_D_DRDS_50 pin=129, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=129, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=133, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=133, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=133, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=133, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=137, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=137, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=137, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=137, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=141, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=141, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=141, code= 12 11 9 8 8 6
SKW_E4_D_DRDS_65 pin=141, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=145, code= 13 13 12 11 11 10

SKW_E4_D_DRDS_35 pin=145, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=145, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=145, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=149, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=149, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=149, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=149, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=153, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=153, code= 12 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 10 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 11 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= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=161, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=161, code= 12 11 11 10 9 7
SKW_E4_D_DRDS_50 pin=161, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=161, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=165, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=165, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=165, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=165, code= 12 10 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= 0 0 0 0 0 0
SKW_E4_D_DRDS_35 pin=173, code= 0 0 0 0 0 0
SKW_E4_D_DRDS_50 pin=173, code= 0 0 0 0 0 0
SKW_E4_D_DRDS_65 pin=173, code= 0 0 0 0 0 ---
SKW_E4_D_DRDS_20 pin=177, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=177, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=177, code= 12 11 10 9 8 5
SKW_E4_D_DRDS_65 pin=177, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=181, code= 14 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 11 9 8 6 ---
F SKW_E4_D_DRDR_20_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_1V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_2V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_3V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_4V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_5V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_5V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_5V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_5V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_7V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_7V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_7V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_7V pin=173, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_7V pin=173, code= 63, Llim= 0, Ulim= 63
SKW_E4_D_DRDR_35 pin= 1, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 1, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin= 1, code= 13 12 11 10 9 7

SKW_E4_D_DRDR_80 pin= 1, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 5, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 5, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 5, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 5, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 9, code= 10 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 9, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin= 9, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 9, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 13, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 13, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 13, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 13, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 17, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 17, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin= 17, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 17, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin= 21, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 21, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin= 21, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin= 21, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 25, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 25, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 25, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 25, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 29, code= 10 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= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 29, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 33, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 33, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 33, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 33, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 37, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 37, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 37, code= 11 11 10 9 8 6

SKW_E4_D_DRDR_80 pin= 37, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 41, code= 11 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 41, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 41, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin= 41, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 45, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 45, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 45, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 45, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 49, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 49, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 49, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 49, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 53, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 53, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin= 53, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 53, code= 14 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=129, code= 10 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=129, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin=129, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=129, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=133, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=133, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=133, code= 12 11 10 9 9 7
SKW_E4_D_DRDR_80 pin=133, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=137, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=137, code= 10 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=137, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=137, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin=141, code= 11 9 8 7 6 ---
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= 10 8 7 6 5 ---
SKW_E4_D_DRDR_50 pin=145, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin=145, code= 10 10 9 8 7 6

SKW_E4_D_DRDR_80 pin=145, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin=149, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=149, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=149, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=149, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=153, code= 12 11 10 8 7 ---
SKW_E4_D_DRDR_50 pin=153, code= 13 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=153, code= 13 12 11 11 10 8
SKW_E4_D_DRDR_80 pin=153, code= 14 13 13 12 12 11
SKW_E4_D_DRDR_35 pin=157, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin=157, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=157, code= 12 11 10 9 8 7
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 6 ---
SKW_E4_D_DRDR_50 pin=161, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=161, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=161, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=165, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=165, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=165, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=165, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=169, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=169, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin=169, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=169, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin=173, code= 63 63 63 63 63 ---
SKW_E4_D_DRDR_50 pin=173, code= 63 63 63 63 63 63
SKW_E4_D_DRDR_65 pin=173, code= 63 63 63 63 63 63
SKW_E4_D_DRDR_80 pin=173, code= 63 63 63 63 63 63
SKW_E4_D_DRDR_35 pin=177, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=177, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=177, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=177, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=181, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin=181, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=181, code= 12 11 10 9 8 7

SKW_E4_D_DRDR_80 pin=181, code= 13 12 11 11 10 9

F SKA_E3_T_20_1V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_35_1V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_1V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_65_1V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_20_2V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_35_2V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_2V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_65_2V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_20_3V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_35_3V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_3V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_65_3V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_20_4V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_35_4V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_4V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_65_4V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_20_5V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_35_5V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_5V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_65_5V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_20_7V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_35_7V pin=173, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_7V pin=173, code= 0, Llim= 0, Ulim=495

SKA_E3_T_20 pin= 1, code=200 199 198 196 195 193

SKA_E3_T_35 pin= 1, code=199 197 195 193 191 188

SKA_E3_T_50 pin= 1, code=197 195 192 190 188 184

SKA_E3_T_65 pin= 1, code=197 194 191 188 185 ---

SKA_E3_T_20 pin= 5, code=206 205 204 202 201 199

SKA_E3_T_35 pin= 5, code=205 203 201 198 197 193

SKA_E3_T_50 pin= 5, code=203 201 198 195 193 190

SKA_E3_T_65 pin= 5, code=203 199 196 193 191 ---

SKA_E3_T_20 pin= 9, code=189 188 186 185 184 181

SKA_E3_T_35 pin= 9, code=187 186 183 181 179 176

SKA_E3_T_50 pin= 9, code=186 184 181 178 176 172

SKA_E3_T_65 pin= 9, code=186 183 180 176 173 ---

SKA_E3_T_20 pin= 13, code=195 194 193 192 190 188
SKA_E3_T_35 pin= 13, code=193 192 190 188 186 183
SKA_E3_T_50 pin= 13, code=192 190 187 185 183 179
SKA_E3_T_65 pin= 13, code=192 189 186 183 180 ---
SKA_E3_T_20 pin= 17, code=192 191 190 188 187 185
SKA_E3_T_35 pin= 17, code=191 189 187 184 183 179
SKA_E3_T_50 pin= 17, code=189 187 184 181 179 175
SKA_E3_T_65 pin= 17, code=189 186 183 180 176 ---
SKA_E3_T_20 pin= 21, code=187 185 184 183 181 179
SKA_E3_T_35 pin= 21, code=185 183 181 178 177 173
SKA_E3_T_50 pin= 21, code=183 181 178 176 173 169
SKA_E3_T_65 pin= 21, code=183 180 177 174 170 ---
SKA_E3_T_20 pin= 25, code=185 184 182 181 180 177
SKA_E3_T_35 pin= 25, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 25, code=182 179 176 174 172 168
SKA_E3_T_65 pin= 25, code=182 179 175 172 169 ---
SKA_E3_T_20 pin= 29, code=185 184 182 181 180 177
SKA_E3_T_35 pin= 29, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 29, code=182 179 176 174 172 167
SKA_E3_T_65 pin= 29, code=182 178 175 172 169 ---
SKA_E3_T_20 pin= 33, code=198 196 195 194 192 190
SKA_E3_T_35 pin= 33, code=196 194 192 190 188 185
SKA_E3_T_50 pin= 33, code=194 192 190 187 185 181
SKA_E3_T_65 pin= 33, code=194 191 188 185 182 ---
SKA_E3_T_20 pin= 37, code=197 196 195 193 192 190
SKA_E3_T_35 pin= 37, code=195 194 192 190 188 185
SKA_E3_T_50 pin= 37, code=194 192 189 187 185 180
SKA_E3_T_65 pin= 37, code=194 191 188 185 182 ---
SKA_E3_T_20 pin= 41, code=209 208 206 205 203 201
SKA_E3_T_35 pin= 41, code=207 205 203 201 199 196
SKA_E3_T_50 pin= 41, code=206 203 200 198 196 192
SKA_E3_T_65 pin= 41, code=206 202 199 196 193 ---
SKA_E3_T_20 pin= 45, code=204 202 201 200 198 196
SKA_E3_T_35 pin= 45, code=202 200 198 196 194 191
SKA_E3_T_50 pin= 45, code=200 198 195 193 191 187
SKA_E3_T_65 pin= 45, code=200 197 194 191 188 ---

SKA_E3_T_20 pin= 49, code=192 191 189 188 187 184
SKA_E3_T_35 pin= 49, code=190 188 186 184 182 179
SKA_E3_T_50 pin= 49, code=189 186 183 181 179 175
SKA_E3_T_65 pin= 49, code=189 186 183 179 176 ---
SKA_E3_T_20 pin= 53, code=191 190 189 188 186 184
SKA_E3_T_35 pin= 53, code=190 188 186 184 182 179
SKA_E3_T_50 pin= 53, code=188 186 183 181 179 174
SKA_E3_T_65 pin= 53, code=188 185 182 179 175 ---
SKA_E3_T_20 pin=129, code=205 204 202 201 200 197
SKA_E3_T_35 pin=129, code=203 201 199 197 195 192
SKA_E3_T_50 pin=129, code=202 199 196 194 192 188
SKA_E3_T_65 pin=129, code=202 198 195 192 190 ---
SKA_E3_T_20 pin=133, code=206 204 203 201 200 198
SKA_E3_T_35 pin=133, code=204 202 200 198 196 193
SKA_E3_T_50 pin=133, code=202 200 197 195 193 189
SKA_E3_T_65 pin=133, code=203 199 196 193 190 ---
SKA_E3_T_20 pin=137, code=203 201 200 199 197 195
SKA_E3_T_35 pin=137, code=201 199 197 195 193 190
SKA_E3_T_50 pin=137, code=199 197 194 192 190 186
SKA_E3_T_65 pin=137, code=200 196 193 191 187 ---
SKA_E3_T_20 pin=141, code=199 197 196 195 194 191
SKA_E3_T_35 pin=141, code=197 195 193 191 190 187
SKA_E3_T_50 pin=141, code=196 193 191 188 186 182
SKA_E3_T_65 pin=141, code=195 192 190 187 183 ---
SKA_E3_T_20 pin=145, code=195 193 192 191 190 187
SKA_E3_T_35 pin=145, code=193 191 189 187 186 182
SKA_E3_T_50 pin=145, code=192 190 187 184 182 178
SKA_E3_T_65 pin=145, code=192 188 185 182 179 ---
SKA_E3_T_20 pin=149, code=195 194 193 192 191 188
SKA_E3_T_35 pin=149, code=194 192 190 188 186 183
SKA_E3_T_50 pin=149, code=192 190 187 185 183 179
SKA_E3_T_65 pin=149, code=192 189 186 183 180 ---
SKA_E3_T_20 pin=153, code=207 205 204 202 201 199
SKA_E3_T_35 pin=153, code=204 203 201 198 197 194
SKA_E3_T_50 pin=153, code=203 201 198 196 194 190
SKA_E3_T_65 pin=153, code=203 200 197 194 191 ---

SKA_E3_T_20 pin=157, code=198 196 195 193 192 190
SKA_E3_T_35 pin=157, code=196 194 192 190 188 185
SKA_E3_T_50 pin=157, code=194 192 189 187 185 180
SKA_E3_T_65 pin=157, code=194 191 188 185 181 ---
SKA_E3_T_20 pin=161, code=199 197 196 195 193 191
SKA_E3_T_35 pin=161, code=197 195 193 191 189 186
SKA_E3_T_50 pin=161, code=195 193 191 188 186 182
SKA_E3_T_65 pin=161, code=196 192 189 186 183 ---
SKA_E3_T_20 pin=165, code=195 193 192 191 189 187
SKA_E3_T_35 pin=165, code=193 191 189 187 185 182
SKA_E3_T_50 pin=165, code=191 189 186 184 182 177
SKA_E3_T_65 pin=165, code=191 188 185 182 179 ---
SKA_E3_T_20 pin=169, code=251 249 247 246 244 242
SKA_E3_T_35 pin=169, code=248 246 244 241 239 236
SKA_E3_T_50 pin=169, code=247 244 241 238 236 231
SKA_E3_T_65 pin=169, code=247 243 240 236 232 ---
SKA_E3_T_20 pin=173, code= 0 0 0 0 0 0
SKA_E3_T_35 pin=173, code= 0 0 0 0 0 0
SKA_E3_T_50 pin=173, code= 0 0 0 0 0 0
SKA_E3_T_65 pin=173, code= 0 0 0 0 0 ---
SKA_E3_T_20 pin=177, code=257 256 255 253 252 249
SKA_E3_T_35 pin=177, code=256 254 251 249 247 243
SKA_E3_T_50 pin=177, code=255 252 248 246 243 238
SKA_E3_T_65 pin=177, code=255 251 247 243 240 ---
SKA_E3_T_20 pin=181, code=250 248 247 245 244 241
SKA_E3_T_35 pin=181, code=248 245 243 241 239 235
SKA_E3_T_50 pin=181, code=246 243 240 237 235 230
SKA_E3_T_65 pin=181, code=246 242 239 235 232 ---
F SKA_E4_T_20_1V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_1V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_2V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_2V pin=173, code=511, Llim= 0, Ulim=495

F SKA_E4_T_65_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_2V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_3V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_3V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_4V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_4V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_5V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_5V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_7V pin=173, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_50_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_7V pin=173, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_7V pin=173, code=511, Llim= 0, Ulim=495

SKA_E4_T_35 pin= 1, code=213 210 206 204 201 ---
SKA_E4_T_50 pin= 1, code=214 211 208 205 203 199
SKA_E4_T_65 pin= 1, code=215 213 211 209 207 203
SKA_E4_T_80 pin= 1, code=216 215 214 212 212 209
SKA_E4_T_35 pin= 5, code=215 212 209 205 203 ---
SKA_E4_T_50 pin= 5, code=216 213 210 207 205 201
SKA_E4_T_65 pin= 5, code=217 215 213 212 209 206
SKA_E4_T_80 pin= 5, code=219 218 216 215 214 211
SKA_E4_T_35 pin= 9, code=201 197 194 192 189 ---
SKA_E4_T_50 pin= 9, code=202 199 196 193 191 187
SKA_E4_T_65 pin= 9, code=203 201 199 197 195 191
SKA_E4_T_80 pin= 9, code=204 203 202 201 200 197
SKA_E4_T_35 pin= 13, code=209 205 202 199 197 ---
SKA_E4_T_50 pin= 13, code=209 207 204 201 198 195

SKA_E4_T_65 pin= 13, code=210 209 207 205 202 199
SKA_E4_T_80 pin= 13, code=212 211 210 208 207 205
SKA_E4_T_35 pin= 17, code=203 200 197 194 191 ---
SKA_E4_T_50 pin= 17, code=203 201 198 195 193 190
SKA_E4_T_65 pin= 17, code=205 203 201 199 196 193
SKA_E4_T_80 pin= 17, code=206 205 204 202 202 199
SKA_E4_T_35 pin= 21, code=195 192 189 186 184 ---
SKA_E4_T_50 pin= 21, code=196 193 191 188 185 182
SKA_E4_T_65 pin= 21, code=197 195 193 192 189 186
SKA_E4_T_80 pin= 21, code=198 197 196 195 194 192
SKA_E4_T_35 pin= 25, code=195 193 190 187 184 ---
SKA_E4_T_50 pin= 25, code=196 194 191 188 186 182
SKA_E4_T_65 pin= 25, code=198 196 194 192 190 187
SKA_E4_T_80 pin= 25, code=199 198 197 196 195 192
SKA_E4_T_35 pin= 29, code=194 191 188 186 183 ---
SKA_E4_T_50 pin= 29, code=195 192 190 186 185 181
SKA_E4_T_65 pin= 29, code=196 194 192 191 188 185
SKA_E4_T_80 pin= 29, code=197 196 195 194 193 191
SKA_E4_T_35 pin= 33, code=207 204 201 198 195 ---
SKA_E4_T_50 pin= 33, code=208 206 202 200 197 194
SKA_E4_T_65 pin= 33, code=209 207 206 203 201 198
SKA_E4_T_80 pin= 33, code=211 210 209 207 206 204
SKA_E4_T_35 pin= 37, code=208 205 202 199 196 ---
SKA_E4_T_50 pin= 37, code=209 206 203 200 198 194
SKA_E4_T_65 pin= 37, code=210 208 206 204 202 198
SKA_E4_T_80 pin= 37, code=211 210 209 208 207 204
SKA_E4_T_35 pin= 41, code=220 217 214 211 208 ---
SKA_E4_T_50 pin= 41, code=221 218 215 212 210 206
SKA_E4_T_65 pin= 41, code=222 220 218 216 214 210
SKA_E4_T_80 pin= 41, code=223 222 221 220 219 216
SKA_E4_T_35 pin= 45, code=215 212 209 206 203 ---
SKA_E4_T_50 pin= 45, code=216 213 210 207 205 202
SKA_E4_T_65 pin= 45, code=217 215 213 211 209 206
SKA_E4_T_80 pin= 45, code=218 217 216 215 214 211
SKA_E4_T_35 pin= 49, code=201 197 194 192 189 ---
SKA_E4_T_50 pin= 49, code=201 199 196 193 191 187

SKA_E4_T_65 pin= 49, code=202 201 199 197 194 191
SKA_E4_T_80 pin= 49, code=204 203 201 200 199 197
SKA_E4_T_35 pin= 53, code=204 201 197 195 192 ---
SKA_E4_T_50 pin= 53, code=205 202 199 196 194 191
SKA_E4_T_65 pin= 53, code=206 204 202 200 198 195
SKA_E4_T_80 pin= 53, code=207 206 205 204 203 200
SKA_E4_T_35 pin=129, code=213 210 207 204 202 ---
SKA_E4_T_50 pin=129, code=214 212 209 206 203 200
SKA_E4_T_65 pin=129, code=215 213 212 209 207 204
SKA_E4_T_80 pin=129, code=217 215 214 213 212 210
SKA_E4_T_35 pin=133, code=214 211 208 205 203 ---
SKA_E4_T_50 pin=133, code=215 213 210 207 204 201
SKA_E4_T_65 pin=133, code=216 215 213 211 209 205
SKA_E4_T_80 pin=133, code=218 217 216 214 213 211
SKA_E4_T_35 pin=137, code=214 210 207 204 202 ---
SKA_E4_T_50 pin=137, code=214 212 209 206 203 200
SKA_E4_T_65 pin=137, code=215 213 211 210 207 204
SKA_E4_T_80 pin=137, code=217 216 214 213 212 210
SKA_E4_T_35 pin=141, code=209 206 203 200 197 ---
SKA_E4_T_50 pin=141, code=210 208 205 202 199 195
SKA_E4_T_65 pin=141, code=211 209 208 206 203 200
SKA_E4_T_80 pin=141, code=213 212 210 209 208 205
SKA_E4_T_35 pin=145, code=205 202 199 196 193 ---
SKA_E4_T_50 pin=145, code=206 203 200 197 195 192
SKA_E4_T_65 pin=145, code=207 205 203 201 199 195
SKA_E4_T_80 pin=145, code=208 207 206 205 204 201
SKA_E4_T_35 pin=149, code=205 202 199 196 194 ---
SKA_E4_T_50 pin=149, code=206 203 200 197 195 192
SKA_E4_T_65 pin=149, code=207 205 203 201 199 196
SKA_E4_T_80 pin=149, code=209 207 206 205 204 201
SKA_E4_T_35 pin=153, code=220 216 213 211 208 ---
SKA_E4_T_50 pin=153, code=220 218 215 212 209 206
SKA_E4_T_65 pin=153, code=221 219 218 216 213 210
SKA_E4_T_80 pin=153, code=223 222 220 219 218 216
SKA_E4_T_35 pin=157, code=210 207 204 201 198 ---
SKA_E4_T_50 pin=157, code=211 208 205 202 200 196

SKA_E4_T_65 pin=157, code=212 210 208 206 204 200
SKA_E4_T_80 pin=157, code=214 212 211 210 209 206
SKA_E4_T_35 pin=161, code=211 208 205 202 199 ---
SKA_E4_T_50 pin=161, code=211 209 206 203 200 197
SKA_E4_T_65 pin=161, code=212 211 209 207 204 201
SKA_E4_T_80 pin=161, code=214 213 212 210 209 206
SKA_E4_T_35 pin=165, code=203 200 197 194 192 ---
SKA_E4_T_50 pin=165, code=204 202 198 196 193 190
SKA_E4_T_65 pin=165, code=205 203 201 199 197 194
SKA_E4_T_80 pin=165, code=207 205 204 203 202 199
SKA_E4_T_35 pin=169, code=262 258 255 252 249 ---
SKA_E4_T_50 pin=169, code=262 260 256 253 251 246
SKA_E4_T_65 pin=169, code=264 262 259 257 255 251
SKA_E4_T_80 pin=169, code=266 264 262 261 260 257
SKA_E4_T_35 pin=173, code=511 511 511 511 511 ---
SKA_E4_T_50 pin=173, code=511 511 511 511 511 511
SKA_E4_T_65 pin=173, code=511 511 511 511 511 511
SKA_E4_T_80 pin=173, code=511 511 511 511 511 511
F SKA_E4_T_20_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_35_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_50_at0V pin=173, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_65_at0V pin=173, code=511, Ulim=495 : ShortMargin
SKA_E4_T_35 pin=177, code=266 263 259 256 253 ---
SKA_E4_T_50 pin=177, code=267 264 261 258 255 252
SKA_E4_T_65 pin=177, code=268 266 264 262 260 256
SKA_E4_T_80 pin=177, code=270 269 267 266 265 262
SKA_E4_T_35 pin=181, code=258 255 251 248 245 ---
SKA_E4_T_50 pin=181, code=259 256 253 250 247 243
SKA_E4_T_65 pin=181, code=260 258 256 254 252 248
SKA_E4_T_80 pin=181, code=262 260 259 258 257 254
F SKW_E3_N_DRES_1V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_2V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_3V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_4V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_5V pin=173, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_7V pin=173, code= 0, Llim= 0, Ulim= 63

SKW_E3_N_DRES pin= 1, code= 13 13 12 11 11 10
SKW_E3_N_DRES pin= 5, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 9, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 13, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 17, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 21, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 25, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 29, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 33, code= 14 14 13 12 12 12
SKW_E3_N_DRES pin= 37, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 41, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 45, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 49, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 53, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=129, code= 14 13 13 12 12 12
SKW_E3_N_DRES pin=133, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=137, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=141, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=145, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=149, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=153, code= 13 13 12 12 11 11
SKW_E3_N_DRES pin=157, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=161, code= 13 13 12 11 11 11
SKW_E3_N_DRES pin=165, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=169, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=173, code= 0 0 0 0 0 0
SKW_E3_N_DRES pin=177, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=181, code= 14 13 12 12 12 11
SKW_E3_N_ALER pin= 1, code= 8
SKW_E3_N_ALER pin= 5, code= 9
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= 8
SKW_E3_N_ALER pin= 37, code= 8
SKW_E3_N_ALER pin= 41, code= 9
SKW_E3_N_ALER pin= 45, code= 9
SKW_E3_N_ALER pin= 49, code= 9
SKW_E3_N_ALER pin= 53, code= 9
SKW_E3_N_ALER pin=129, code= 9
SKW_E3_N_ALER pin=133, code= 7
SKW_E3_N_ALER pin=137, code= 9
SKW_E3_N_ALER pin=141, code= 8
SKW_E3_N_ALER pin=145, code= 9
SKW_E3_N_ALER pin=149, code= 9
SKW_E3_N_ALER pin=153, code= 8
SKW_E3_N_ALER pin=157, code= 8
SKW_E3_N_ALER pin=161, code= 9
SKW_E3_N_ALER pin=165, code= 9
SKW_E3_N_ALER pin=169, code= 8
SKW_E3_N_ALER pin=173, code= 32
SKW_E3_N_ALER pin=177, code= 10
SKW_E3_N_ALER pin=181, code= 9

F SKA_E4_N_DRER_1V pin=173, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_2V pin=173, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_3V pin=173, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_4V pin=173, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_5V pin=173, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_7V pin=173, code=511, Llim= 0, Ulim=511

SKA_E4_N pin= 1, code=183 (DRE=201 202 200 199 197 194, ALE=183)
SKA_E4_N pin= 5, code=184 (DRE=209 210 208 207 205 201, ALE=184)
SKA_E4_N pin= 9, code=172 (DRE=190 190 189 188 186 182, ALE=172)
SKA_E4_N pin= 13, code=179 (DRE=198 199 197 196 194 191, ALE=179)
SKA_E4_N pin= 17, code=173 (DRE=194 195 194 192 191 188, ALE=173)
SKA_E4_N pin= 21, code=164 (DRE=185 186 185 183 181 178, ALE=164)
SKA_E4_N pin= 25, code=166 (DRE=189 189 188 187 186 183, ALE=166)
SKA_E4_N pin= 29, code=165 (DRE=189 190 189 187 186 182, ALE=165)
SKA_E4_N pin= 33, code=174 (DRE=200 201 199 198 196 193, ALE=174)
SKA_E4_N pin= 37, code=176 (DRE=199 200 198 197 196 193, ALE=176)

SKA_E4_N pin= 41, code=192 (DRE=210 211 210 208 207 204, ALE=192)
SKA_E4_N pin= 45, code=188 (DRE=206 206 205 204 202 199, ALE=188)
SKA_E4_N pin= 49, code=171 (DRE=193 194 193 191 190 186, ALE=171)
SKA_E4_N pin= 53, code=174 (DRE=195 196 194 193 192 188, ALE=174)
SKA_E4_N pin=129, code=183 (DRE=205 206 205 204 203 199, ALE=183)
SKA_E4_N pin=133, code=182 (DRE=206 206 205 204 203 199, ALE=182)
SKA_E4_N pin=137, code=184 (DRE=202 203 201 200 198 194, ALE=184)
SKA_E4_N pin=141, code=180 (DRE=198 198 197 196 194 191, ALE=180)
SKA_E4_N pin=145, code=175 (DRE=196 196 195 194 192 189, ALE=175)
SKA_E4_N pin=149, code=176 (DRE=197 198 197 195 194 191, ALE=176)
SKA_E4_N pin=153, code=188 (DRE=206 207 205 204 202 199, ALE=188)
SKA_E4_N pin=157, code=179 (DRE=199 200 198 197 196 192, ALE=179)
SKA_E4_N pin=161, code=182 (DRE=201 201 200 199 197 194, ALE=182)
SKA_E4_N pin=165, code=174 (DRE=196 196 195 193 192 188, ALE=174)
SKA_E4_N pin=169, code=227 (DRE=251 251 250 248 246 243, ALE=227)
SKA_E4_N pin=173, code= 24 (DRE=511 511 511 511 511 511, ALE= 24)
SKA_E4_N pin=177, code=239 (DRE=258 258 257 255 254 251, ALE=239)
SKA_E4_N pin=181, code=226 (DRE=249 249 248 246 245 242, ALE=226)

F SKW_E4_N_DRER_1V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_2V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_3V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_4V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_5V pin=173, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_7V pin=173, code= 63, Llim= 0, Ulim= 63

SKW_E4_N_DRER pin= 1, code= 14 14 13 12 12 10

SKW_E4_N_DRER pin= 5, code= 17 17 16 16 15 13

SKW_E4_N_DRER pin= 9, code= 13 13 13 12 11 10

SKW_E4_N_DRER pin= 13, code= 14 14 14 13 12 11

SKW_E4_N_DRER pin= 17, code= 15 15 15 14 13 12

SKW_E4_N_DRER pin= 21, code= 14 15 14 13 13 11

SKW_E4_N_DRER pin= 25, code= 16 16 15 15 14 13

SKW_E4_N_DRER pin= 29, code= 16 16 16 15 15 13

SKW_E4_N_DRER pin= 33, code= 17 17 16 16 15 14

SKW_E4_N_DRER pin= 37, code= 16 16 15 15 14 13

SKW_E4_N_DRER pin= 41, code= 13 14 13 13 12 11

SKW_E4_N_DRER pin= 45, code= 13 14 13 12 12 10

SKW_E4_N_DRER pin= 49, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 53, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=129, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin=133, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=137, code= 14 14 13 12 12 10
SKW_E4_N_DRER pin=141, code= 13 13 13 12 11 10
SKW_E4_N_DRER pin=145, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=149, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=153, code= 13 14 13 12 12 10
SKW_E4_N_DRER pin=157, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin=161, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin=165, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=169, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin=173, code= 63 63 63 63 63 63
SKW_E4_N_DRER pin=177, code= 13 13 12 12 11 10
SKW_E4_N_DRER pin=181, code= 14 15 14 13 13 11
SKW_E4_N_ALES pin= 1, code= 5
SKW_E4_N_ALES pin= 5, code= 5
SKW_E4_N_ALES pin= 9, code= 5
SKW_E4_N_ALES pin= 13, code= 5
SKW_E4_N_ALES pin= 17, code= 5
SKW_E4_N_ALES pin= 21, code= 5
SKW_E4_N_ALES pin= 25, code= 5
SKW_E4_N_ALES pin= 29, code= 5
SKW_E4_N_ALES pin= 33, code= 5
SKW_E4_N_ALES pin= 37, code= 5
SKW_E4_N_ALES pin= 41, code= 5
SKW_E4_N_ALES pin= 45, code= 5
SKW_E4_N_ALES pin= 49, code= 5
SKW_E4_N_ALES pin= 53, code= 5
SKW_E4_N_ALES pin=129, code= 5
SKW_E4_N_ALES pin=133, code= 5
SKW_E4_N_ALES pin=137, code= 5
SKW_E4_N_ALES pin=141, code= 5
SKW_E4_N_ALES pin=145, code= 5
SKW_E4_N_ALES pin=149, code= 5

SKW_E4_N_ALES pin=153, code= 5
SKW_E4_N_ALES pin=157, code= 5
SKW_E4_N_ALES pin=161, code= 5
SKW_E4_N_ALES pin=165, code= 5
SKW_E4_N_ALES pin=169, code= 5
SKW_E4_N_ALES pin=173, code= 5
SKW_E4_N_ALES pin=177, code= 5
SKW_E4_N_ALES pin=181, code= 5
F SKA_E1_NDT_20_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_7V pin=178, code= 0, Llim= 0, Ulim=495

F SKA_E1_NDT_65_7V pin=178, code= 0, Llim= 0, Ulim=495

F SKA_E1_NDT_80_7V pin=178, code= 0, Llim= 0, Ulim=495

SKA_E1_NDT_20 pin= 2, code=300 299 298 296 295 293

SKA_E1_NDT_35 pin= 2, code=298 297 295 293 291 288

SKA_E1_NDT_50 pin= 2, code=297 295 292 290 288 284

SKA_E1_NDT_65 pin= 2, code=297 293 291 288 285 ---

SKA_E1_NDT_20 pin= 6, code=302 300 299 298 296 294

SKA_E1_NDT_35 pin= 6, code=300 298 296 293 292 289

SKA_E1_NDT_50 pin= 6, code=298 296 293 291 289 285

SKA_E1_NDT_65 pin= 6, code=298 294 291 288 286 ---

SKA_E1_NDT_20 pin= 10, code=294 293 291 290 289 287

SKA_E1_NDT_35 pin= 10, code=292 290 288 287 285 282

SKA_E1_NDT_50 pin= 10, code=291 288 286 284 282 277

SKA_E1_NDT_65 pin= 10, code=290 287 284 282 278 ---

SKA_E1_NDT_20 pin= 14, code=297 295 294 293 291 289

SKA_E1_NDT_35 pin= 14, code=295 293 291 289 287 284

SKA_E1_NDT_50 pin= 14, code=293 291 288 286 284 280

SKA_E1_NDT_65 pin= 14, code=293 290 287 284 281 ---

SKA_E1_NDT_20 pin= 18, code=296 294 293 292 290 288

SKA_E1_NDT_35 pin= 18, code=294 292 290 288 286 283

SKA_E1_NDT_50 pin= 18, code=292 290 287 285 283 279

SKA_E1_NDT_65 pin= 18, code=292 289 286 283 280 ---

SKA_E1_NDT_20 pin= 22, code=292 291 289 288 287 285

SKA_E1_NDT_35 pin= 22, code=290 289 287 285 283 280

SKA_E1_NDT_50 pin= 22, code=289 287 284 282 280 275

SKA_E1_NDT_65 pin= 22, code=289 286 283 280 276 ---

SKA_E1_NDT_20 pin= 26, code=288 287 286 284 283 281

SKA_E1_NDT_35 pin= 26, code=286 285 282 281 279 275

SKA_E1_NDT_50 pin= 26, code=285 283 280 277 275 271

SKA_E1_NDT_65 pin= 26, code=285 282 278 275 272 ---

SKA_E1_NDT_20 pin= 30, code=286 284 283 282 280 278

SKA_E1_NDT_35 pin= 30, code=284 282 280 278 276 273

SKA_E1_NDT_50 pin= 30, code=282 280 277 275 273 268

SKA_E1_NDT_65 pin= 30, code=282 279 276 273 269 ---

SKA_E1_NDT_20 pin= 34, code=298 296 295 294 292 290

SKA_E1_NDT_35 pin= 34, code=296 294 292 290 288 285

SKA_E1_NDT_50 pin= 34, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 34, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 38, code=298 296 295 294 292 290
SKA_E1_NDT_35 pin= 38, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin= 38, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 38, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 42, code=300 299 298 296 295 293
SKA_E1_NDT_35 pin= 42, code=298 297 294 292 291 288
SKA_E1_NDT_50 pin= 42, code=297 294 292 289 288 284
SKA_E1_NDT_65 pin= 42, code=296 293 290 287 285 ---
SKA_E1_NDT_20 pin= 46, code=303 302 301 299 298 296
SKA_E1_NDT_35 pin= 46, code=301 300 298 295 294 291
SKA_E1_NDT_50 pin= 46, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin= 46, code=300 296 293 291 288 ---
SKA_E1_NDT_20 pin= 50, code=296 295 293 292 291 289
SKA_E1_NDT_35 pin= 50, code=294 292 290 288 287 284
SKA_E1_NDT_50 pin= 50, code=293 290 288 286 283 279
SKA_E1_NDT_65 pin= 50, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 54, code=295 293 292 291 290 287
SKA_E1_NDT_35 pin= 54, code=293 291 289 287 285 282
SKA_E1_NDT_50 pin= 54, code=291 289 286 284 282 278
SKA_E1_NDT_65 pin= 54, code=291 288 285 282 279 ---
SKA_E1_NDT_20 pin=130, code=301 300 298 297 296 294
SKA_E1_NDT_35 pin=130, code=299 298 296 293 292 289
SKA_E1_NDT_50 pin=130, code=298 296 293 291 288 285
SKA_E1_NDT_65 pin=130, code=298 294 291 288 286 ---
SKA_E1_NDT_20 pin=134, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin=134, code=295 293 291 289 288 285
SKA_E1_NDT_50 pin=134, code=294 291 288 286 284 280
SKA_E1_NDT_65 pin=134, code=293 290 287 285 282 ---
SKA_E1_NDT_20 pin=138, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin=138, code=298 296 294 292 291 288
SKA_E1_NDT_50 pin=138, code=297 294 291 289 287 284
SKA_E1_NDT_65 pin=138, code=297 293 290 287 285 ---
SKA_E1_NDT_20 pin=142, code=300 298 297 296 294 292
SKA_E1_NDT_35 pin=142, code=298 296 294 292 290 287

SKA_E1_NDT_50 pin=142, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=142, code=296 292 290 287 284 ---
SKA_E1_NDT_20 pin=146, code=298 297 295 294 293 291
SKA_E1_NDT_35 pin=146, code=296 295 292 291 289 286
SKA_E1_NDT_50 pin=146, code=295 293 290 288 286 282
SKA_E1_NDT_65 pin=146, code=295 291 288 286 283 ---
SKA_E1_NDT_20 pin=150, code=292 291 289 288 287 285
SKA_E1_NDT_35 pin=150, code=290 288 287 285 283 280
SKA_E1_NDT_50 pin=150, code=289 287 284 282 280 276
SKA_E1_NDT_65 pin=150, code=289 286 283 280 277 ---
SKA_E1_NDT_20 pin=154, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin=154, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin=154, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=154, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=158, code=299 298 296 295 294 291
SKA_E1_NDT_35 pin=158, code=297 295 293 291 289 287
SKA_E1_NDT_50 pin=158, code=296 293 291 288 286 282
SKA_E1_NDT_65 pin=158, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin=162, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin=162, code=296 294 292 290 288 286
SKA_E1_NDT_50 pin=162, code=295 292 290 287 285 281
SKA_E1_NDT_65 pin=162, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin=166, code=297 296 294 293 292 290
SKA_E1_NDT_35 pin=166, code=295 293 291 289 288 285
SKA_E1_NDT_50 pin=166, code=294 291 289 287 285 281
SKA_E1_NDT_65 pin=166, code=294 290 287 285 282 ---
SKA_E1_NDT_20 pin=170, code=326 324 322 320 320 320
SKA_E1_NDT_35 pin=170, code=323 321 320 320 319 319
SKA_E1_NDT_50 pin=170, code=322 320 320 319 319 319
SKA_E1_NDT_65 pin=170, code=321 320 319 319 319 ---
SKA_E1_NDT_20 pin=174, code=300 299 298 296 295 293
SKA_E1_NDT_35 pin=174, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=174, code=298 295 292 290 288 284
SKA_E1_NDT_65 pin=174, code=299 295 291 288 285 ---
SKA_E1_NDT_20 pin=178, code= 0 0 0 0 0 0
SKA_E1_NDT_35 pin=178, code= 0 0 0 0 0 0

SKA_E1_NDT_50 pin=178, code= 0 0 0 0 0 0
SKA_E1_NDT_65 pin=178, code= 0 0 0 0 0 ---
SKA_E1_NDT_20 pin=182, code=323 322 320 320 320 319
SKA_E1_NDT_35 pin=182, code=321 320 320 319 319 319
SKA_E1_NDT_50 pin=182, code=320 320 319 319 319 318
SKA_E1_NDT_65 pin=182, code=320 320 319 319 319 ---
F SKA_E2_NDT_20_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_50_7V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_7V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_7V pin=178, code=511, Llim= 0, Ulim=495

SKA_E2_NDT_35 pin= 2, code=295 291 288 285 283 ---
SKA_E2_NDT_50 pin= 2, code=295 293 290 287 285 281
SKA_E2_NDT_65 pin= 2, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin= 2, code=298 297 296 294 293 291
SKA_E2_NDT_35 pin= 6, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin= 6, code=297 295 292 289 287 283
SKA_E2_NDT_65 pin= 6, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 6, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin= 10, code=289 286 283 280 277 ---
SKA_E2_NDT_50 pin= 10, code=290 287 284 281 279 275
SKA_E2_NDT_65 pin= 10, code=291 289 287 285 283 280
SKA_E2_NDT_80 pin= 10, code=292 291 290 289 288 285
SKA_E2_NDT_35 pin= 14, code=290 287 284 282 279 ---
SKA_E2_NDT_50 pin= 14, code=291 289 286 283 281 277
SKA_E2_NDT_65 pin= 14, code=293 291 289 287 285 281
SKA_E2_NDT_80 pin= 14, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin= 18, code=291 287 285 282 279 ---
SKA_E2_NDT_50 pin= 18, code=291 289 286 283 281 277
SKA_E2_NDT_65 pin= 18, code=293 291 289 287 285 282
SKA_E2_NDT_80 pin= 18, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin= 22, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin= 22, code=288 285 283 279 277 274
SKA_E2_NDT_65 pin= 22, code=289 287 286 284 281 278
SKA_E2_NDT_80 pin= 22, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin= 26, code=283 280 276 274 271 ---
SKA_E2_NDT_50 pin= 26, code=284 281 278 275 273 269
SKA_E2_NDT_65 pin= 26, code=285 283 281 279 277 274
SKA_E2_NDT_80 pin= 26, code=287 285 284 283 282 279
SKA_E2_NDT_35 pin= 30, code=281 278 275 272 269 ---
SKA_E2_NDT_50 pin= 30, code=282 280 277 274 271 268
SKA_E2_NDT_65 pin= 30, code=283 282 280 278 275 272
SKA_E2_NDT_80 pin= 30, code=285 284 282 281 280 278
SKA_E2_NDT_35 pin= 34, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 34, code=294 291 288 286 283 280
SKA_E2_NDT_65 pin= 34, code=295 293 292 290 287 284
SKA_E2_NDT_80 pin= 34, code=297 296 294 293 292 289

SKA_E2_NDT_35 pin= 38, code=292 289 286 283 281 ---
SKA_E2_NDT_50 pin= 38, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin= 38, code=294 293 291 289 287 283
SKA_E2_NDT_80 pin= 38, code=296 295 293 292 291 288
SKA_E2_NDT_35 pin= 42, code=294 291 288 285 283 ---
SKA_E2_NDT_50 pin= 42, code=295 293 290 287 284 281
SKA_E2_NDT_65 pin= 42, code=297 295 293 291 288 285
SKA_E2_NDT_80 pin= 42, code=298 297 296 295 294 291
SKA_E2_NDT_35 pin= 46, code=298 294 291 289 287 ---
SKA_E2_NDT_50 pin= 46, code=299 296 293 290 288 285
SKA_E2_NDT_65 pin= 46, code=300 298 296 294 292 289
SKA_E2_NDT_80 pin= 46, code=302 300 299 298 297 294
SKA_E2_NDT_35 pin= 50, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 50, code=292 289 287 284 281 278
SKA_E2_NDT_65 pin= 50, code=293 291 289 288 285 282
SKA_E2_NDT_80 pin= 50, code=295 293 292 291 290 287
SKA_E2_NDT_35 pin= 54, code=289 286 284 281 278 ---
SKA_E2_NDT_50 pin= 54, code=291 288 285 283 280 277
SKA_E2_NDT_65 pin= 54, code=292 290 288 286 284 281
SKA_E2_NDT_80 pin= 54, code=293 292 291 290 289 286
SKA_E2_NDT_35 pin=130, code=296 293 290 287 285 ---
SKA_E2_NDT_50 pin=130, code=297 295 292 289 286 283
SKA_E2_NDT_65 pin=130, code=298 297 295 293 290 287
SKA_E2_NDT_80 pin=130, code=300 299 297 296 295 293
SKA_E2_NDT_35 pin=134, code=292 289 286 283 280 ---
SKA_E2_NDT_50 pin=134, code=293 290 287 284 282 279
SKA_E2_NDT_65 pin=134, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin=134, code=296 294 293 292 291 288
SKA_E2_NDT_35 pin=138, code=295 291 288 286 283 ---
SKA_E2_NDT_50 pin=138, code=296 293 290 287 285 281
SKA_E2_NDT_65 pin=138, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin=138, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin=142, code=295 291 288 285 283 ---
SKA_E2_NDT_50 pin=142, code=296 293 290 287 285 281
SKA_E2_NDT_65 pin=142, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin=142, code=299 297 296 295 294 291

SKA_E2_NDT_35 pin=146, code=294 290 287 285 282 ---
SKA_E2_NDT_50 pin=146, code=294 292 289 287 284 281
SKA_E2_NDT_65 pin=146, code=296 294 292 290 288 285
SKA_E2_NDT_80 pin=146, code=297 296 295 293 293 290
SKA_E2_NDT_35 pin=150, code=287 283 281 278 275 ---
SKA_E2_NDT_50 pin=150, code=287 285 282 279 277 273
SKA_E2_NDT_65 pin=150, code=288 287 285 283 281 277
SKA_E2_NDT_80 pin=150, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin=154, code=297 294 291 288 286 ---
SKA_E2_NDT_50 pin=154, code=298 295 292 290 287 284
SKA_E2_NDT_65 pin=154, code=299 297 296 293 291 288
SKA_E2_NDT_80 pin=154, code=301 300 298 297 296 293
SKA_E2_NDT_35 pin=158, code=295 291 288 285 283 ---
SKA_E2_NDT_50 pin=158, code=296 293 290 287 285 282
SKA_E2_NDT_65 pin=158, code=297 295 293 291 289 286
SKA_E2_NDT_80 pin=158, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin=162, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin=162, code=294 291 288 286 283 280
SKA_E2_NDT_65 pin=162, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin=162, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin=166, code=292 289 286 283 281 ---
SKA_E2_NDT_50 pin=166, code=293 290 288 285 283 279
SKA_E2_NDT_65 pin=166, code=294 292 290 288 287 283
SKA_E2_NDT_80 pin=166, code=296 294 293 292 291 288
SKA_E2_NDT_35 pin=170, code=320 320 319 319 317 ---
SKA_E2_NDT_50 pin=170, code=321 320 319 319 319 315
SKA_E2_NDT_65 pin=170, code=323 320 320 319 319 319
SKA_E2_NDT_80 pin=170, code=324 323 321 320 320 319
SKA_E2_NDT_35 pin=174, code=296 293 290 287 285 ---
SKA_E2_NDT_50 pin=174, code=298 295 292 289 287 283
SKA_E2_NDT_65 pin=174, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin=174, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin=178, code=511 511 511 511 511 ---
SKA_E2_NDT_50 pin=178, code=511 511 511 511 511 511
SKA_E2_NDT_65 pin=178, code=511 511 511 511 511 511
SKA_E2_NDT_80 pin=178, code=511 511 511 511 511 511

F SKA_E2_NDT_20_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_35_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_50_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_65_at0V pin=178, code=511, Ulim=495 : ShortMargin
SKA_E2_NDT_35 pin=182, code=320 319 319 319 319 ---
SKA_E2_NDT_50 pin=182, code=320 320 319 319 319 318
SKA_E2_NDT_65 pin=182, code=321 320 320 319 319 319
SKA_E2_NDT_80 pin=182, code=323 321 320 320 320 319
F SKA_E5_DT_20_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_7V pin=178, code= 0, Llim= 0, Ulim=495

F SKA_E5_DT_65_7V pin=178, code=511, Llim= 0, Ulim=495

F SKA_E5_DT_80_7V pin=178, code=511, Llim= 0, Ulim=495

SKA_E5_DT_20 pin= 2, code=291 289 288 287 286 283

SKA_E5_DT_35 pin= 2, code=289 287 285 283 281 278

SKA_E5_DT_50 pin= 2, code=287 285 282 280 278 274

SKA_E5_DT_65 pin= 2, code=287 284 281 278 275 ---

SKA_E5_DT_20 pin= 6, code=292 291 289 288 287 285

SKA_E5_DT_35 pin= 6, code=290 288 287 285 283 280

SKA_E5_DT_50 pin= 6, code=289 287 284 282 280 275

SKA_E5_DT_65 pin= 6, code=288 285 282 279 277 ---

SKA_E5_DT_20 pin= 10, code=285 284 283 281 280 278

SKA_E5_DT_35 pin= 10, code=283 282 280 277 276 273

SKA_E5_DT_50 pin= 10, code=282 280 277 275 272 268

SKA_E5_DT_65 pin= 10, code=282 278 275 272 269 ---

SKA_E5_DT_20 pin= 14, code=288 287 285 284 283 281

SKA_E5_DT_35 pin= 14, code=286 285 282 280 279 275

SKA_E5_DT_50 pin= 14, code=285 283 280 277 275 271

SKA_E5_DT_65 pin= 14, code=285 281 278 275 272 ---

SKA_E5_DT_20 pin= 18, code=287 286 284 283 282 279

SKA_E5_DT_35 pin= 18, code=285 283 281 279 277 274

SKA_E5_DT_50 pin= 18, code=283 281 278 276 274 270

SKA_E5_DT_65 pin= 18, code=284 280 277 274 271 ---

SKA_E5_DT_20 pin= 22, code=283 282 280 279 278 275

SKA_E5_DT_35 pin= 22, code=281 279 277 275 273 270

SKA_E5_DT_50 pin= 22, code=280 277 274 272 270 266

SKA_E5_DT_65 pin= 22, code=280 276 273 270 267 ---

SKA_E5_DT_20 pin= 26, code=277 275 274 273 272 269

SKA_E5_DT_35 pin= 26, code=275 273 271 269 267 264

SKA_E5_DT_50 pin= 26, code=274 271 268 266 264 259

SKA_E5_DT_65 pin= 26, code=273 270 267 264 261 ---

SKA_E5_DT_20 pin= 30, code=275 274 272 271 270 267

SKA_E5_DT_35 pin= 30, code=273 271 269 267 265 262

SKA_E5_DT_50 pin= 30, code=272 269 266 264 262 258

SKA_E5_DT_65 pin= 30, code=271 268 265 262 259 ---

SKA_E5_DT_20 pin= 34, code=289 287 286 285 283 281

SKA_E5_DT_35 pin= 34, code=287 285 283 281 279 276

SKA_E5_DT_50 pin= 34, code=285 283 280 278 276 271
SKA_E5_DT_65 pin= 34, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin= 38, code=289 287 286 285 284 281
SKA_E5_DT_35 pin= 38, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 38, code=286 283 281 278 276 272
SKA_E5_DT_65 pin= 38, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin= 42, code=291 290 289 287 286 284
SKA_E5_DT_35 pin= 42, code=289 288 286 284 282 279
SKA_E5_DT_50 pin= 42, code=288 286 283 281 279 275
SKA_E5_DT_65 pin= 42, code=288 284 282 279 276 ---
SKA_E5_DT_20 pin= 46, code=294 292 291 290 289 286
SKA_E5_DT_35 pin= 46, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 46, code=290 288 285 283 281 277
SKA_E5_DT_65 pin= 46, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 50, code=286 285 283 282 281 279
SKA_E5_DT_35 pin= 50, code=284 283 281 279 277 274
SKA_E5_DT_50 pin= 50, code=283 281 278 276 274 269
SKA_E5_DT_65 pin= 50, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin= 54, code=285 284 282 281 280 277
SKA_E5_DT_35 pin= 54, code=283 281 279 277 276 272
SKA_E5_DT_50 pin= 54, code=282 279 277 274 272 268
SKA_E5_DT_65 pin= 54, code=281 278 275 272 269 ---
SKA_E5_DT_20 pin=130, code=292 291 289 288 287 285
SKA_E5_DT_35 pin=130, code=290 288 286 284 283 279
SKA_E5_DT_50 pin=130, code=289 287 284 282 279 275
SKA_E5_DT_65 pin=130, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=134, code=288 287 286 284 283 281
SKA_E5_DT_35 pin=134, code=287 285 283 281 279 276
SKA_E5_DT_50 pin=134, code=285 283 280 278 276 271
SKA_E5_DT_65 pin=134, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin=138, code=291 290 288 287 286 284
SKA_E5_DT_35 pin=138, code=289 287 285 283 282 279
SKA_E5_DT_50 pin=138, code=288 285 283 280 278 274
SKA_E5_DT_65 pin=138, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=142, code=290 289 288 286 285 283
SKA_E5_DT_35 pin=142, code=288 287 285 283 281 278

SKA_E5_DT_50 pin=142, code=287 285 282 280 278 273
SKA_E5_DT_65 pin=142, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=146, code=289 288 287 285 284 282
SKA_E5_DT_35 pin=146, code=287 286 284 282 280 277
SKA_E5_DT_50 pin=146, code=286 284 281 279 277 272
SKA_E5_DT_65 pin=146, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=150, code=283 282 280 279 278 276
SKA_E5_DT_35 pin=150, code=281 279 277 275 274 270
SKA_E5_DT_50 pin=150, code=280 278 275 272 270 266
SKA_E5_DT_65 pin=150, code=280 276 273 270 267 ---
SKA_E5_DT_20 pin=154, code=294 292 291 290 288 286
SKA_E5_DT_35 pin=154, code=292 290 288 286 284 281
SKA_E5_DT_50 pin=154, code=290 288 285 283 281 277
SKA_E5_DT_65 pin=154, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=158, code=290 289 287 286 285 282
SKA_E5_DT_35 pin=158, code=288 286 284 282 281 277
SKA_E5_DT_50 pin=158, code=287 284 282 279 277 273
SKA_E5_DT_65 pin=158, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=162, code=289 288 286 285 284 281
SKA_E5_DT_35 pin=162, code=287 285 283 281 279 276
SKA_E5_DT_50 pin=162, code=286 283 281 278 276 272
SKA_E5_DT_65 pin=162, code=286 282 279 276 273 ---
SKA_E5_DT_20 pin=166, code=288 287 285 284 283 281
SKA_E5_DT_35 pin=166, code=286 284 282 280 278 275
SKA_E5_DT_50 pin=166, code=284 282 279 277 275 271
SKA_E5_DT_65 pin=166, code=284 281 278 275 272 ---
SKA_E5_DT_20 pin=170, code=320 320 319 319 319 319
SKA_E5_DT_35 pin=170, code=319 319 319 319 317 314
SKA_E5_DT_50 pin=170, code=319 319 318 316 313 309
SKA_E5_DT_65 pin=170, code=319 319 317 313 310 ---
SKA_E5_DT_20 pin=174, code=305 304 302 301 300 297
SKA_E5_DT_35 pin=174, code=304 301 299 297 295 292
SKA_E5_DT_50 pin=174, code=303 300 297 294 292 287
SKA_E5_DT_65 pin=174, code=303 299 295 292 289 ---
SKA_E5_DT_20 pin=178, code= 0 0 0 0 0 0
SKA_E5_DT_35 pin=178, code= 0 0 0 0 0 0

SKA_E5_DT_50 pin=178, code= 0 0 0 0 0 0
SKA_E5_DT_65 pin=178, code= 0 0 0 0 0 ---
SKA_E5_DT_20 pin=182, code=320 320 320 319 319 319
SKA_E5_DT_35 pin=182, code=320 319 319 319 319 315
SKA_E5_DT_50 pin=182, code=319 319 319 317 315 309
SKA_E5_DT_65 pin=182, code=319 319 319 315 311 ---
F SKA_E6_DT_20_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_50_7V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_7V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_7V pin=178, code=511, Llim= 0, Ulim=495

SKA_E6_DT_35 pin= 2, code=289 285 282 279 276 ---
SKA_E6_DT_50 pin= 2, code=289 287 284 281 279 275
SKA_E6_DT_65 pin= 2, code=291 289 287 285 283 279
SKA_E6_DT_80 pin= 2, code=292 291 290 288 287 285
SKA_E6_DT_35 pin= 6, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin= 6, code=291 289 286 283 280 277
SKA_E6_DT_65 pin= 6, code=292 290 289 287 285 281
SKA_E6_DT_80 pin= 6, code=294 293 291 290 289 287
SKA_E6_DT_35 pin= 10, code=283 279 276 274 271 ---
SKA_E6_DT_50 pin= 10, code=284 281 278 275 273 269
SKA_E6_DT_65 pin= 10, code=285 283 281 279 277 273
SKA_E6_DT_80 pin= 10, code=286 285 284 283 282 279
SKA_E6_DT_35 pin= 14, code=285 282 279 276 274 ---
SKA_E6_DT_50 pin= 14, code=286 284 281 278 275 272
SKA_E6_DT_65 pin= 14, code=288 286 284 282 280 276
SKA_E6_DT_80 pin= 14, code=289 288 287 286 285 282
SKA_E6_DT_35 pin= 18, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin= 18, code=285 283 280 277 274 271
SKA_E6_DT_65 pin= 18, code=286 284 283 281 278 275
SKA_E6_DT_80 pin= 18, code=288 287 285 284 283 281
SKA_E6_DT_35 pin= 22, code=281 277 274 271 268 ---
SKA_E6_DT_50 pin= 22, code=282 279 276 273 270 267
SKA_E6_DT_65 pin= 22, code=283 281 279 277 275 271
SKA_E6_DT_80 pin= 22, code=284 283 282 281 280 277
SKA_E6_DT_35 pin= 26, code=275 271 268 265 263 ---
SKA_E6_DT_50 pin= 26, code=275 273 270 267 264 261
SKA_E6_DT_65 pin= 26, code=277 275 273 271 268 265
SKA_E6_DT_80 pin= 26, code=278 277 276 275 274 271
SKA_E6_DT_35 pin= 30, code=273 270 267 264 261 ---
SKA_E6_DT_50 pin= 30, code=274 272 269 266 263 260
SKA_E6_DT_65 pin= 30, code=276 274 272 270 267 264
SKA_E6_DT_80 pin= 30, code=277 276 275 273 273 270
SKA_E6_DT_35 pin= 34, code=286 283 279 276 273 ---
SKA_E6_DT_50 pin= 34, code=287 284 281 278 275 272
SKA_E6_DT_65 pin= 34, code=288 286 284 282 280 276
SKA_E6_DT_80 pin= 34, code=289 288 287 286 285 282

SKA_E6_DT_35 pin= 38, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin= 38, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 38, code=288 287 285 283 280 277
SKA_E6_DT_80 pin= 38, code=290 288 287 286 285 283
SKA_E6_DT_35 pin= 42, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin= 42, code=289 287 284 281 278 275
SKA_E6_DT_65 pin= 42, code=291 289 287 285 283 279
SKA_E6_DT_80 pin= 42, code=292 291 290 289 288 285
SKA_E6_DT_35 pin= 46, code=291 288 285 282 280 ---
SKA_E6_DT_50 pin= 46, code=292 290 287 284 282 278
SKA_E6_DT_65 pin= 46, code=293 292 290 288 286 283
SKA_E6_DT_80 pin= 46, code=295 294 293 291 290 288
SKA_E6_DT_35 pin= 50, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin= 50, code=285 283 280 277 274 270
SKA_E6_DT_65 pin= 50, code=286 284 283 281 278 275
SKA_E6_DT_80 pin= 50, code=288 286 285 284 283 281
SKA_E6_DT_35 pin= 54, code=283 279 276 274 271 ---
SKA_E6_DT_50 pin= 54, code=284 281 278 275 273 269
SKA_E6_DT_65 pin= 54, code=285 283 281 279 277 274
SKA_E6_DT_80 pin= 54, code=286 285 284 283 282 279
SKA_E6_DT_35 pin=130, code=290 286 283 281 278 ---
SKA_E6_DT_50 pin=130, code=291 288 285 282 280 276
SKA_E6_DT_65 pin=130, code=292 290 288 286 284 281
SKA_E6_DT_80 pin=130, code=293 292 291 290 289 286
SKA_E6_DT_35 pin=134, code=285 283 279 276 274 ---
SKA_E6_DT_50 pin=134, code=287 284 281 278 275 272
SKA_E6_DT_65 pin=134, code=288 286 284 282 280 276
SKA_E6_DT_80 pin=134, code=289 288 287 286 285 282
SKA_E6_DT_35 pin=138, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin=138, code=290 287 284 282 279 276
SKA_E6_DT_65 pin=138, code=291 289 287 286 283 280
SKA_E6_DT_80 pin=138, code=293 291 290 289 288 285
SKA_E6_DT_35 pin=142, code=288 285 282 278 276 ---
SKA_E6_DT_50 pin=142, code=289 286 284 281 278 274
SKA_E6_DT_65 pin=142, code=290 288 286 284 282 279
SKA_E6_DT_80 pin=142, code=292 290 289 288 287 285

SKA_E6_DT_35 pin=146, code=287 284 281 278 275 ---
SKA_E6_DT_50 pin=146, code=288 286 283 280 277 274
SKA_E6_DT_65 pin=146, code=289 287 286 284 281 278
SKA_E6_DT_80 pin=146, code=291 289 288 287 286 284
SKA_E6_DT_35 pin=150, code=280 277 274 271 268 ---
SKA_E6_DT_50 pin=150, code=281 278 275 273 270 266
SKA_E6_DT_65 pin=150, code=282 280 278 277 274 271
SKA_E6_DT_80 pin=150, code=284 282 281 280 279 276
SKA_E6_DT_35 pin=154, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin=154, code=291 289 286 284 281 277
SKA_E6_DT_65 pin=154, code=293 291 289 287 285 282
SKA_E6_DT_80 pin=154, code=294 293 292 290 289 287
SKA_E6_DT_35 pin=158, code=288 285 281 278 276 ---
SKA_E6_DT_50 pin=158, code=289 286 283 280 278 274
SKA_E6_DT_65 pin=158, code=290 288 286 285 282 279
SKA_E6_DT_80 pin=158, code=291 290 289 288 287 284
SKA_E6_DT_35 pin=162, code=287 284 281 278 275 ---
SKA_E6_DT_50 pin=162, code=288 286 283 280 277 274
SKA_E6_DT_65 pin=162, code=289 288 286 284 281 278
SKA_E6_DT_80 pin=162, code=291 290 288 287 286 284
SKA_E6_DT_35 pin=166, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin=166, code=286 284 281 278 276 272
SKA_E6_DT_65 pin=166, code=287 286 284 282 280 276
SKA_E6_DT_80 pin=166, code=289 288 287 285 284 282
SKA_E6_DT_35 pin=170, code=319 319 318 314 311 ---
SKA_E6_DT_50 pin=170, code=319 319 319 316 313 310
SKA_E6_DT_65 pin=170, code=320 319 319 319 318 314
SKA_E6_DT_80 pin=170, code=320 320 320 319 319 319
SKA_E6_DT_35 pin=174, code=294 291 288 285 282 ---
SKA_E6_DT_50 pin=174, code=296 293 290 287 284 281
SKA_E6_DT_65 pin=174, code=297 295 293 291 288 285
SKA_E6_DT_80 pin=174, code=298 297 296 295 294 291
SKA_E6_DT_35 pin=178, code=511 511 511 511 511 ---
SKA_E6_DT_50 pin=178, code=511 511 511 511 511 511
SKA_E6_DT_65 pin=178, code=511 511 511 511 511 511
SKA_E6_DT_80 pin=178, code=511 511 511 511 511 511

F SKA_E6_DT_20_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_35_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_50_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_65_at0V pin=178, code=511, Ulim=495 : ShortMargin
SKA_E6_DT_35 pin=182, code=319 319 319 315 312 ---
SKA_E6_DT_50 pin=182, code=319 319 319 318 315 310
SKA_E6_DT_65 pin=182, code=320 319 319 319 319 315
SKA_E6_DT_80 pin=182, code=320 320 320 319 319 319
F SKA_E3_N_TR pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_N_TF pin=178, code=511, Llim= 0, Ulim=495
SKA_E3_N pin= 2, code=186 (TR=188, TF=186)
SKA_E3_N pin= 6, code=187 (TR=190, TF=187)
SKA_E3_N pin= 10, code=179 (TR=179, TF=179)
SKA_E3_N pin= 14, code=181 (TR=182, TF=181)
SKA_E3_N pin= 18, code=180 (TR=181, TF=180)
SKA_E3_N pin= 22, code=169 (TR=171, TF=169)
SKA_E3_N pin= 26, code=168 (TR=170, TF=168)
SKA_E3_N pin= 30, code=166 (TR=167, TF=166)
SKA_E3_N pin= 34, code=181 (TR=181, TF=181)
SKA_E3_N pin= 38, code=181 (TR=183, TF=181)
SKA_E3_N pin= 42, code=184 (TR=184, TF=184)
SKA_E3_N pin= 46, code=192 (TR=194, TF=192)
SKA_E3_N pin= 50, code=178 (TR=179, TF=178)
SKA_E3_N pin= 54, code=176 (TR=177, TF=176)
SKA_E3_N pin=130, code=189 (TR=189, TF=189)
SKA_E3_N pin=134, code=183 (TR=184, TF=183)
SKA_E3_N pin=138, code=187 (TR=188, TF=187)
SKA_E3_N pin=142, code=184 (TR=186, TF=184)
SKA_E3_N pin=146, code=184 (TR=184, TF=184)
SKA_E3_N pin=150, code=171 (TR=173, TF=171)
SKA_E3_N pin=154, code=190 (TR=192, TF=190)
SKA_E3_N pin=158, code=185 (TR=186, TF=185)
SKA_E3_N pin=162, code=184 (TR=185, TF=184)
SKA_E3_N pin=166, code=181 (TR=182, TF=181)
SKA_E3_N pin=170, code=234 (TR=234, TF=235)
SKA_E3_N pin=174, code=205 (TR=211, TF=205)

SKA_E3_N pin=178, code= 0 (TR= 0, TF=511)

SKA_E3_N pin=182, code=232 (TR=232, TF=234)

F SKW_E3_N_DRDS_20_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_1V pin=178, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_2V pin=178, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_3V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_3V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_3V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_3V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_3V pin=178, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_4V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_4V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_4V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_4V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_4V pin=178, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_5V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_5V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_5V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_5V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_5V pin=178, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_20_7V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_35_7V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_50_7V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_65_7V pin=178, code=511, Llim= 0, Ulim= 63
F SKW_E3_N_DRDS_80_7V pin=178, code=511, Llim= 0, Ulim= 63
SKW_E3_N_DRDS_20 pin= 2, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 2, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 2, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 2, code= 13 11 10 9 7 ---

SKW_E3_N_DRDS_20 pin= 6, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin= 6, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 6, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 6, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 10, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 10, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 10, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 10, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 14, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 14, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 14, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 14, code= 13 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 18, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin= 18, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 18, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 18, code= 13 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 22, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 22, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 22, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 22, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 26, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin= 26, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 26, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 26, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 30, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 30, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 30, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 30, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 34, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 34, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 34, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 34, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 38, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 38, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 38, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 38, code= 13 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= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 46, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 46, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 46, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 50, code= 14 13 13 12 12 11
SKW_E3_N_DRDS_35 pin= 50, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 50, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 50, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 54, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 54, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 54, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 54, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=130, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=130, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=130, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=130, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=134, code= 14 14 13 12 12 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 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=138, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=138, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=138, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=138, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=142, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=142, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=142, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=142, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=146, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=146, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=146, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=146, code= 12 10 9 7 6 ---

SKW_E3_N_DRDS_20 pin=150, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=150, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=150, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=150, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=154, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin=154, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=154, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=154, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=158, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin=158, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=158, code= 12 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 12 10
SKW_E3_N_DRDS_35 pin=162, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=162, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=162, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=166, code= 14 13 13 12 12 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 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=170, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=170, code= 12 11 11 10 9 8
SKW_E3_N_DRDS_50 pin=170, code= 12 11 9 8 8 6
SKW_E3_N_DRDS_65 pin=170, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=174, code= 16 15 14 14 13 12
SKW_E3_N_DRDS_35 pin=174, code= 15 14 13 12 11 9
SKW_E3_N_DRDS_50 pin=174, code= 14 13 12 10 10 8
SKW_E3_N_DRDS_65 pin=174, code= 15 13 11 10 8 ---
SKW_E3_N_DRDS_20 pin=178, code= 0 0 0 0 0 0
SKW_E3_N_DRDS_35 pin=178, code= 0 0 0 0 0 0
SKW_E3_N_DRDS_50 pin=178, code= 0 0 0 0 0 0
SKW_E3_N_DRDS_65 pin=178, code= 0 0 0 0 0 ---
SKW_E3_N_DRDS_20 pin=182, code= 14 14 13 12 11 10
SKW_E3_N_DRDS_35 pin=182, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=182, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=182, code= 12 11 9 8 6 ---

F SKW_E3_N_DRDR_20_1V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_2V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_3V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_7V pin=178, code= 63, Llim= 0, Ulim= 63
 SKW_E3_N_DRDR_35 pin= 2, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 2, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 2, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 2, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin= 6, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 6, code= 12 11 10 8 7 5

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

SKW_E3_N_DRDR_65 pin= 42, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 42, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 46, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 46, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 46, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 46, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 50, code= 11 10 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= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 54, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 54, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 54, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=130, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=130, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=130, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=130, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=134, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=134, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=134, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=134, code= 14 13 12 12 12 10
SKW_E3_N_DRDR_35 pin=138, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=138, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=138, code= 12 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= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=142, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin=142, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=142, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=146, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=146, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=146, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=146, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=150, code= 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= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin=154, code= 12 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin=154, code= 12 11 10 10 9 7
 SKW_E3_N_DRDR_80 pin=154, code= 13 12 12 11 11 10
 SKW_E3_N_DRDR_35 pin=158, code= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin=158, code= 11 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin=158, code= 12 11 10 10 9 7
 SKW_E3_N_DRDR_80 pin=158, code= 13 12 12 11 11 9
 SKW_E3_N_DRDR_35 pin=162, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=162, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=162, code= 12 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=162, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin=166, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=166, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=166, code= 12 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=166, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin=170, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=170, code= 12 11 10 8 7 5
 SKW_E3_N_DRDR_65 pin=170, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=170, code= 13 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin=174, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=174, code= 12 11 10 8 7 5
 SKW_E3_N_DRDR_65 pin=174, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=174, code= 13 13 13 12 11 10
 SKW_E3_N_DRDR_35 pin=178, code= 63 63 63 63 63 ---
 SKW_E3_N_DRDR_50 pin=178, code= 63 63 63 63 63 63
 SKW_E3_N_DRDR_65 pin=178, code= 63 63 63 63 63 63
 SKW_E3_N_DRDR_80 pin=178, code= 63 63 63 63 63 63
 SKW_E3_N_DRDR_35 pin=182, code= 12 11 9 8 7 ---
 SKW_E3_N_DRDR_50 pin=182, code= 13 12 10 9 8 6
 SKW_E3_N_DRDR_65 pin=182, code= 13 13 11 11 10 8
 SKW_E3_N_DRDR_80 pin=182, code= 14 13 13 12 12 11
 F SKA_E3_D_TR pin=178, code= 0, Llim= 0, Ulim=495
 F SKA_E3_D_TF pin=178, code=511, Llim= 0, Ulim=495

SKA_E3_D pin= 2, code=171 (TR=171, TF=171)
SKA_E3_D pin= 6, code=176 (TR=176, TF=176)
SKA_E3_D pin= 10, code=164 (TR=164, TF=165)
SKA_E3_D pin= 14, code=166 (TR=166, TF=167)
SKA_E3_D pin= 18, code=164 (TR=164, TF=164)
SKA_E3_D pin= 22, code=156 (TR=156, TF=157)
SKA_E3_D pin= 26, code=154 (TR=154, TF=155)
SKA_E3_D pin= 30, code=151 (TR=152, TF=151)
SKA_E3_D pin= 34, code=166 (TR=166, TF=168)
SKA_E3_D pin= 38, code=167 (TR=167, TF=168)
SKA_E3_D pin= 42, code=168 (TR=168, TF=172)
SKA_E3_D pin= 46, code=177 (TR=177, TF=178)
SKA_E3_D pin= 50, code=165 (TR=165, TF=165)
SKA_E3_D pin= 54, code=162 (TR=162, TF=163)
SKA_E3_D pin=130, code=176 (TR=176, TF=176)
SKA_E3_D pin=134, code=170 (TR=170, TF=171)
SKA_E3_D pin=138, code=171 (TR=171, TF=172)
SKA_E3_D pin=142, code=170 (TR=170, TF=170)
SKA_E3_D pin=146, code=168 (TR=169, TF=168)
SKA_E3_D pin=150, code=158 (TR=158, TF=159)
SKA_E3_D pin=154, code=173 (TR=173, TF=175)
SKA_E3_D pin=158, code=170 (TR=170, TF=170)
SKA_E3_D pin=162, code=168 (TR=168, TF=170)
SKA_E3_D pin=166, code=167 (TR=167, TF=167)
SKA_E3_D pin=170, code=221 (TR=221, TF=223)
SKA_E3_D pin=174, code=191 (TR=192, TF=191)
SKA_E3_D pin=178, code= 0 (TR= 0, TF=511)
SKA_E3_D pin=182, code=217 (TR=217, TF=220)

F SKW_E3_D_DRES_20_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_1V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_20_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_2V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E3_D_DRES_65_2V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_3V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_3V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_3V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_3V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_7V pin=178, code= 63, Llim= 0, Ulim= 63
 SKW_E3_D_DRES_20 pin= 2, code= 14 13 13 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 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 6, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 6, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 6, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 6, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 10, code= 14 13 13 12 12 10
 SKW_E3_D_DRES_35 pin= 10, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 10, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 10, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 14, code= 14 13 13 12 12 10
 SKW_E3_D_DRES_35 pin= 14, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin= 14, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 14, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 18, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 18, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 18, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 18, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 22, code= 13 12 12 11 11 10
SKW_E3_D_DRES_35 pin= 22, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin= 22, code= 12 10 9 8 7 5
SKW_E3_D_DRES_65 pin= 22, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 26, code= 14 13 13 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 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 30, code= 14 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 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 34, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 34, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 34, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 38, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 38, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 38, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 38, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 42, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 42, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 42, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 42, code= 12 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 11 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 8

SKW_E3_D_DRES_50 pin= 50, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 50, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 54, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 54, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 54, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 54, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=130, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=130, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=130, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=130, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=134, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=134, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=134, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=134, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=138, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=138, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=138, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=138, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=142, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=142, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=142, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=142, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=146, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=146, code= 13 13 12 11 10 8
SKW_E3_D_DRES_50 pin=146, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=146, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=150, code= 14 13 13 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 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=154, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=154, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=154, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=154, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=158, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=158, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin=158, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=158, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin=162, code= 14 13 13 12 11 10
 SKW_E3_D_DRES_35 pin=162, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=162, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=162, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin=166, code= 13 13 12 11 11 10
 SKW_E3_D_DRES_35 pin=166, code= 12 12 11 10 9 7
 SKW_E3_D_DRES_50 pin=166, code= 12 11 9 8 7 6
 SKW_E3_D_DRES_65 pin=166, code= 12 10 9 7 6 ---
 SKW_E3_D_DRES_20 pin=170, code= 13 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=170, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=170, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=170, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin=174, code= 16 15 14 14 13 12
 SKW_E3_D_DRES_35 pin=174, code= 15 14 13 12 11 10
 SKW_E3_D_DRES_50 pin=174, code= 15 13 12 11 10 8
 SKW_E3_D_DRES_65 pin=174, code= 15 13 12 10 9 ---
 SKW_E3_D_DRES_20 pin=178, code= 0 0 0 0 0 0
 SKW_E3_D_DRES_35 pin=178, code= 0 0 0 0 0 0
 SKW_E3_D_DRES_50 pin=178, code= 0 0 0 0 0 0
 SKW_E3_D_DRES_65 pin=178, code= 0 0 0 0 0 ---
 SKW_E3_D_DRES_20 pin=182, code= 14 14 13 12 12 10
 SKW_E3_D_DRES_35 pin=182, code= 13 12 11 10 10 8
 SKW_E3_D_DRES_50 pin=182, code= 13 12 10 9 8 6
 SKW_E3_D_DRES_65 pin=182, code= 12 11 10 8 6 ---
 F SKW_E3_D_DRER_20_1V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_1V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_2V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_2V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_2V pin=178, code= 63, Llim= 0, Ulim= 63

F SKW_E3_D_DRER_20_3V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_3V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_7V pin=178, code= 63, Llim= 0, Ulim= 63
 SKW_E3_D_DRER_35 pin= 2, code= 11 10 8 7 6 ---
 SKW_E3_D_DRER_50 pin= 2, code= 12 11 9 8 7 5
 SKW_E3_D_DRER_65 pin= 2, code= 12 11 11 10 9 7
 SKW_E3_D_DRER_80 pin= 2, code= 13 13 12 11 11 10
 SKW_E3_D_DRER_35 pin= 6, code= 11 10 8 7 6 ---
 SKW_E3_D_DRER_50 pin= 6, code= 12 11 9 8 7 5
 SKW_E3_D_DRER_65 pin= 6, code= 12 11 11 10 9 7
 SKW_E3_D_DRER_80 pin= 6, code= 13 13 12 11 11 10
 SKW_E3_D_DRER_35 pin= 10, code= 12 10 9 8 6 ---
 SKW_E3_D_DRER_50 pin= 10, code= 12 11 10 8 7 6
 SKW_E3_D_DRER_65 pin= 10, code= 13 12 11 10 9 8
 SKW_E3_D_DRER_80 pin= 10, code= 14 13 13 12 12 10
 SKW_E3_D_DRER_35 pin= 14, code= 12 11 9 8 7 ---
 SKW_E3_D_DRER_50 pin= 14, code= 13 12 10 9 8 6
 SKW_E3_D_DRER_65 pin= 14, code= 13 13 12 11 9 8
 SKW_E3_D_DRER_80 pin= 14, code= 14 14 13 12 12 11

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= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 18, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 22, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 22, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 22, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 22, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 26, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 26, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 26, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 26, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 30, code= 11 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= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 34, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 34, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 34, code= 13 12 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 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 38, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 38, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 38, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin= 42, code= 13 12 10 9 8 ---
SKW_E3_D_DRER_50 pin= 42, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin= 42, code= 14 14 13 12 11 9
SKW_E3_D_DRER_80 pin= 42, code= 15 15 14 13 13 12
SKW_E3_D_DRER_35 pin= 46, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin= 46, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 46, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 46, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin= 50, code= 11 10 9 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 12 11 10

SKW_E3_D_DRER_35 pin= 54, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 54, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 54, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 54, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin=130, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=130, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=130, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=130, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=134, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=134, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=134, code= 13 12 11 10 9 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 7 ---
SKW_E3_D_DRER_50 pin=138, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=138, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin=138, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=142, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=142, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=142, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=142, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=146, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=146, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=146, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=146, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=150, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=150, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=150, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=150, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=154, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=154, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=154, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=154, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=158, code= 12 10 9 7 6 ---
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 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=162, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=162, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=162, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=166, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=166, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=166, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=166, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=170, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=170, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=170, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=170, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=174, code= 13 12 10 9 8 ---
SKW_E3_D_DRER_50 pin=174, code= 14 13 11 10 8 7
SKW_E3_D_DRER_65 pin=174, code= 14 14 13 12 10 9
SKW_E3_D_DRER_80 pin=174, code= 15 15 14 13 13 12
SKW_E3_D_DRER_35 pin=178, code= 63 63 63 63 63 ---
SKW_E3_D_DRER_50 pin=178, code= 63 63 63 63 63 63
SKW_E3_D_DRER_65 pin=178, code= 63 63 63 63 63 63
SKW_E3_D_DRER_80 pin=178, code= 63 63 63 63 63 63
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 13 12 11 10 8
SKW_E3_D_DRER_80 pin=182, code= 14 14 13 12 12 11

F SKA_E4_D_TR pin=178, code= 0, Llim= 0, Ulim=495

F SKA_E4_D_TF pin=178, code=511, Llim= 0, Ulim=495

SKA_E4_D pin= 2, code=188 (TR=188, TF=197)

SKA_E4_D pin= 6, code=191 (TR=191, TF=199)

SKA_E4_D pin= 10, code=179 (TR=179, TF=189)

SKA_E4_D pin= 14, code=182 (TR=182, TF=191)

SKA_E4_D pin= 18, code=182 (TR=182, TF=191)

SKA_E4_D pin= 22, code=172 (TR=172, TF=181)

SKA_E4_D pin= 26, code=170 (TR=170, TF=179)

SKA_E4_D pin= 30, code=168 (TR=168, TF=177)

SKA_E4_D pin= 34, code=182 (TR=182, TF=192)

SKA_E4_D pin= 38, code=183 (TR=183, TF=192)

SKA_E4_D pin= 42, code=183 (TR=183, TF=194)

SKA_E4_D pin= 46, code=194 (TR=194, TF=203)

SKA_E4_D pin= 50, code=179 (TR=179, TF=188)

SKA_E4_D pin= 54, code=177 (TR=177, TF=186)

SKA_E4_D pin=130, code=190 (TR=190, TF=199)

SKA_E4_D pin=134, code=184 (TR=184, TF=193)

SKA_E4_D pin=138, code=188 (TR=188, TF=197)

SKA_E4_D pin=142, code=187 (TR=187, TF=196)

SKA_E4_D pin=146, code=185 (TR=185, TF=195)

SKA_E4_D pin=150, code=174 (TR=174, TF=182)

SKA_E4_D pin=154, code=191 (TR=191, TF=199)

SKA_E4_D pin=158, code=186 (TR=186, TF=195)

SKA_E4_D pin=162, code=185 (TR=185, TF=195)

SKA_E4_D pin=166, code=182 (TR=182, TF=192)

SKA_E4_D pin=170, code=233 (TR=233, TF=244)

SKA_E4_D pin=174, code=204 (TR=204, TF=209)

SKA_E4_D pin=178, code= 0 (TR= 0, TF=511)

SKA_E4_D pin=182, code=233 (TR=233, TF=246)

F SKW_E4_D_DRDS_20_1V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_1V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_1V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_1V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_1V pin=178, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_2V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_2V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_2V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_2V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_2V pin=178, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_3V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_3V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_3V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_3V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_3V pin=178, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_4V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_4V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_4V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_4V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_80_4V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_20_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_35_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_50_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_65_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_80_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_20_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_35_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_50_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_65_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_80_7V pin=178, code= 63, Llim= 0, Ulim= 63
 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= 13 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 7 6 ---
 SKW_E4_D_DRDS_20 pin= 10, code= 14 13 13 12 12 10
 SKW_E4_D_DRDS_35 pin= 10, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 10, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 10, code= 12 11 9 8 7 ---
 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= 13 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 22, code= 12 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 22, code= 12 11 9 8 7 6
 SKW_E4_D_DRDS_65 pin= 22, code= 12 10 9 8 6 ---

SKW_E4_D_DRDS_20 pin= 26, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin= 26, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 26, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 26, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 30, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 30, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 30, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 30, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 34, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 34, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 34, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 34, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 38, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 38, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 38, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 38, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 42, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 42, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 42, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 42, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 46, code= 14 13 13 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 50, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 50, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 50, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 50, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 54, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 54, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 54, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 54, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=130, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=130, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=130, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=130, code= 12 10 9 8 6 ---

SKW_E4_D_DRDS_20 pin=134, code= 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=138, code= 14 13 12 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=142, code= 14 13 13 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= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=146, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=146, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=146, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=150, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=150, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=150, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=150, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=154, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=154, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=154, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=154, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=158, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=158, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=158, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=158, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=162, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=162, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=162, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=162, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=166, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=166, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=166, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=166, code= 12 10 9 8 6 ---

SKW_E4_D_DRDS_20 pin=170, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=170, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=170, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=170, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=174, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=174, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=174, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=174, code= 13 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=178, code= 0 0 0 0 0 0
SKW_E4_D_DRDS_35 pin=178, code= 0 0 0 0 0 0
SKW_E4_D_DRDS_50 pin=178, code= 0 0 0 0 0 0
SKW_E4_D_DRDS_65 pin=178, code= 0 0 0 0 0 ---
SKW_E4_D_DRDS_20 pin=182, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=182, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=182, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=182, code= 12 11 9 8 6 ---
F SKW_E4_D_DRDR_20_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_1V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_1V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_1V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_1V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_2V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_2V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_2V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_2V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_3V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_3V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_3V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_3V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_3V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_4V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_4V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_4V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_4V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_4V pin=178, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDR_20_5V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_35_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_50_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_65_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_80_5V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_20_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_35_7V pin=178, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_50_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_65_7V pin=178, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_80_7V pin=178, code= 63, Llim= 0, Ulim= 63
 SKW_E4_D_DRDR_35 pin= 2, code= 10 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin= 2, code= 11 10 8 7 6 4
 SKW_E4_D_DRDR_65 pin= 2, code= 11 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin= 2, code= 12 12 11 10 10 9
 SKW_E4_D_DRDR_35 pin= 6, code= 10 9 7 6 4 ---
 SKW_E4_D_DRDR_50 pin= 6, code= 10 9 8 7 5 4
 SKW_E4_D_DRDR_65 pin= 6, code= 11 10 9 9 7 6
 SKW_E4_D_DRDR_80 pin= 6, code= 12 11 11 10 10 8
 SKW_E4_D_DRDR_35 pin= 10, code= 12 10 9 7 6 ---
 SKW_E4_D_DRDR_50 pin= 10, code= 12 11 9 8 7 5
 SKW_E4_D_DRDR_65 pin= 10, code= 13 12 11 10 9 7
 SKW_E4_D_DRDR_80 pin= 10, code= 13 13 12 12 11 10
 SKW_E4_D_DRDR_35 pin= 14, code= 11 9 8 7 5 ---
 SKW_E4_D_DRDR_50 pin= 14, code= 11 10 9 7 6 5
 SKW_E4_D_DRDR_65 pin= 14, code= 12 11 10 9 8 7
 SKW_E4_D_DRDR_80 pin= 14, code= 13 12 12 11 11 9
 SKW_E4_D_DRDR_35 pin= 18, code= 11 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin= 18, code= 11 10 9 7 6 4
 SKW_E4_D_DRDR_65 pin= 18, code= 12 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin= 18, code= 12 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin= 22, code= 10 8 7 6 5 ---
 SKW_E4_D_DRDR_50 pin= 22, code= 10 9 8 7 6 4
 SKW_E4_D_DRDR_65 pin= 22, code= 11 10 9 9 7 6
 SKW_E4_D_DRDR_80 pin= 22, code= 12 11 11 10 10 8
 SKW_E4_D_DRDR_35 pin= 26, code= 10 9 7 6 5 ---
 SKW_E4_D_DRDR_50 pin= 26, code= 11 10 8 7 6 4

SKW_E4_D_DRDR_65 pin= 26, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 26, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 30, code= 10 9 8 6 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= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 34, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 34, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 34, code= 12 11 10 10 8 7
SKW_E4_D_DRDR_80 pin= 34, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 38, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 38, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 38, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 38, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 42, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 42, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 42, code= 13 12 11 10 9 7
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 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 46, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 50, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 50, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 50, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 50, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 54, code= 10 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= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=130, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=130, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=130, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=130, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=134, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=134, code= 12 11 9 8 6 5

SKW_E4_D_DRDR_65 pin=134, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin=134, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin=138, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=138, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=138, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=138, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=142, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=142, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=142, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=142, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=146, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=146, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=146, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=146, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=150, code= 10 8 7 6 5 ---
SKW_E4_D_DRDR_50 pin=150, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin=150, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=150, code= 12 11 10 10 10 8
SKW_E4_D_DRDR_35 pin=154, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=154, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=154, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=154, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=158, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=158, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=158, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=158, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=162, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=162, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=162, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=162, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=166, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=166, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=166, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=166, code= 13 12 12 11 10 9
SKW_E4_D_DRDR_35 pin=170, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=170, code= 12 11 9 8 7 5

SKW_E4_D_DRDR_65 pin=170, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=170, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=174, code= 9 8 6 5 3 ---
SKW_E4_D_DRDR_50 pin=174, code= 10 9 7 6 4 3
SKW_E4_D_DRDR_65 pin=174, code= 10 9 9 8 6 5
SKW_E4_D_DRDR_80 pin=174, code= 11 10 10 9 9 7
SKW_E4_D_DRDR_35 pin=178, code= 63 63 63 63 63 ---
SKW_E4_D_DRDR_50 pin=178, code= 63 63 63 63 63 63
SKW_E4_D_DRDR_65 pin=178, code= 63 63 63 63 63 63
SKW_E4_D_DRDR_80 pin=178, code= 63 63 63 63 63 63
SKW_E4_D_DRDR_35 pin=182, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=182, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin=182, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=182, code= 14 13 13 12 12 10
F SKA_E3_T_20_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_7V pin=178, code= 0, Llim= 0, Ulim=495

F SKA_E3_T_50_7V pin=178, code= 0, Llim= 0, Ulim=495

SKA_E3_T_20 pin= 2, code=201 200 198 197 196 194

SKA_E3_T_35 pin= 2, code=199 198 196 194 192 189

SKA_E3_T_50 pin= 2, code=198 196 193 191 189 185

SKA_E3_T_65 pin= 2, code=197 194 192 189 186 ---

SKA_E3_T_20 pin= 6, code=207 205 204 203 201 199

SKA_E3_T_35 pin= 6, code=205 203 201 198 197 194

SKA_E3_T_50 pin= 6, code=203 201 198 196 193 190

SKA_E3_T_65 pin= 6, code=203 199 196 193 191 ---

SKA_E3_T_20 pin= 10, code=194 192 191 190 189 187

SKA_E3_T_35 pin= 10, code=192 191 188 186 185 181

SKA_E3_T_50 pin= 10, code=191 189 186 183 181 177

SKA_E3_T_65 pin= 10, code=190 187 184 181 178 ---

SKA_E3_T_20 pin= 14, code=196 195 194 192 191 189

SKA_E3_T_35 pin= 14, code=195 193 191 189 187 184

SKA_E3_T_50 pin= 14, code=193 191 188 186 184 179

SKA_E3_T_65 pin= 14, code=193 190 187 184 181 ---

SKA_E3_T_20 pin= 18, code=194 193 192 191 189 187

SKA_E3_T_35 pin= 18, code=192 191 189 187 185 181

SKA_E3_T_50 pin= 18, code=191 189 186 184 181 177

SKA_E3_T_65 pin= 18, code=191 188 185 181 178 ---

SKA_E3_T_20 pin= 22, code=187 185 184 183 181 179

SKA_E3_T_35 pin= 22, code=185 183 181 178 177 173

SKA_E3_T_50 pin= 22, code=183 181 178 175 173 169

SKA_E3_T_65 pin= 22, code=183 179 176 173 170 ---

SKA_E3_T_20 pin= 26, code=185 183 182 180 179 177

SKA_E3_T_35 pin= 26, code=182 181 178 176 174 171

SKA_E3_T_50 pin= 26, code=181 179 176 173 171 167

SKA_E3_T_65 pin= 26, code=181 177 174 171 168 ---

SKA_E3_T_20 pin= 30, code=182 181 180 178 177 174

SKA_E3_T_35 pin= 30, code=180 179 177 174 172 169

SKA_E3_T_50 pin= 30, code=179 177 174 171 169 165

SKA_E3_T_65 pin= 30, code=179 175 172 169 166 ---

SKA_E3_T_20 pin= 34, code=197 196 194 193 192 190

SKA_E3_T_35 pin= 34, code=195 194 192 190 188 185

SKA_E3_T_50 pin= 34, code=194 192 189 187 185 180

SKA_E3_T_65 pin= 34, code=194 191 188 185 181 ---
SKA_E3_T_20 pin= 38, code=198 196 195 194 192 190
SKA_E3_T_35 pin= 38, code=196 194 192 190 188 185
SKA_E3_T_50 pin= 38, code=194 192 190 187 185 181
SKA_E3_T_65 pin= 38, code=194 191 188 185 182 ---
SKA_E3_T_20 pin= 42, code=200 198 197 196 194 192
SKA_E3_T_35 pin= 42, code=198 196 194 192 190 187
SKA_E3_T_50 pin= 42, code=196 194 191 189 187 182
SKA_E3_T_65 pin= 42, code=196 192 190 187 184 ---
SKA_E3_T_20 pin= 46, code=208 206 205 204 202 200
SKA_E3_T_35 pin= 46, code=206 204 202 200 198 195
SKA_E3_T_50 pin= 46, code=204 202 199 197 195 191
SKA_E3_T_65 pin= 46, code=204 201 198 195 192 ---
SKA_E3_T_20 pin= 50, code=195 193 192 191 190 187
SKA_E3_T_35 pin= 50, code=193 191 189 187 185 182
SKA_E3_T_50 pin= 50, code=191 189 186 184 182 178
SKA_E3_T_65 pin= 50, code=191 188 185 182 179 ---
SKA_E3_T_20 pin= 54, code=192 191 190 188 187 185
SKA_E3_T_35 pin= 54, code=191 189 187 184 183 179
SKA_E3_T_50 pin= 54, code=189 187 184 181 179 175
SKA_E3_T_65 pin= 54, code=189 185 182 179 176 ---
SKA_E3_T_20 pin=130, code=207 205 204 203 201 199
SKA_E3_T_35 pin=130, code=205 203 201 199 197 194
SKA_E3_T_50 pin=130, code=203 201 198 196 194 190
SKA_E3_T_65 pin=130, code=203 200 197 194 191 ---
SKA_E3_T_20 pin=134, code=200 198 197 196 194 192
SKA_E3_T_35 pin=134, code=198 196 194 192 190 187
SKA_E3_T_50 pin=134, code=196 194 191 189 187 183
SKA_E3_T_65 pin=134, code=196 193 190 187 184 ---
SKA_E3_T_20 pin=138, code=201 200 198 197 196 193
SKA_E3_T_35 pin=138, code=199 197 195 193 192 189
SKA_E3_T_50 pin=138, code=197 195 192 191 189 185
SKA_E3_T_65 pin=138, code=197 194 191 189 186 ---
SKA_E3_T_20 pin=142, code=201 199 198 197 195 193
SKA_E3_T_35 pin=142, code=199 197 195 193 191 188
SKA_E3_T_50 pin=142, code=197 195 192 190 188 184

SKA_E3_T_65 pin=142, code=197 194 191 188 185 ---
SKA_E3_T_20 pin=146, code=199 198 196 195 194 192
SKA_E3_T_35 pin=146, code=197 196 193 192 190 187
SKA_E3_T_50 pin=146, code=196 194 191 189 187 182
SKA_E3_T_65 pin=146, code=196 192 190 187 183 ---
SKA_E3_T_20 pin=150, code=189 187 186 184 183 181
SKA_E3_T_35 pin=150, code=187 185 183 181 179 175
SKA_E3_T_50 pin=150, code=185 183 180 178 175 171
SKA_E3_T_65 pin=150, code=185 182 178 175 172 ---
SKA_E3_T_20 pin=154, code=204 203 201 200 199 196
SKA_E3_T_35 pin=154, code=202 200 198 196 194 191
SKA_E3_T_50 pin=154, code=201 198 195 193 191 187
SKA_E3_T_65 pin=154, code=201 197 194 191 188 ---
SKA_E3_T_20 pin=158, code=200 199 197 196 195 192
SKA_E3_T_35 pin=158, code=198 196 194 192 191 188
SKA_E3_T_50 pin=158, code=197 195 192 190 188 183
SKA_E3_T_65 pin=158, code=196 193 191 188 184 ---
SKA_E3_T_20 pin=162, code=198 197 195 194 193 191
SKA_E3_T_35 pin=162, code=196 195 192 191 189 186
SKA_E3_T_50 pin=162, code=195 193 190 188 186 181
SKA_E3_T_65 pin=162, code=195 192 189 186 182 ---
SKA_E3_T_20 pin=166, code=196 195 194 193 192 189
SKA_E3_T_35 pin=166, code=195 193 191 189 187 184
SKA_E3_T_50 pin=166, code=193 191 188 186 184 180
SKA_E3_T_65 pin=166, code=193 190 187 184 181 ---
SKA_E3_T_20 pin=170, code=252 251 249 248 246 244
SKA_E3_T_35 pin=170, code=250 248 246 243 241 238
SKA_E3_T_50 pin=170, code=249 246 243 240 238 233
SKA_E3_T_65 pin=170, code=249 244 241 238 235 ---
SKA_E3_T_20 pin=174, code=223 222 220 219 217 215
SKA_E3_T_35 pin=174, code=221 219 217 215 213 209
SKA_E3_T_50 pin=174, code=220 217 214 212 209 204
SKA_E3_T_65 pin=174, code=221 217 213 209 206 ---
SKA_E3_T_20 pin=178, code= 0 0 0 0 0 0
SKA_E3_T_35 pin=178, code= 0 0 0 0 0 0
SKA_E3_T_50 pin=178, code= 0 0 0 0 0 0

SKA_E3_T_65 pin=178, code= 0 0 0 0 0 ---
SKA_E3_T_20 pin=182, code=252 251 249 248 246 243
SKA_E3_T_35 pin=182, code=250 248 245 243 241 237
SKA_E3_T_50 pin=182, code=248 246 242 239 237 231
SKA_E3_T_65 pin=182, code=248 244 241 237 233 ---
F SKA_E4_T_20_1V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_1V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_2V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_2V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_3V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_3V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_4V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_4V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_5V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_5V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_7V pin=178, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_50_7V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_7V pin=178, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_7V pin=178, code=511, Llim= 0, Ulim=495
SKA_E4_T_35 pin= 2, code=211 208 204 201 199 ---

SKA_E4_T_50 pin= 2, code=212 209 206 203 201 197
SKA_E4_T_65 pin= 2, code=213 211 209 208 205 202
SKA_E4_T_80 pin= 2, code=215 213 212 211 210 207
SKA_E4_T_35 pin= 6, code=213 210 207 204 201 ---
SKA_E4_T_50 pin= 6, code=214 212 209 206 203 199
SKA_E4_T_65 pin= 6, code=216 214 212 210 208 204
SKA_E4_T_80 pin= 6, code=217 216 215 214 213 210
SKA_E4_T_35 pin= 10, code=203 200 197 194 192 ---
SKA_E4_T_50 pin= 10, code=204 202 199 196 194 190
SKA_E4_T_65 pin= 10, code=206 204 202 200 197 194
SKA_E4_T_80 pin= 10, code=207 206 205 204 203 200
SKA_E4_T_35 pin= 14, code=205 202 199 196 194 ---
SKA_E4_T_50 pin= 14, code=206 204 201 198 195 192
SKA_E4_T_65 pin= 14, code=208 206 204 202 200 196
SKA_E4_T_80 pin= 14, code=210 208 207 206 205 202
SKA_E4_T_35 pin= 18, code=205 202 198 196 193 ---
SKA_E4_T_50 pin= 18, code=206 203 200 197 195 192
SKA_E4_T_65 pin= 18, code=207 205 203 202 199 196
SKA_E4_T_80 pin= 18, code=209 208 206 205 204 201
SKA_E4_T_35 pin= 22, code=195 192 189 186 183 ---
SKA_E4_T_50 pin= 22, code=196 194 191 188 185 182
SKA_E4_T_65 pin= 22, code=197 195 194 192 190 186
SKA_E4_T_80 pin= 22, code=199 197 196 195 194 192
SKA_E4_T_35 pin= 26, code=193 190 187 184 181 ---
SKA_E4_T_50 pin= 26, code=194 192 189 186 183 180
SKA_E4_T_65 pin= 26, code=195 193 192 190 187 184
SKA_E4_T_80 pin= 26, code=197 195 194 193 192 189
SKA_E4_T_35 pin= 30, code=191 188 185 182 180 ---
SKA_E4_T_50 pin= 30, code=192 190 187 184 181 178
SKA_E4_T_65 pin= 30, code=193 192 190 188 185 182
SKA_E4_T_80 pin= 30, code=195 194 192 191 190 188
SKA_E4_T_35 pin= 34, code=206 203 200 197 194 ---
SKA_E4_T_50 pin= 34, code=207 205 202 199 196 193
SKA_E4_T_65 pin= 34, code=209 207 205 203 200 197
SKA_E4_T_80 pin= 34, code=210 209 208 206 205 203
SKA_E4_T_35 pin= 38, code=206 203 200 197 195 ---

SKA_E4_T_50 pin= 38, code=208 205 202 199 196 193
SKA_E4_T_65 pin= 38, code=209 207 205 203 201 197
SKA_E4_T_80 pin= 38, code=210 209 208 207 206 203
SKA_E4_T_35 pin= 42, code=209 205 202 199 196 ---
SKA_E4_T_50 pin= 42, code=210 207 204 201 198 195
SKA_E4_T_65 pin= 42, code=211 209 207 205 203 199
SKA_E4_T_80 pin= 42, code=213 211 210 209 208 205
SKA_E4_T_35 pin= 46, code=217 213 210 207 205 ---
SKA_E4_T_50 pin= 46, code=218 215 212 209 207 203
SKA_E4_T_65 pin= 46, code=219 217 215 213 211 207
SKA_E4_T_80 pin= 46, code=220 219 218 217 216 213
SKA_E4_T_35 pin= 50, code=202 199 196 193 190 ---
SKA_E4_T_50 pin= 50, code=203 201 198 195 192 189
SKA_E4_T_65 pin= 50, code=204 202 201 199 196 193
SKA_E4_T_80 pin= 50, code=206 205 203 202 201 198
SKA_E4_T_35 pin= 54, code=200 197 194 191 189 ---
SKA_E4_T_50 pin= 54, code=201 199 196 193 191 187
SKA_E4_T_65 pin= 54, code=203 201 199 197 195 191
SKA_E4_T_80 pin= 54, code=204 203 202 200 200 197
SKA_E4_T_35 pin=130, code=214 211 207 205 202 ---
SKA_E4_T_50 pin=130, code=215 212 209 206 204 200
SKA_E4_T_65 pin=130, code=216 214 212 211 208 205
SKA_E4_T_80 pin=130, code=218 217 215 214 213 210
SKA_E4_T_35 pin=134, code=208 205 201 198 196 ---
SKA_E4_T_50 pin=134, code=209 206 203 200 197 194
SKA_E4_T_65 pin=134, code=210 208 206 204 202 198
SKA_E4_T_80 pin=134, code=212 210 209 208 207 204
SKA_E4_T_35 pin=138, code=211 208 205 202 199 ---
SKA_E4_T_50 pin=138, code=212 210 207 204 201 198
SKA_E4_T_65 pin=138, code=213 212 210 208 205 202
SKA_E4_T_80 pin=138, code=215 214 213 211 211 208
SKA_E4_T_35 pin=142, code=210 207 204 201 198 ---
SKA_E4_T_50 pin=142, code=211 209 206 203 200 196
SKA_E4_T_65 pin=142, code=212 211 209 207 204 201
SKA_E4_T_80 pin=142, code=214 213 212 210 209 207
SKA_E4_T_35 pin=146, code=209 206 203 200 197 ---

SKA_E4_T_50 pin=146, code=210 208 205 202 199 195
SKA_E4_T_65 pin=146, code=211 210 208 206 203 200
SKA_E4_T_80 pin=146, code=213 212 210 209 208 206
SKA_E4_T_35 pin=150, code=196 193 190 188 185 ---
SKA_E4_T_50 pin=150, code=197 194 192 189 186 183
SKA_E4_T_65 pin=150, code=198 196 194 193 190 187
SKA_E4_T_80 pin=150, code=200 198 197 196 195 192
SKA_E4_T_35 pin=154, code=214 211 208 205 202 ---
SKA_E4_T_50 pin=154, code=215 212 209 206 204 200
SKA_E4_T_65 pin=154, code=216 214 212 210 208 205
SKA_E4_T_80 pin=154, code=218 216 215 214 213 210
SKA_E4_T_35 pin=158, code=210 206 203 200 197 ---
SKA_E4_T_50 pin=158, code=211 208 205 202 199 196
SKA_E4_T_65 pin=158, code=212 210 208 206 204 200
SKA_E4_T_80 pin=158, code=213 212 211 210 209 206
SKA_E4_T_35 pin=162, code=209 205 202 199 197 ---
SKA_E4_T_50 pin=162, code=210 207 204 201 199 195
SKA_E4_T_65 pin=162, code=211 209 207 205 203 199
SKA_E4_T_80 pin=162, code=212 211 210 209 208 205
SKA_E4_T_35 pin=166, code=206 202 199 196 194 ---
SKA_E4_T_50 pin=166, code=207 204 201 198 196 192
SKA_E4_T_65 pin=166, code=208 206 204 202 200 196
SKA_E4_T_80 pin=166, code=209 208 207 206 205 202
SKA_E4_T_35 pin=170, code=260 256 253 250 247 ---
SKA_E4_T_50 pin=170, code=261 258 255 252 249 245
SKA_E4_T_65 pin=170, code=262 260 258 256 253 250
SKA_E4_T_80 pin=170, code=264 262 261 260 259 256
SKA_E4_T_35 pin=174, code=223 220 216 214 211 ---
SKA_E4_T_50 pin=174, code=224 222 219 216 213 210
SKA_E4_T_65 pin=174, code=225 223 222 220 217 213
SKA_E4_T_80 pin=174, code=226 225 224 223 222 219
SKA_E4_T_35 pin=178, code=511 511 511 511 511 ---
SKA_E4_T_50 pin=178, code=511 511 511 511 511 511
SKA_E4_T_65 pin=178, code=511 511 511 511 511 511
SKA_E4_T_80 pin=178, code=511 511 511 511 511 511

F SKA_E4_T_20_at0V pin=178, code=511, Ulim=495 : ShortMargin

F SKA_E4_T_35_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_50_at0V pin=178, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_65_at0V pin=178, code=511, Ulim=495 : ShortMargin
SKA_E4_T_35 pin=182, code=262 259 255 251 248 ---
SKA_E4_T_50 pin=182, code=264 261 257 254 251 246
SKA_E4_T_65 pin=182, code=265 263 260 258 256 251
SKA_E4_T_80 pin=182, code=267 265 264 262 261 258
F SKW_E3_N_DRES_1V pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_2V pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_3V pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_4V pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_5V pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_7V pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_1V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_2V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_3V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_4V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_5V pin=178, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_7V pin=178, code= 0, Llim= 0, Ulim= 63
SKW_E3_N_DRES pin= 2, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 6, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin= 10, code= 15 14 14 13 13 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 12 12
SKW_E3_N_DRES pin= 22, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 26, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 30, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin= 34, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 38, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 42, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 46, code= 14 14 13 12 12 12
SKW_E3_N_DRES pin= 50, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 54, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=130, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin=134, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=138, code= 14 13 13 12 12 11

SKW_E3_N_DRES pin=142, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=146, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=150, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=154, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=158, code= 14 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= 15 14 13 13 12 12
SKW_E3_N_DRES pin=170, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=174, code= 63 63 63 63 63 63
SKW_E3_N_DRES pin=178, code= 0 0 0 0 0 0
SKW_E3_N_DRES pin=182, code= 15 14 13 13 12 12
F SKW_E3_N_ALER pin=174, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_ALER pin=178, code= 63, Llim= 0, Ulim= 63
SKW_E3_N_ALER pin= 2, code= 8
SKW_E3_N_ALER pin= 6, code= 10
SKW_E3_N_ALER pin= 10, code= 10
SKW_E3_N_ALER pin= 14, code= 9
SKW_E3_N_ALER pin= 18, code= 9
SKW_E3_N_ALER pin= 22, code= 9
SKW_E3_N_ALER pin= 26, code= 9
SKW_E3_N_ALER pin= 30, code= 9
SKW_E3_N_ALER pin= 34, code= 8
SKW_E3_N_ALER pin= 38, code= 9
SKW_E3_N_ALER pin= 42, code= 9
SKW_E3_N_ALER pin= 46, code= 10
SKW_E3_N_ALER pin= 50, code= 9
SKW_E3_N_ALER pin= 54, code= 11
SKW_E3_N_ALER pin=130, code= 9
SKW_E3_N_ALER pin=134, code= 9
SKW_E3_N_ALER pin=138, code= 9
SKW_E3_N_ALER pin=142, code= 9
SKW_E3_N_ALER pin=146, code= 9
SKW_E3_N_ALER pin=150, code= 10
SKW_E3_N_ALER pin=154, code= 9
SKW_E3_N_ALER pin=158, code= 9
SKW_E3_N_ALER pin=162, code= 10

SKW_E3_N_ALER pin=166, code= 9
SKW_E3_N_ALER pin=170, code= 9
SKW_E3_N_ALER pin=174, code= 63
SKW_E3_N_ALER pin=178, code= 63
SKW_E3_N_ALER pin=182, code= 10
F SKA_E4_N_DRER_1V pin=174, code= 0, Llim= 0, Ulim=511
F SKA_E4_N_DRER_2V pin=174, code= 0, Llim= 0, Ulim=511
F SKA_E4_N_DRER_3V pin=174, code= 0, Llim= 0, Ulim=511
F SKA_E4_N_DRER_4V pin=174, code= 0, Llim= 0, Ulim=511
F SKA_E4_N_DRER_5V pin=174, code= 0, Llim= 0, Ulim=511
F SKA_E4_N_DRER_7V pin=174, code= 0, Llim= 0, Ulim=511
F SKA_E4_N_DRER_1V pin=178, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_2V pin=178, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_3V pin=178, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_4V pin=178, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_5V pin=178, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_7V pin=178, code=511, Llim= 0, Ulim=511
F SKA_E4_N_ALE pin=174, code= 0, Llim= 0, Ulim=511
SKA_E4_N pin= 2, code=181 (DRE=199 200 198 197 195 192, ALE=181)
SKA_E4_N pin= 6, code=182 (DRE=205 206 205 203 202 198, ALE=182)
SKA_E4_N pin= 10, code=175 (DRE=194 194 193 192 190 187, ALE=175)
SKA_E4_N pin= 14, code=177 (DRE=196 197 196 194 193 189, ALE=177)
SKA_E4_N pin= 18, code=175 (DRE=194 195 194 193 191 188, ALE=175)
SKA_E4_N pin= 22, code=163 (DRE=188 188 187 186 184 181, ALE=163)
SKA_E4_N pin= 26, code=163 (DRE=186 186 185 183 182 179, ALE=163)
SKA_E4_N pin= 30, code=161 (DRE=183 184 182 181 180 176, ALE=161)
SKA_E4_N pin= 34, code=174 (DRE=198 199 198 196 195 192, ALE=174)
SKA_E4_N pin= 38, code=173 (DRE=198 198 197 196 194 192, ALE=173)
SKA_E4_N pin= 42, code=179 (DRE=201 201 200 198 197 194, ALE=179)
SKA_E4_N pin= 46, code=190 (DRE=207 207 206 205 203 200, ALE=190)
SKA_E4_N pin= 50, code=173 (DRE=195 195 194 192 191 187, ALE=173)
SKA_E4_N pin= 54, code=171 (DRE=193 194 192 191 189 186, ALE=171)
SKA_E4_N pin=130, code=183 (DRE=206 207 206 204 203 200, ALE=183)
SKA_E4_N pin=134, code=174 (DRE=200 200 199 198 196 193, ALE=174)
SKA_E4_N pin=138, code=182 (DRE=201 201 200 198 197 193, ALE=182)
SKA_E4_N pin=142, code=181 (DRE=201 201 200 198 197 194, ALE=181)

SKA_E4_N pin=146, code=178 (DRE=199 199 198 197 195 192, ALE=178)
SKA_E4_N pin=150, code=166 (DRE=190 190 189 188 186 183, ALE=166)
SKA_E4_N pin=154, code=182 (DRE=203 204 202 201 200 196, ALE=182)
SKA_E4_N pin=158, code=178 (DRE=200 200 199 198 196 193, ALE=178)
SKA_E4_N pin=162, code=180 (DRE=199 199 198 197 196 193, ALE=180)
SKA_E4_N pin=166, code=174 (DRE=198 198 197 196 194 191, ALE=174)
SKA_E4_N pin=170, code=228 (DRE=253 253 252 250 249 245, ALE=228)
SKA_E4_N pin=174, code= 0 (DRE= 0 0 0 0 0 0, ALE= 0)
SKA_E4_N pin=178, code=191 (DRE=511 511 511 511 511 511, ALE=191)
SKA_E4_N pin=182, code=228 (DRE=251 252 250 248 247 243, ALE=228)

F SKW_E4_N_DRER_1V pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_2V pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_3V pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_4V pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_5V pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_7V pin=174, code= 0, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_1V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_2V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_3V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_4V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_5V pin=178, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_7V pin=178, code= 63, Llim= 0, Ulim= 63

SKW_E4_N_DRER pin= 2, code= 13 14 13 12 12 10
SKW_E4_N_DRER pin= 6, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 10, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 14, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin= 18, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin= 22, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin= 26, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin= 30, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin= 34, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 38, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin= 42, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 46, code= 13 13 13 12 11 10
SKW_E4_N_DRER pin= 50, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 54, code= 15 15 15 14 13 12

SKW_E4_N_DRER pin=130, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=134, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin=138, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin=142, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin=146, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=150, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=154, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=158, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin=162, code= 14 14 13 13 12 11
SKW_E4_N_DRER pin=166, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin=170, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=174, code= 0 0 0 0 0 0
SKW_E4_N_DRER pin=178, code= 63 63 63 63 63 63
SKW_E4_N_DRER pin=182, code= 14 14 14 13 12 11
F SKW_E4_N_ALES pin=174, code= 0, Llim= 0, Ulim= 63
SKW_E4_N_ALES pin= 2, code= 5
SKW_E4_N_ALES pin= 6, code= 5
SKW_E4_N_ALES pin= 10, code= 5
SKW_E4_N_ALES pin= 14, code= 5
SKW_E4_N_ALES pin= 18, code= 5
SKW_E4_N_ALES pin= 22, code= 5
SKW_E4_N_ALES pin= 26, code= 5
SKW_E4_N_ALES pin= 30, code= 5
SKW_E4_N_ALES pin= 34, code= 5
SKW_E4_N_ALES pin= 38, code= 5
SKW_E4_N_ALES pin= 42, code= 5
SKW_E4_N_ALES pin= 46, code= 5
SKW_E4_N_ALES pin= 50, code= 5
SKW_E4_N_ALES pin= 54, code= 5
SKW_E4_N_ALES pin=130, code= 5
SKW_E4_N_ALES pin=134, code= 5
SKW_E4_N_ALES pin=138, code= 5
SKW_E4_N_ALES pin=142, code= 5
SKW_E4_N_ALES pin=146, code= 5
SKW_E4_N_ALES pin=150, code= 5
SKW_E4_N_ALES pin=154, code= 5

SKW_E4_N_ALES pin=158, code= 5
SKW_E4_N_ALES pin=162, code= 5
SKW_E4_N_ALES pin=166, code= 5
SKW_E4_N_ALES pin=170, code= 5
SKW_E4_N_ALES pin=174, code= 0
SKW_E4_N_ALES pin=178, code= 11
SKW_E4_N_ALES pin=182, code= 5
SKA_E1_NDT_20 pin= 3, code=296 294 293 292 291 288
SKA_E1_NDT_35 pin= 3, code=294 292 290 288 287 283
SKA_E1_NDT_50 pin= 3, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin= 3, code=292 289 287 284 280 ---
SKA_E1_NDT_20 pin= 7, code=297 296 294 293 292 290
SKA_E1_NDT_35 pin= 7, code=295 294 291 289 288 284
SKA_E1_NDT_50 pin= 7, code=294 291 289 286 284 280
SKA_E1_NDT_65 pin= 7, code=293 290 287 284 281 ---
SKA_E1_NDT_20 pin= 11, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin= 11, code=288 287 284 282 281 277
SKA_E1_NDT_50 pin= 11, code=287 285 282 280 277 273
SKA_E1_NDT_65 pin= 11, code=287 284 281 277 274 ---
SKA_E1_NDT_20 pin= 15, code=298 297 295 294 293 291
SKA_E1_NDT_35 pin= 15, code=296 294 292 290 288 286
SKA_E1_NDT_50 pin= 15, code=295 293 290 288 286 282
SKA_E1_NDT_65 pin= 15, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 19, code=295 293 292 291 290 287
SKA_E1_NDT_35 pin= 19, code=293 291 289 287 286 282
SKA_E1_NDT_50 pin= 19, code=292 289 287 284 282 278
SKA_E1_NDT_65 pin= 19, code=292 289 286 283 279 ---
SKA_E1_NDT_20 pin= 23, code=297 295 293 292 291 289
SKA_E1_NDT_35 pin= 23, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin= 23, code=293 291 288 286 284 280
SKA_E1_NDT_65 pin= 23, code=293 290 287 284 281 ---
SKA_E1_NDT_20 pin= 27, code=293 292 290 289 288 286
SKA_E1_NDT_35 pin= 27, code=291 289 287 285 284 280
SKA_E1_NDT_50 pin= 27, code=290 287 285 282 280 276
SKA_E1_NDT_65 pin= 27, code=290 287 284 281 277 ---
SKA_E1_NDT_20 pin= 31, code=286 285 284 283 283 282

SKA_E1_NDT_35 pin= 31, code=284 283 282 280 278 276
SKA_E1_NDT_50 pin= 31, code=283 281 279 277 275 272
SKA_E1_NDT_65 pin= 31, code=283 280 278 275 272 ---
SKA_E1_NDT_20 pin= 35, code=299 297 296 295 293 291
SKA_E1_NDT_35 pin= 35, code=297 295 293 291 289 286
SKA_E1_NDT_50 pin= 35, code=296 293 290 288 286 282
SKA_E1_NDT_65 pin= 35, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 39, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin= 39, code=295 293 291 289 288 284
SKA_E1_NDT_50 pin= 39, code=294 291 289 287 284 280
SKA_E1_NDT_65 pin= 39, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 43, code=304 303 301 300 299 296
SKA_E1_NDT_35 pin= 43, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin= 43, code=301 299 296 293 291 287
SKA_E1_NDT_65 pin= 43, code=301 298 295 291 288 ---
SKA_E1_NDT_20 pin= 47, code=303 302 300 299 298 295
SKA_E1_NDT_35 pin= 47, code=301 300 297 295 293 290
SKA_E1_NDT_50 pin= 47, code=300 298 295 292 290 286
SKA_E1_NDT_65 pin= 47, code=300 297 294 291 287 ---
SKA_E1_NDT_20 pin= 51, code=308 306 305 304 302 300
SKA_E1_NDT_35 pin= 51, code=306 304 302 300 298 295
SKA_E1_NDT_50 pin= 51, code=304 302 299 297 295 291
SKA_E1_NDT_65 pin= 51, code=304 301 298 295 292 ---
SKA_E1_NDT_20 pin= 55, code=301 299 298 297 295 293
SKA_E1_NDT_35 pin= 55, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin= 55, code=297 295 292 290 288 284
SKA_E1_NDT_65 pin= 55, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin=131, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin=131, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin=131, code=295 292 290 287 285 281
SKA_E1_NDT_65 pin=131, code=295 291 288 285 283 ---
SKA_E1_NDT_20 pin=135, code=306 305 304 302 301 299
SKA_E1_NDT_35 pin=135, code=304 302 300 298 297 293
SKA_E1_NDT_50 pin=135, code=303 301 298 295 293 289
SKA_E1_NDT_65 pin=135, code=303 300 297 293 291 ---
SKA_E1_NDT_20 pin=139, code=300 298 297 295 294 292

SKA_E1_NDT_35 pin=139, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=139, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=139, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=143, code=300 298 297 296 294 292
SKA_E1_NDT_35 pin=143, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=143, code=297 294 291 289 287 283
SKA_E1_NDT_65 pin=143, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=147, code=301 300 299 297 296 294
SKA_E1_NDT_35 pin=147, code=299 298 296 293 292 289
SKA_E1_NDT_50 pin=147, code=298 296 293 291 289 284
SKA_E1_NDT_65 pin=147, code=298 295 292 289 285 ---
SKA_E1_NDT_20 pin=151, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin=151, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin=151, code=299 297 294 291 289 285
SKA_E1_NDT_65 pin=151, code=299 295 292 289 286 ---
SKA_E1_NDT_20 pin=155, code=302 300 299 298 297 294
SKA_E1_NDT_35 pin=155, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin=155, code=298 296 293 291 289 285
SKA_E1_NDT_65 pin=155, code=299 295 292 289 286 ---
SKA_E1_NDT_20 pin=159, code=301 299 298 297 296 293
SKA_E1_NDT_35 pin=159, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=159, code=298 295 292 290 288 284
SKA_E1_NDT_65 pin=159, code=298 294 291 288 285 ---
SKA_E1_NDT_20 pin=163, code=304 303 301 300 299 296
SKA_E1_NDT_35 pin=163, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin=163, code=301 298 295 293 291 287
SKA_E1_NDT_65 pin=163, code=301 298 295 291 288 ---
SKA_E1_NDT_20 pin=167, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin=167, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=167, code=298 295 292 290 288 284
SKA_E1_NDT_65 pin=167, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin=171, code=324 322 320 320 320 319
SKA_E1_NDT_35 pin=171, code=322 320 320 319 319 319
SKA_E1_NDT_50 pin=171, code=321 320 319 319 319 317
SKA_E1_NDT_65 pin=171, code=322 320 319 319 319 ---
SKA_E1_NDT_20 pin=175, code=320 320 320 320 319 319

SKA_E1_NDT_35 pin=175, code=320 320 319 319 319 318
SKA_E1_NDT_50 pin=175, code=320 319 319 319 318 314
SKA_E1_NDT_65 pin=175, code=320 319 319 319 315 ---
SKA_E1_NDT_20 pin=179, code=326 324 322 320 320 320
SKA_E1_NDT_35 pin=179, code=324 321 320 320 319 319
SKA_E1_NDT_50 pin=179, code=321 320 320 319 319 319
SKA_E1_NDT_65 pin=179, code=322 320 319 319 319 ---
SKA_E1_NDT_20 pin=183, code=320 320 320 319 319 319
SKA_E1_NDT_35 pin=183, code=320 320 319 319 319 317
SKA_E1_NDT_50 pin=183, code=320 319 319 319 317 312
SKA_E1_NDT_65 pin=183, code=319 319 319 317 314 ---
SKA_E2_NDT_35 pin= 3, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 3, code=291 289 286 283 281 277
SKA_E2_NDT_65 pin= 3, code=293 291 289 287 285 282
SKA_E2_NDT_80 pin= 3, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin= 7, code=292 288 285 283 280 ---
SKA_E2_NDT_50 pin= 7, code=292 290 287 285 282 278
SKA_E2_NDT_65 pin= 7, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin= 7, code=295 294 293 292 291 288
SKA_E2_NDT_35 pin= 11, code=285 282 280 277 274 ---
SKA_E2_NDT_50 pin= 11, code=286 283 280 277 275 272
SKA_E2_NDT_65 pin= 11, code=287 285 284 281 279 276
SKA_E2_NDT_80 pin= 11, code=288 287 286 285 284 282
SKA_E2_NDT_35 pin= 15, code=293 289 287 285 282 ---
SKA_E2_NDT_50 pin= 15, code=293 291 288 285 283 280
SKA_E2_NDT_65 pin= 15, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 15, code=296 295 294 293 292 289
SKA_E2_NDT_35 pin= 19, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 19, code=290 288 285 282 280 276
SKA_E2_NDT_65 pin= 19, code=292 290 288 286 284 281
SKA_E2_NDT_80 pin= 19, code=293 292 291 290 289 286
SKA_E2_NDT_35 pin= 23, code=291 288 285 283 280 ---
SKA_E2_NDT_50 pin= 23, code=292 289 287 284 282 278
SKA_E2_NDT_65 pin= 23, code=293 291 289 288 286 282
SKA_E2_NDT_80 pin= 23, code=295 293 292 291 290 288
SKA_E2_NDT_35 pin= 27, code=287 284 281 279 276 ---

SKA_E2_NDT_50 pin= 27, code=288 285 283 279 277 274
SKA_E2_NDT_65 pin= 27, code=289 287 285 284 281 278
SKA_E2_NDT_80 pin= 27, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin= 31, code=286 283 280 277 275 ---
SKA_E2_NDT_50 pin= 31, code=287 284 281 278 276 273
SKA_E2_NDT_65 pin= 31, code=288 286 284 282 280 277
SKA_E2_NDT_80 pin= 31, code=289 288 287 286 285 282
SKA_E2_NDT_35 pin= 35, code=293 290 287 285 282 ---
SKA_E2_NDT_50 pin= 35, code=294 292 289 286 284 280
SKA_E2_NDT_65 pin= 35, code=295 293 292 290 287 284
SKA_E2_NDT_80 pin= 35, code=297 296 294 293 292 290
SKA_E2_NDT_35 pin= 39, code=293 289 287 284 281 ---
SKA_E2_NDT_50 pin= 39, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin= 39, code=294 293 291 289 287 284
SKA_E2_NDT_80 pin= 39, code=296 295 294 292 291 289
SKA_E2_NDT_35 pin= 43, code=299 296 293 290 287 ---
SKA_E2_NDT_50 pin= 43, code=300 297 294 291 289 286
SKA_E2_NDT_65 pin= 43, code=301 299 297 295 293 290
SKA_E2_NDT_80 pin= 43, code=302 301 300 299 298 295
SKA_E2_NDT_35 pin= 47, code=299 296 293 290 288 ---
SKA_E2_NDT_50 pin= 47, code=300 298 294 291 289 286
SKA_E2_NDT_65 pin= 47, code=301 299 298 295 293 290
SKA_E2_NDT_80 pin= 47, code=303 301 300 299 298 296
SKA_E2_NDT_35 pin= 51, code=303 299 296 294 291 ---
SKA_E2_NDT_50 pin= 51, code=303 301 298 295 292 289
SKA_E2_NDT_65 pin= 51, code=305 303 301 299 297 293
SKA_E2_NDT_80 pin= 51, code=306 305 304 303 302 299
SKA_E2_NDT_35 pin= 55, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin= 55, code=297 294 291 288 286 283
SKA_E2_NDT_65 pin= 55, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin= 55, code=300 298 297 296 295 292
SKA_E2_NDT_35 pin=131, code=294 291 288 285 283 ---
SKA_E2_NDT_50 pin=131, code=295 292 289 287 284 281
SKA_E2_NDT_65 pin=131, code=296 294 292 290 288 285
SKA_E2_NDT_80 pin=131, code=298 296 295 294 293 290
SKA_E2_NDT_35 pin=135, code=302 299 296 294 291 ---

SKA_E2_NDT_50 pin=135, code=303 301 298 294 292 289
SKA_E2_NDT_65 pin=135, code=304 302 301 299 296 293
SKA_E2_NDT_80 pin=135, code=306 305 303 302 301 299
SKA_E2_NDT_35 pin=139, code=295 292 289 286 283 ---
SKA_E2_NDT_50 pin=139, code=295 293 290 287 285 282
SKA_E2_NDT_65 pin=139, code=297 295 293 291 288 286
SKA_E2_NDT_80 pin=139, code=298 297 296 294 293 291
SKA_E2_NDT_35 pin=143, code=295 292 289 286 283 ---
SKA_E2_NDT_50 pin=143, code=295 293 290 287 285 282
SKA_E2_NDT_65 pin=143, code=297 295 293 291 289 286
SKA_E2_NDT_80 pin=143, code=298 297 296 294 294 291
SKA_E2_NDT_35 pin=147, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin=147, code=297 295 292 289 287 283
SKA_E2_NDT_65 pin=147, code=299 297 295 293 291 288
SKA_E2_NDT_80 pin=147, code=300 299 298 296 296 293
SKA_E2_NDT_35 pin=151, code=299 295 293 290 287 ---
SKA_E2_NDT_50 pin=151, code=299 297 293 290 288 285
SKA_E2_NDT_65 pin=151, code=300 298 296 294 292 289
SKA_E2_NDT_80 pin=151, code=302 300 299 298 297 294
SKA_E2_NDT_35 pin=155, code=297 294 291 288 286 ---
SKA_E2_NDT_50 pin=155, code=298 295 292 290 287 284
SKA_E2_NDT_65 pin=155, code=299 297 296 293 291 288
SKA_E2_NDT_80 pin=155, code=301 299 298 297 296 293
SKA_E2_NDT_35 pin=159, code=297 293 290 288 285 ---
SKA_E2_NDT_50 pin=159, code=298 295 292 289 287 284
SKA_E2_NDT_65 pin=159, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin=159, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin=163, code=300 297 293 291 288 ---
SKA_E2_NDT_50 pin=163, code=300 298 295 292 289 286
SKA_E2_NDT_65 pin=163, code=301 300 298 296 293 290
SKA_E2_NDT_80 pin=163, code=303 302 300 300 299 296
SKA_E2_NDT_35 pin=167, code=296 293 290 287 285 ---
SKA_E2_NDT_50 pin=167, code=297 294 291 288 286 283
SKA_E2_NDT_65 pin=167, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin=167, code=299 298 297 296 295 292
SKA_E2_NDT_35 pin=171, code=320 319 319 318 315 ---

SKA_E2_NDT_50 pin=171, code=320 320 319 319 316 313
SKA_E2_NDT_65 pin=171, code=320 320 319 319 319 317
SKA_E2_NDT_80 pin=171, code=322 320 320 320 320 319
SKA_E2_NDT_35 pin=175, code=319 319 319 319 316 ---
SKA_E2_NDT_50 pin=175, code=320 319 319 319 317 314
SKA_E2_NDT_65 pin=175, code=320 320 319 319 319 318
SKA_E2_NDT_80 pin=175, code=320 320 320 319 319 319
SKA_E2_NDT_35 pin=179, code=320 320 319 319 319 ---
SKA_E2_NDT_50 pin=179, code=321 320 319 319 319 319
SKA_E2_NDT_65 pin=179, code=323 320 320 319 319 319
SKA_E2_NDT_80 pin=179, code=325 323 321 320 320 319
SKA_E2_NDT_35 pin=183, code=319 319 319 319 315 ---
SKA_E2_NDT_50 pin=183, code=320 319 319 319 318 313
SKA_E2_NDT_65 pin=183, code=320 319 319 319 319 319
SKA_E2_NDT_80 pin=183, code=320 320 320 319 319 319
SKA_E5_DT_20 pin= 3, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 3, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 3, code=283 280 277 275 273 269
SKA_E5_DT_65 pin= 3, code=283 280 276 273 270 ---
SKA_E5_DT_20 pin= 7, code=287 286 284 283 282 279
SKA_E5_DT_35 pin= 7, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 7, code=283 281 278 276 274 270
SKA_E5_DT_65 pin= 7, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin= 11, code=281 279 278 277 275 273
SKA_E5_DT_35 pin= 11, code=279 277 275 273 271 268
SKA_E5_DT_50 pin= 11, code=277 275 272 270 268 263
SKA_E5_DT_65 pin= 11, code=278 274 271 268 265 ---
SKA_E5_DT_20 pin= 15, code=289 287 286 285 284 282
SKA_E5_DT_35 pin= 15, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 15, code=286 284 281 278 276 272
SKA_E5_DT_65 pin= 15, code=286 283 280 276 273 ---
SKA_E5_DT_20 pin= 19, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 19, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 19, code=283 280 277 275 273 269
SKA_E5_DT_65 pin= 19, code=283 280 276 273 270 ---
SKA_E5_DT_20 pin= 23, code=287 285 284 283 282 279

SKA_E5_DT_35 pin= 23, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 23, code=283 281 278 276 274 269
SKA_E5_DT_65 pin= 23, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin= 27, code=283 281 280 279 277 275
SKA_E5_DT_35 pin= 27, code=281 279 277 275 273 270
SKA_E5_DT_50 pin= 27, code=279 277 274 272 270 265
SKA_E5_DT_65 pin= 27, code=280 276 273 270 267 ---
SKA_E5_DT_20 pin= 31, code=276 275 274 273 272 271
SKA_E5_DT_35 pin= 31, code=274 273 271 269 268 265
SKA_E5_DT_50 pin= 31, code=273 271 268 267 265 261
SKA_E5_DT_65 pin= 31, code=273 270 268 265 262 ---
SKA_E5_DT_20 pin= 35, code=289 288 286 285 284 282
SKA_E5_DT_35 pin= 35, code=287 285 283 281 280 276
SKA_E5_DT_50 pin= 35, code=286 284 281 278 276 272
SKA_E5_DT_65 pin= 35, code=286 283 280 276 273 ---
SKA_E5_DT_20 pin= 39, code=288 287 285 284 283 280
SKA_E5_DT_35 pin= 39, code=286 284 282 280 278 275
SKA_E5_DT_50 pin= 39, code=285 282 279 277 275 271
SKA_E5_DT_65 pin= 39, code=284 282 278 275 272 ---
SKA_E5_DT_20 pin= 43, code=294 293 291 290 289 287
SKA_E5_DT_35 pin= 43, code=292 290 288 286 285 282
SKA_E5_DT_50 pin= 43, code=291 289 286 284 282 277
SKA_E5_DT_65 pin= 43, code=291 288 285 282 278 ---
SKA_E5_DT_20 pin= 47, code=294 292 291 289 288 286
SKA_E5_DT_35 pin= 47, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 47, code=290 288 285 283 281 277
SKA_E5_DT_65 pin= 47, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 51, code=298 297 295 294 293 291
SKA_E5_DT_35 pin= 51, code=296 295 292 291 289 286
SKA_E5_DT_50 pin= 51, code=295 293 290 288 286 282
SKA_E5_DT_65 pin= 51, code=295 292 289 286 283 ---
SKA_E5_DT_20 pin= 55, code=291 289 288 287 286 283
SKA_E5_DT_35 pin= 55, code=289 287 285 283 281 278
SKA_E5_DT_50 pin= 55, code=288 285 283 280 278 274
SKA_E5_DT_65 pin= 55, code=288 284 281 278 275 ---
SKA_E5_DT_20 pin=131, code=289 287 286 285 284 281

SKA_E5_DT_35 pin=131, code=287 285 283 281 279 276
SKA_E5_DT_50 pin=131, code=286 283 280 278 276 272
SKA_E5_DT_65 pin=131, code=286 282 279 276 273 ---
SKA_E5_DT_20 pin=135, code=297 296 294 293 292 289
SKA_E5_DT_35 pin=135, code=295 293 291 289 287 284
SKA_E5_DT_50 pin=135, code=294 291 288 287 284 280
SKA_E5_DT_65 pin=135, code=294 290 287 285 282 ---
SKA_E5_DT_20 pin=139, code=290 288 287 286 284 282
SKA_E5_DT_35 pin=139, code=288 286 284 282 280 277
SKA_E5_DT_50 pin=139, code=286 284 281 279 277 273
SKA_E5_DT_65 pin=139, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=143, code=290 289 288 286 285 283
SKA_E5_DT_35 pin=143, code=289 287 285 283 281 278
SKA_E5_DT_50 pin=143, code=287 285 282 280 278 273
SKA_E5_DT_65 pin=143, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=147, code=292 291 290 288 287 285
SKA_E5_DT_35 pin=147, code=290 289 286 284 283 280
SKA_E5_DT_50 pin=147, code=289 287 284 282 280 275
SKA_E5_DT_65 pin=147, code=289 286 283 280 276 ---
SKA_E5_DT_20 pin=151, code=293 291 290 289 288 285
SKA_E5_DT_35 pin=151, code=291 289 287 285 283 280
SKA_E5_DT_50 pin=151, code=289 287 285 282 280 276
SKA_E5_DT_65 pin=151, code=290 287 284 280 277 ---
SKA_E5_DT_20 pin=155, code=293 291 290 289 288 285
SKA_E5_DT_35 pin=155, code=291 289 287 285 283 280
SKA_E5_DT_50 pin=155, code=289 287 284 282 280 276
SKA_E5_DT_65 pin=155, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin=159, code=291 290 288 287 286 284
SKA_E5_DT_35 pin=159, code=289 288 286 284 282 279
SKA_E5_DT_50 pin=159, code=288 286 283 281 279 275
SKA_E5_DT_65 pin=159, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=163, code=295 294 292 291 290 287
SKA_E5_DT_35 pin=163, code=293 291 289 287 285 282
SKA_E5_DT_50 pin=163, code=292 289 287 284 282 278
SKA_E5_DT_65 pin=163, code=292 289 286 283 279 ---
SKA_E5_DT_20 pin=167, code=292 290 289 288 286 284

SKA_E5_DT_35 pin=167, code=290 288 286 284 282 279
SKA_E5_DT_50 pin=167, code=288 286 283 281 279 275
SKA_E5_DT_65 pin=167, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=171, code=320 319 319 319 318 316
SKA_E5_DT_35 pin=171, code=319 319 318 316 314 311
SKA_E5_DT_50 pin=171, code=319 318 315 313 310 306
SKA_E5_DT_65 pin=171, code=319 318 315 311 307 ---
SKA_E5_DT_20 pin=175, code=319 319 318 317 316 313
SKA_E5_DT_35 pin=175, code=319 317 315 313 311 307
SKA_E5_DT_50 pin=175, code=318 315 312 310 307 302
SKA_E5_DT_65 pin=175, code=318 315 311 307 304 ---
SKA_E5_DT_20 pin=179, code=320 320 320 319 319 319
SKA_E5_DT_35 pin=179, code=320 319 319 319 318 314
SKA_E5_DT_50 pin=179, code=319 319 319 317 314 309
SKA_E5_DT_65 pin=179, code=319 319 318 314 311 ---
SKA_E5_DT_20 pin=183, code=320 320 319 319 319 316
SKA_E5_DT_35 pin=183, code=319 319 318 316 314 310
SKA_E5_DT_50 pin=183, code=319 318 315 313 310 305
SKA_E5_DT_65 pin=183, code=319 317 313 310 307 ---
SKA_E6_DT_35 pin= 3, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin= 3, code=286 283 280 277 275 271
SKA_E6_DT_65 pin= 3, code=287 285 283 281 279 275
SKA_E6_DT_80 pin= 3, code=288 287 286 285 284 281
SKA_E6_DT_35 pin= 7, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin= 7, code=286 284 281 278 275 271
SKA_E6_DT_65 pin= 7, code=287 285 284 282 279 276
SKA_E6_DT_80 pin= 7, code=288 287 286 285 284 282
SKA_E6_DT_35 pin= 11, code=279 276 273 270 267 ---
SKA_E6_DT_50 pin= 11, code=279 277 274 271 269 265
SKA_E6_DT_65 pin= 11, code=281 279 277 275 272 269
SKA_E6_DT_80 pin= 11, code=282 281 280 279 278 275
SKA_E6_DT_35 pin= 15, code=287 284 282 279 276 ---
SKA_E6_DT_50 pin= 15, code=288 286 283 279 277 274
SKA_E6_DT_65 pin= 15, code=289 287 286 284 281 278
SKA_E6_DT_80 pin= 15, code=291 289 288 287 286 284
SKA_E6_DT_35 pin= 19, code=284 280 277 275 272 ---

SKA_E6_DT_50 pin= 19, code=284 282 279 276 273 270
SKA_E6_DT_65 pin= 19, code=285 284 282 280 277 274
SKA_E6_DT_80 pin= 19, code=287 286 285 284 283 280
SKA_E6_DT_35 pin= 23, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin= 23, code=286 284 281 278 275 272
SKA_E6_DT_65 pin= 23, code=287 285 284 282 279 276
SKA_E6_DT_80 pin= 23, code=288 287 286 285 284 282
SKA_E6_DT_35 pin= 27, code=281 278 275 272 269 ---
SKA_E6_DT_50 pin= 27, code=282 279 276 273 271 267
SKA_E6_DT_65 pin= 27, code=283 281 279 277 275 272
SKA_E6_DT_80 pin= 27, code=284 283 282 281 280 277
SKA_E6_DT_35 pin= 31, code=279 276 273 270 267 ---
SKA_E6_DT_50 pin= 31, code=280 277 274 271 269 265
SKA_E6_DT_65 pin= 31, code=281 279 277 275 273 270
SKA_E6_DT_80 pin= 31, code=283 281 280 279 278 275
SKA_E6_DT_35 pin= 35, code=287 284 281 278 276 ---
SKA_E6_DT_50 pin= 35, code=288 286 283 280 277 274
SKA_E6_DT_65 pin= 35, code=289 287 286 284 281 278
SKA_E6_DT_80 pin= 35, code=290 289 288 287 286 284
SKA_E6_DT_35 pin= 39, code=287 283 280 277 275 ---
SKA_E6_DT_50 pin= 39, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 39, code=288 287 285 283 281 277
SKA_E6_DT_80 pin= 39, code=290 289 287 286 285 283
SKA_E6_DT_35 pin= 43, code=292 289 286 284 281 ---
SKA_E6_DT_50 pin= 43, code=293 290 288 285 282 279
SKA_E6_DT_65 pin= 43, code=294 292 291 288 286 283
SKA_E6_DT_80 pin= 43, code=296 294 293 292 291 289
SKA_E6_DT_35 pin= 47, code=293 290 287 285 282 ---
SKA_E6_DT_50 pin= 47, code=294 291 288 286 283 280
SKA_E6_DT_65 pin= 47, code=295 293 291 289 287 284
SKA_E6_DT_80 pin= 47, code=297 295 294 293 292 289
SKA_E6_DT_35 pin= 51, code=296 293 290 288 285 ---
SKA_E6_DT_50 pin= 51, code=297 295 292 289 287 283
SKA_E6_DT_65 pin= 51, code=298 297 295 293 291 287
SKA_E6_DT_80 pin= 51, code=300 299 297 296 295 293
SKA_E6_DT_35 pin= 55, code=289 286 283 280 277 ---

SKA_E6_DT_50 pin= 55, code=290 288 285 282 279 276
SKA_E6_DT_65 pin= 55, code=291 289 287 286 283 280
SKA_E6_DT_80 pin= 55, code=293 291 290 289 288 286
SKA_E6_DT_35 pin=131, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin=131, code=288 286 283 280 278 274
SKA_E6_DT_65 pin=131, code=290 288 286 284 282 279
SKA_E6_DT_80 pin=131, code=291 290 289 288 287 284
SKA_E6_DT_35 pin=135, code=297 293 291 288 285 ---
SKA_E6_DT_50 pin=135, code=297 295 292 289 287 284
SKA_E6_DT_65 pin=135, code=298 297 295 293 291 287
SKA_E6_DT_80 pin=135, code=300 299 298 296 296 293
SKA_E6_DT_35 pin=139, code=289 286 283 281 277 ---
SKA_E6_DT_50 pin=139, code=289 287 284 281 279 275
SKA_E6_DT_65 pin=139, code=291 289 287 285 283 280
SKA_E6_DT_80 pin=139, code=292 291 290 288 288 285
SKA_E6_DT_35 pin=143, code=288 285 283 280 277 ---
SKA_E6_DT_50 pin=143, code=289 287 284 281 278 275
SKA_E6_DT_65 pin=143, code=290 288 287 285 282 279
SKA_E6_DT_80 pin=143, code=292 290 289 288 287 285
SKA_E6_DT_35 pin=147, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin=147, code=292 289 286 283 281 278
SKA_E6_DT_65 pin=147, code=293 291 289 287 285 282
SKA_E6_DT_80 pin=147, code=294 293 292 291 290 287
SKA_E6_DT_35 pin=151, code=292 289 287 284 281 ---
SKA_E6_DT_50 pin=151, code=293 290 287 285 283 279
SKA_E6_DT_65 pin=151, code=294 292 290 288 286 283
SKA_E6_DT_80 pin=151, code=295 294 293 292 291 288
SKA_E6_DT_35 pin=155, code=291 288 286 283 280 ---
SKA_E6_DT_50 pin=155, code=292 290 287 284 282 278
SKA_E6_DT_65 pin=155, code=293 291 290 288 286 282
SKA_E6_DT_80 pin=155, code=295 293 292 291 290 288
SKA_E6_DT_35 pin=159, code=290 287 284 282 279 ---
SKA_E6_DT_50 pin=159, code=291 289 286 283 281 277
SKA_E6_DT_65 pin=159, code=292 290 289 287 285 281
SKA_E6_DT_80 pin=159, code=294 293 291 290 289 287
SKA_E6_DT_35 pin=163, code=294 291 288 285 282 ---

SKA_E6_DT_50 pin=163, code=294 292 289 286 284 281
SKA_E6_DT_65 pin=163, code=296 294 292 290 288 285
SKA_E6_DT_80 pin=163, code=297 296 295 294 293 290
SKA_E6_DT_35 pin=167, code=289 286 284 281 278 ---
SKA_E6_DT_50 pin=167, code=290 288 285 282 279 276
SKA_E6_DT_65 pin=167, code=291 289 287 286 283 280
SKA_E6_DT_80 pin=167, code=292 291 290 289 288 286
SKA_E6_DT_35 pin=171, code=319 319 317 314 311 ---
SKA_E6_DT_50 pin=171, code=320 319 319 316 313 309
SKA_E6_DT_65 pin=171, code=320 320 319 319 318 313
SKA_E6_DT_80 pin=171, code=320 320 320 319 319 319
SKA_E6_DT_35 pin=175, code=319 316 313 310 307 ---
SKA_E6_DT_50 pin=175, code=319 318 315 311 308 305
SKA_E6_DT_65 pin=175, code=319 319 318 316 313 309
SKA_E6_DT_80 pin=175, code=320 319 319 319 319 316
SKA_E6_DT_35 pin=179, code=319 319 319 319 317 ---
SKA_E6_DT_50 pin=179, code=319 319 319 319 319 315
SKA_E6_DT_65 pin=179, code=320 320 319 319 319 319
SKA_E6_DT_80 pin=179, code=320 320 320 319 319 319
SKA_E6_DT_35 pin=183, code=319 317 314 310 306 ---
SKA_E6_DT_50 pin=183, code=319 319 316 313 309 304
SKA_E6_DT_65 pin=183, code=319 319 319 316 315 310
SKA_E6_DT_80 pin=183, code=320 320 319 319 319 317
SKA_E3_N pin= 3, code=178 (TR=179, TF=178)
SKA_E3_N pin= 7, code=176 (TR=178, TF=176)
SKA_E3_N pin= 11, code=168 (TR=169, TF=168)
SKA_E3_N pin= 15, code=186 (TR=186, TF=186)
SKA_E3_N pin= 19, code=176 (TR=177, TF=176)
SKA_E3_N pin= 23, code=181 (TR=182, TF=181)
SKA_E3_N pin= 27, code=175 (TR=176, TF=175)
SKA_E3_N pin= 31, code=169 (TR=169, TF=171)
SKA_E3_N pin= 35, code=182 (TR=184, TF=182)
SKA_E3_N pin= 39, code=182 (TR=182, TF=182)
SKA_E3_N pin= 43, code=193 (TR=195, TF=193)
SKA_E3_N pin= 47, code=193 (TR=193, TF=193)
SKA_E3_N pin= 51, code=198 (TR=198, TF=198)

SKA_E3_N pin= 55, code=186 (TR=187, TF=186)
SKA_E3_N pin=131, code=183 (TR=183, TF=183)
SKA_E3_N pin=135, code=197 (TR=197, TF=198)
SKA_E3_N pin=139, code=186 (TR=187, TF=186)
SKA_E3_N pin=143, code=185 (TR=186, TF=185)
SKA_E3_N pin=147, code=190 (TR=190, TF=190)
SKA_E3_N pin=151, code=188 (TR=188, TF=189)
SKA_E3_N pin=155, code=189 (TR=189, TF=189)
SKA_E3_N pin=159, code=188 (TR=188, TF=189)
SKA_E3_N pin=163, code=192 (TR=192, TF=192)
SKA_E3_N pin=167, code=186 (TR=187, TF=186)
SKA_E3_N pin=171, code=234 (TR=237, TF=234)
SKA_E3_N pin=175, code=228 (TR=229, TF=228)
SKA_E3_N pin=179, code=242 (TR=244, TF=242)
SKA_E3_N pin=183, code=227 (TR=229, TF=227)
SKW_E3_N_DRDS_20 pin= 3, code= 14 13 13 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 10 9 8 6
SKW_E3_N_DRDS_65 pin= 3, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 7, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 7, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 7, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 7, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 11, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 11, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 11, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 11, code= 13 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 15, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 15, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 15, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 15, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 19, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 19, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 19, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 19, code= 13 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 23, code= 14 13 13 12 11 10

SKW_E3_N_DRDS_35 pin= 23, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 23, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 23, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 27, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin= 27, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 27, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 27, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 31, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin= 31, code= 12 11 10 10 9 8
SKW_E3_N_DRDS_50 pin= 31, code= 11 10 9 8 7 6
SKW_E3_N_DRDS_65 pin= 31, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 35, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin= 35, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 35, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 35, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 39, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 39, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 39, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 39, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 43, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 43, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 43, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 43, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 47, code= 14 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 47, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 47, code= 12 11 9 8 7 5
SKW_E3_N_DRDS_65 pin= 47, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 51, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 51, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 51, code= 12 11 9 9 8 6
SKW_E3_N_DRDS_65 pin= 51, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 55, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 55, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 55, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 55, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=131, code= 13 13 12 11 11 10

SKW_E3_N_DRDS_35 pin=131, code= 12 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 11 11 10
SKW_E3_N_DRDS_35 pin=135, code= 12 11 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 13 13 12 12 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 10 8 7 ---
SKW_E3_N_DRDS_20 pin=143, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=143, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=143, code= 12 11 9 9 8 6
SKW_E3_N_DRDS_65 pin=143, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=147, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=147, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=147, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=147, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=151, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=151, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=151, code= 12 11 9 8 8 6
SKW_E3_N_DRDS_65 pin=151, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=155, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=155, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=155, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=155, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=159, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=159, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=159, code= 12 11 9 8 7 5
SKW_E3_N_DRDS_65 pin=159, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=163, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=163, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=163, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=163, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=167, code= 14 13 12 12 11 10

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

SKW_E3_N_DRDR_50 pin= 19, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 19, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 19, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 23, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 23, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 23, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 23, code= 13 13 12 12 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= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin= 31, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 31, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin= 31, code= 14 13 12 12 12 10
SKW_E3_N_DRDR_35 pin= 35, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 35, code= 12 11 9 8 7 6
SKW_E3_N_DRDR_65 pin= 35, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 35, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 39, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 39, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 39, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 39, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 43, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 43, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 43, code= 12 11 10 10 8 7
SKW_E3_N_DRDR_80 pin= 43, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 47, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 47, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 47, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 47, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 51, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 51, code= 12 11 9 8 7 6
SKW_E3_N_DRDR_65 pin= 51, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 51, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 55, code= 11 10 9 7 6 ---

SKW_E3_N_DRDR_50 pin= 55, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 55, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 55, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=131, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=131, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=131, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=131, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=135, code= 12 10 9 8 7 ---
SKW_E3_N_DRDR_50 pin=135, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin=135, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin=135, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=139, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=139, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=139, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=139, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=143, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=143, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=143, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=143, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=147, code= 12 10 9 8 6 ---
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= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=151, code= 12 11 9 8 7 6
SKW_E3_N_DRDR_65 pin=151, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=151, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=155, code= 11 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=155, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=155, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=155, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=159, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=159, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin=159, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin=159, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=163, code= 11 10 9 7 6 ---

SKW_E3_N_DRDR_50 pin=163, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=163, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=163, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=167, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=167, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=167, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=167, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=171, code= 13 11 9 8 6 ---
SKW_E3_N_DRDR_50 pin=171, code= 13 12 10 8 7 5
SKW_E3_N_DRDR_65 pin=171, code= 14 13 11 10 9 7
SKW_E3_N_DRDR_80 pin=171, code= 14 14 13 12 12 10
SKW_E3_N_DRDR_35 pin=175, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=175, code= 11 10 9 8 6 5
SKW_E3_N_DRDR_65 pin=175, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin=175, code= 12 12 11 11 10 9
SKW_E3_N_DRDR_35 pin=179, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=179, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=179, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=179, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=183, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=183, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=183, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=183, code= 13 13 12 11 11 10
SKA_E3_D pin= 3, code=164 (TR=165, TF=164)
SKA_E3_D pin= 7, code=163 (TR=163, TF=166)
SKA_E3_D pin= 11, code=155 (TR=155, TF=155)
SKA_E3_D pin= 15, code=167 (TR=167, TF=170)
SKA_E3_D pin= 19, code=161 (TR=161, TF=163)
SKA_E3_D pin= 23, code=164 (TR=164, TF=166)
SKA_E3_D pin= 27, code=160 (TR=160, TF=162)
SKA_E3_D pin= 31, code=155 (TR=155, TF=157)
SKA_E3_D pin= 35, code=168 (TR=168, TF=171)
SKA_E3_D pin= 39, code=168 (TR=168, TF=170)
SKA_E3_D pin= 43, code=178 (TR=178, TF=181)
SKA_E3_D pin= 47, code=178 (TR=178, TF=179)
SKA_E3_D pin= 51, code=184 (TR=184, TF=184)

SKA_E3_D pin= 55, code=172 (TR=172, TF=172)
SKA_E3_D pin=131, code=166 (TR=166, TF=170)
SKA_E3_D pin=135, code=181 (TR=181, TF=182)
SKA_E3_D pin=139, code=172 (TR=172, TF=173)
SKA_E3_D pin=143, code=170 (TR=170, TF=171)
SKA_E3_D pin=147, code=173 (TR=173, TF=174)
SKA_E3_D pin=151, code=173 (TR=173, TF=173)
SKA_E3_D pin=155, code=173 (TR=173, TF=174)
SKA_E3_D pin=159, code=171 (TR=171, TF=173)
SKA_E3_D pin=163, code=176 (TR=176, TF=176)
SKA_E3_D pin=167, code=172 (TR=172, TF=173)
SKA_E3_D pin=171, code=221 (TR=222, TF=221)
SKA_E3_D pin=175, code=209 (TR=209, TF=211)
SKA_E3_D pin=179, code=224 (TR=224, TF=227)
SKA_E3_D pin=183, code=206 (TR=206, TF=211)
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 13 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 7 ---
SKW_E3_D_DRES_20 pin= 11, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 11, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 11, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 11, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 15, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 15, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 15, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 15, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 19, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 19, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin= 19, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 19, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 23, code= 14 13 12 12 11 10

SKW_E3_D_DRES_35 pin= 23, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 23, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 23, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 27, code= 14 13 13 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 12 11 10
SKW_E3_D_DRES_35 pin= 31, code= 12 11 11 10 9 8
SKW_E3_D_DRES_50 pin= 31, code= 11 11 9 8 8 6
SKW_E3_D_DRES_65 pin= 31, code= 11 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= 12 10 9 8 7 5
SKW_E3_D_DRES_65 pin= 35, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 39, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 39, code= 13 12 11 10 9 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= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 43, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 43, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 43, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 47, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 47, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 47, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 47, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 51, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 51, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 51, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 51, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 55, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 55, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 55, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 55, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=131, code= 14 13 13 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 13 12 11 10
SKW_E3_D_DRES_35 pin=135, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=135, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=135, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=139, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=139, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=139, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=139, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=143, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=143, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin=143, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=143, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=147, code= 14 13 13 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= 13 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=151, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=151, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin=151, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=151, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=155, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=155, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=155, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=155, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=159, code= 13 12 12 11 11 10
SKW_E3_D_DRES_35 pin=159, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin=159, code= 12 10 9 8 7 5
SKW_E3_D_DRES_65 pin=159, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=163, code= 14 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 10 9 8 6
SKW_E3_D_DRES_65 pin=163, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=167, code= 13 13 12 11 11 10

SKW_E3_D_DRES_35 pin=167, code= 12 12 10 10 9 7
 SKW_E3_D_DRES_50 pin=167, code= 12 11 9 8 7 5
 SKW_E3_D_DRES_65 pin=167, code= 12 10 9 7 6 ---
 SKW_E3_D_DRES_20 pin=171, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=171, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=171, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=171, code= 13 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin=175, code= 13 12 12 11 11 10
 SKW_E3_D_DRES_35 pin=175, code= 12 11 11 10 9 7
 SKW_E3_D_DRES_50 pin=175, code= 12 11 9 8 7 6
 SKW_E3_D_DRES_65 pin=175, code= 12 10 9 7 6 ---
 SKW_E3_D_DRES_20 pin=179, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=179, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=179, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=179, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin=183, code= 13 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=183, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=183, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=183, code= 12 10 9 8 6 ---
 SKW_E3_D_DRER_35 pin= 3, code= 11 10 9 7 6 ---
 SKW_E3_D_DRER_50 pin= 3, code= 12 10 9 8 7 5
 SKW_E3_D_DRER_65 pin= 3, code= 12 11 10 10 9 7
 SKW_E3_D_DRER_80 pin= 3, code= 13 12 12 11 11 9
 SKW_E3_D_DRER_35 pin= 7, code= 13 11 10 9 7 ---
 SKW_E3_D_DRER_50 pin= 7, code= 13 12 11 10 8 7
 SKW_E3_D_DRER_65 pin= 7, code= 14 13 12 11 10 9
 SKW_E3_D_DRER_80 pin= 7, code= 15 14 14 13 13 11
 SKW_E3_D_DRER_35 pin= 11, code= 12 10 9 8 6 ---
 SKW_E3_D_DRER_50 pin= 11, code= 12 11 9 8 7 6
 SKW_E3_D_DRER_65 pin= 11, code= 13 12 11 10 9 7
 SKW_E3_D_DRER_80 pin= 11, code= 13 13 12 12 11 10
 SKW_E3_D_DRER_35 pin= 15, code= 13 11 10 9 7 ---
 SKW_E3_D_DRER_50 pin= 15, code= 13 12 11 9 8 7
 SKW_E3_D_DRER_65 pin= 15, code= 14 13 12 11 10 9
 SKW_E3_D_DRER_80 pin= 15, code= 15 14 13 13 12 11
 SKW_E3_D_DRER_35 pin= 19, code= 12 11 10 8 7 ---

SKW_E3_D_DRER_50 pin= 19, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 19, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin= 19, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 23, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 23, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 23, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin= 23, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 27, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin= 27, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 27, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 27, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 31, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 31, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 31, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin= 31, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 35, code= 13 11 10 9 8 ---
SKW_E3_D_DRER_50 pin= 35, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin= 35, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin= 35, code= 15 14 14 13 13 11
SKW_E3_D_DRER_35 pin= 39, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 39, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 39, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 39, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin= 43, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin= 43, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin= 43, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin= 43, code= 14 14 13 13 12 11
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= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin= 51, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 51, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 51, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 51, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 55, code= 11 10 8 7 6 ---

SKW_E3_D_DRER_50 pin= 55, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 55, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin= 55, code= 13 12 12 11 11 9
SKW_E3_D_DRER_35 pin=131, code= 13 12 10 9 8 ---
SKW_E3_D_DRER_50 pin=131, code= 14 12 11 10 9 7
SKW_E3_D_DRER_65 pin=131, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin=131, code= 15 14 14 13 13 11
SKW_E3_D_DRER_35 pin=135, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=135, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=135, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=135, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=139, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=139, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=139, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=139, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin=143, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=143, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=143, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=143, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=147, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=147, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=147, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=147, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=151, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=151, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=151, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=151, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=155, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=155, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=155, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=155, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=159, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=159, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=159, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=159, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=163, code= 12 10 9 8 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= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=167, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=167, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=167, code= 13 13 12 12 11 10
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= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=171, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=175, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=175, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=175, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=175, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin=179, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin=179, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=179, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=179, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=183, code= 13 12 10 9 7 ---
SKW_E3_D_DRER_50 pin=183, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin=183, code= 14 13 12 12 11 9
SKW_E3_D_DRER_80 pin=183, code= 15 14 14 13 13 12
SKA_E4_D pin= 3, code=180 (TR=180, TF=190)
SKA_E4_D pin= 7, code=179 (TR=179, TF=188)
SKA_E4_D pin= 11, code=170 (TR=170, TF=179)
SKA_E4_D pin= 15, code=186 (TR=186, TF=196)
SKA_E4_D pin= 19, code=178 (TR=178, TF=188)
SKA_E4_D pin= 23, code=182 (TR=182, TF=192)
SKA_E4_D pin= 27, code=177 (TR=177, TF=186)
SKA_E4_D pin= 31, code=171 (TR=171, TF=183)
SKA_E4_D pin= 35, code=184 (TR=184, TF=193)
SKA_E4_D pin= 39, code=184 (TR=184, TF=194)
SKA_E4_D pin= 43, code=195 (TR=195, TF=204)
SKA_E4_D pin= 47, code=194 (TR=194, TF=205)
SKA_E4_D pin= 51, code=198 (TR=198, TF=210)

SKA_E4_D pin= 55, code=188 (TR=188, TF=197)
 SKA_E4_D pin=131, code=183 (TR=183, TF=194)
 SKA_E4_D pin=135, code=198 (TR=198, TF=210)
 SKA_E4_D pin=139, code=188 (TR=188, TF=197)
 SKA_E4_D pin=143, code=186 (TR=186, TF=196)
 SKA_E4_D pin=147, code=191 (TR=191, TF=200)
 SKA_E4_D pin=151, code=190 (TR=190, TF=201)
 SKA_E4_D pin=155, code=190 (TR=190, TF=200)
 SKA_E4_D pin=159, code=189 (TR=189, TF=200)
 SKA_E4_D pin=163, code=193 (TR=193, TF=203)
 SKA_E4_D pin=167, code=187 (TR=187, TF=197)
 SKA_E4_D pin=171, code=239 (TR=239, TF=247)
 SKA_E4_D pin=175, code=226 (TR=226, TF=235)
 SKA_E4_D pin=179, code=244 (TR=244, TF=252)
 SKA_E4_D pin=183, code=229 (TR=229, TF=237)
 SKW_E4_D_DRDS_20 pin= 3, code= 13 13 12 11 11 10
 SKW_E4_D_DRDS_35 pin= 3, code= 12 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 3, code= 12 11 9 8 7 6
 SKW_E4_D_DRDS_65 pin= 3, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 7, code= 13 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 7, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 7, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 7, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 11, code= 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 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 15, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 15, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 15, code= 12 11 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 19, code= 13 13 12 11 11 10
 SKW_E4_D_DRDS_35 pin= 19, code= 12 11 11 10 9 7
 SKW_E4_D_DRDS_50 pin= 19, code= 12 11 9 8 7 6
 SKW_E4_D_DRDS_65 pin= 19, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 23, code= 14 13 12 12 11 10

SKW_E4_D_DRDS_35 pin= 23, code= 13 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 23, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin= 23, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 27, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 27, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 27, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 27, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 31, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 31, code= 12 11 11 10 9 8
SKW_E4_D_DRDS_50 pin= 31, code= 11 11 9 9 8 6
SKW_E4_D_DRDS_65 pin= 31, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 35, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 35, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 35, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 35, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 39, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 39, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 39, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin= 39, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 43, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin= 43, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 43, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 43, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 47, code= 14 13 13 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 11 10
SKW_E4_D_DRDS_35 pin= 55, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin= 55, code= 12 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 55, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=131, code= 14 13 12 12 11 10

SKW_E4_D_DRDS_35 pin=131, code= 13 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=135, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=135, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=135, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=135, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=139, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=139, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=139, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=139, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=143, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=143, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=143, code= 12 11 9 8 7 6
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 12 11 10
SKW_E4_D_DRDS_35 pin=151, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=151, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=151, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=155, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=155, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=155, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=155, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=159, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=159, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=159, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=159, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=163, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin=163, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin=163, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=163, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=167, code= 14 13 12 12 11 10

SKW_E4_D_DRDS_35 pin=167, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=167, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=167, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=171, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=171, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=171, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=171, code= 13 11 9 7 6 ---
SKW_E4_D_DRDS_20 pin=175, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=175, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=175, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=175, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=179, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=179, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=179, code= 12 11 10 9 8 5
SKW_E4_D_DRDS_65 pin=179, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=183, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=183, code= 13 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=183, code= 12 11 10 8 7 5
SKW_E4_D_DRDS_65 pin=183, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_35 pin= 3, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 3, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 3, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 3, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 7, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 7, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 7, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 7, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 11, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 11, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 11, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 11, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 15, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 15, code= 12 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 15, code= 12 11 10 10 8 7
SKW_E4_D_DRDR_80 pin= 15, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 19, code= 10 9 8 7 5 ---

SKW_E4_D_DRDR_50 pin= 19, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin= 19, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 19, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 23, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 23, code= 11 10 9 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 9 8 7 5 ---
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= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 31, code= 11 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 31, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 31, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin= 31, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 35, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 35, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 35, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 35, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 39, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 39, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 39, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 39, code= 13 12 12 11 10 9
SKW_E4_D_DRDR_35 pin= 43, code= 10 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 43, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin= 43, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 43, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 47, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 47, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 47, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 47, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 51, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 51, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin= 51, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 51, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 55, code= 11 9 8 7 5 ---

SKW_E4_D_DRDR_50 pin= 55, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 55, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 55, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=131, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin=131, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin=131, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=131, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin=135, code= 12 11 9 8 7 ---
SKW_E4_D_DRDR_50 pin=135, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin=135, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin=135, code= 14 13 12 12 12 10
SKW_E4_D_DRDR_35 pin=139, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=139, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=139, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=139, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=143, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=143, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=143, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=143, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=147, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=147, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=147, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=147, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=151, code= 11 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin=151, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=151, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=151, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=155, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=155, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=155, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=155, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=159, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin=159, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin=159, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=159, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=163, code= 11 9 8 7 6 ---

SKW_E4_D_DRDR_50 pin=163, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=163, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=163, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=167, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin=167, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=167, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=167, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=171, code= 11 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=171, code= 12 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=171, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=171, code= 13 12 12 11 10 9
SKW_E4_D_DRDR_35 pin=175, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=175, code= 11 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=175, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin=175, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=179, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=179, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=179, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=179, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=183, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin=183, code= 11 9 8 7 5 3
SKW_E4_D_DRDR_65 pin=183, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin=183, code= 12 11 11 10 10 9
SKA_E3_T_20 pin= 3, code=195 193 192 191 190 187
SKA_E3_T_35 pin= 3, code=193 191 189 187 185 182
SKA_E3_T_50 pin= 3, code=191 189 186 184 182 178
SKA_E3_T_65 pin= 3, code=191 189 185 182 179 ---
SKA_E3_T_20 pin= 7, code=194 193 192 191 189 187
SKA_E3_T_35 pin= 7, code=193 191 189 187 185 181
SKA_E3_T_50 pin= 7, code=191 189 186 183 181 177
SKA_E3_T_65 pin= 7, code=191 187 184 181 178 ---
SKA_E3_T_20 pin= 11, code=185 184 182 181 179 177
SKA_E3_T_35 pin= 11, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 11, code=182 179 176 174 172 167
SKA_E3_T_65 pin= 11, code=182 178 175 172 169 ---
SKA_E3_T_20 pin= 15, code=197 196 194 193 192 190

SKA_E3_T_35 pin= 15, code=195 193 191 189 188 184
SKA_E3_T_50 pin= 15, code=194 192 189 187 184 180
SKA_E3_T_65 pin= 15, code=194 191 188 185 181 ---
SKA_E3_T_20 pin= 19, code=191 190 188 187 186 183
SKA_E3_T_35 pin= 19, code=189 187 185 183 181 178
SKA_E3_T_50 pin= 19, code=188 185 182 180 178 174
SKA_E3_T_65 pin= 19, code=188 185 182 178 175 ---
SKA_E3_T_20 pin= 23, code=194 193 191 190 189 187
SKA_E3_T_35 pin= 23, code=192 191 189 186 185 181
SKA_E3_T_50 pin= 23, code=191 189 186 183 181 177
SKA_E3_T_65 pin= 23, code=191 188 185 181 178 ---
SKA_E3_T_20 pin= 27, code=191 189 188 187 185 183
SKA_E3_T_35 pin= 27, code=189 187 185 183 181 178
SKA_E3_T_50 pin= 27, code=187 185 182 180 178 173
SKA_E3_T_65 pin= 27, code=188 184 181 178 174 ---
SKA_E3_T_20 pin= 31, code=183 182 181 180 179 178
SKA_E3_T_35 pin= 31, code=181 180 178 176 175 172
SKA_E3_T_50 pin= 31, code=180 178 175 173 171 168
SKA_E3_T_65 pin= 31, code=180 177 174 171 168 ---
SKA_E3_T_20 pin= 35, code=198 196 195 194 192 191
SKA_E3_T_35 pin= 35, code=196 194 192 190 189 185
SKA_E3_T_50 pin= 35, code=195 192 190 187 185 181
SKA_E3_T_65 pin= 35, code=194 191 189 185 182 ---
SKA_E3_T_20 pin= 39, code=198 197 195 194 193 190
SKA_E3_T_35 pin= 39, code=196 194 192 190 188 185
SKA_E3_T_50 pin= 39, code=195 192 190 187 185 181
SKA_E3_T_65 pin= 39, code=195 191 189 185 182 ---
SKA_E3_T_20 pin= 43, code=208 207 205 204 203 200
SKA_E3_T_35 pin= 43, code=206 204 202 200 198 195
SKA_E3_T_50 pin= 43, code=205 203 200 197 195 191
SKA_E3_T_65 pin= 43, code=205 202 199 195 192 ---
SKA_E3_T_20 pin= 47, code=208 206 204 203 202 199
SKA_E3_T_35 pin= 47, code=205 204 201 199 197 194
SKA_E3_T_50 pin= 47, code=204 202 199 196 194 190
SKA_E3_T_65 pin= 47, code=204 201 198 194 191 ---
SKA_E3_T_20 pin= 51, code=213 212 210 209 208 206

SKA_E3_T_35 pin= 51, code=211 210 207 205 204 200
SKA_E3_T_50 pin= 51, code=210 208 205 203 200 196
SKA_E3_T_65 pin= 51, code=210 207 204 201 197 ---
SKA_E3_T_20 pin= 55, code=201 200 198 197 196 194
SKA_E3_T_35 pin= 55, code=199 198 195 193 192 189
SKA_E3_T_50 pin= 55, code=198 196 193 191 189 184
SKA_E3_T_65 pin= 55, code=198 195 192 189 186 ---
SKA_E3_T_20 pin=131, code=197 195 194 192 192 189
SKA_E3_T_35 pin=131, code=195 193 191 189 187 184
SKA_E3_T_50 pin=131, code=193 191 188 186 184 180
SKA_E3_T_65 pin=131, code=194 190 187 184 181 ---
SKA_E3_T_20 pin=135, code=211 210 209 207 206 203
SKA_E3_T_35 pin=135, code=210 208 206 203 202 198
SKA_E3_T_50 pin=135, code=208 206 203 200 198 194
SKA_E3_T_65 pin=135, code=208 205 202 198 195 ---
SKA_E3_T_20 pin=139, code=202 201 199 198 197 194
SKA_E3_T_35 pin=139, code=200 198 196 194 192 190
SKA_E3_T_50 pin=139, code=199 196 193 192 190 185
SKA_E3_T_65 pin=139, code=199 196 193 190 187 ---
SKA_E3_T_20 pin=143, code=199 198 196 195 194 192
SKA_E3_T_35 pin=143, code=198 196 193 192 190 187
SKA_E3_T_50 pin=143, code=196 194 191 189 187 182
SKA_E3_T_65 pin=143, code=196 193 190 187 184 ---
SKA_E3_T_20 pin=147, code=203 202 200 199 198 195
SKA_E3_T_35 pin=147, code=201 199 197 195 193 191
SKA_E3_T_50 pin=147, code=200 197 195 192 191 186
SKA_E3_T_65 pin=147, code=200 196 193 191 187 ---
SKA_E3_T_20 pin=151, code=203 201 200 199 197 195
SKA_E3_T_35 pin=151, code=201 199 197 195 193 190
SKA_E3_T_50 pin=151, code=199 197 194 192 190 186
SKA_E3_T_65 pin=151, code=200 196 193 190 187 ---
SKA_E3_T_20 pin=155, code=203 202 200 199 198 195
SKA_E3_T_35 pin=155, code=201 199 197 195 193 191
SKA_E3_T_50 pin=155, code=200 197 195 192 191 186
SKA_E3_T_65 pin=155, code=200 197 194 191 188 ---
SKA_E3_T_20 pin=159, code=201 199 198 196 195 193

SKA_E3_T_35 pin=159, code=199 197 195 193 191 188
SKA_E3_T_50 pin=159, code=197 195 192 190 188 184
SKA_E3_T_65 pin=159, code=197 194 191 188 185 ---
SKA_E3_T_20 pin=163, code=206 205 203 202 201 198
SKA_E3_T_35 pin=163, code=204 203 200 198 196 193
SKA_E3_T_50 pin=163, code=203 201 198 195 193 189
SKA_E3_T_65 pin=163, code=203 200 197 194 191 ---
SKA_E3_T_20 pin=167, code=201 200 198 197 196 194
SKA_E3_T_35 pin=167, code=199 197 195 193 192 189
SKA_E3_T_50 pin=167, code=198 196 193 191 189 185
SKA_E3_T_65 pin=167, code=198 195 192 189 186 ---
SKA_E3_T_20 pin=171, code=251 250 248 247 245 243
SKA_E3_T_35 pin=171, code=250 247 245 243 241 237
SKA_E3_T_50 pin=171, code=249 246 242 240 237 233
SKA_E3_T_65 pin=171, code=250 245 242 238 234 ---
SKA_E3_T_20 pin=175, code=242 240 239 237 236 233
SKA_E3_T_35 pin=175, code=240 238 235 233 231 227
SKA_E3_T_50 pin=175, code=238 235 232 229 227 222
SKA_E3_T_65 pin=175, code=238 235 231 227 224 ---
SKA_E3_T_20 pin=179, code=255 254 252 251 249 246
SKA_E3_T_35 pin=179, code=253 251 249 246 244 240
SKA_E3_T_50 pin=179, code=251 249 245 243 240 235
SKA_E3_T_65 pin=179, code=251 248 244 240 237 ---
SKA_E3_T_20 pin=183, code=240 238 236 235 234 231
SKA_E3_T_35 pin=183, code=238 235 233 231 228 224
SKA_E3_T_50 pin=183, code=236 233 230 227 224 220
SKA_E3_T_65 pin=183, code=235 231 228 224 222 ---
SKA_E4_T_35 pin= 3, code=204 201 198 195 192 ---
SKA_E4_T_50 pin= 3, code=205 202 199 196 194 191
SKA_E4_T_65 pin= 3, code=206 204 202 200 198 194
SKA_E4_T_80 pin= 3, code=208 206 205 204 203 200
SKA_E4_T_35 pin= 7, code=202 199 196 193 190 ---
SKA_E4_T_50 pin= 7, code=203 201 197 195 192 189
SKA_E4_T_65 pin= 7, code=204 203 201 199 196 193
SKA_E4_T_80 pin= 7, code=206 204 203 202 201 199
SKA_E4_T_35 pin= 11, code=193 190 188 185 182 ---

SKA_E4_T_50 pin= 11, code=194 192 189 186 184 180
SKA_E4_T_65 pin= 11, code=195 193 192 190 187 184
SKA_E4_T_80 pin= 11, code=197 195 194 193 192 190
SKA_E4_T_35 pin= 15, code=210 206 204 201 198 ---
SKA_E4_T_50 pin= 15, code=211 208 205 202 199 196
SKA_E4_T_65 pin= 15, code=212 210 208 206 204 200
SKA_E4_T_80 pin= 15, code=213 212 211 210 209 206
SKA_E4_T_35 pin= 19, code=202 198 195 193 190 ---
SKA_E4_T_50 pin= 19, code=202 200 197 194 192 188
SKA_E4_T_65 pin= 19, code=204 202 200 198 196 192
SKA_E4_T_80 pin= 19, code=205 204 203 202 201 198
SKA_E4_T_35 pin= 23, code=205 202 199 196 194 ---
SKA_E4_T_50 pin= 23, code=206 204 201 198 195 192
SKA_E4_T_65 pin= 23, code=208 206 204 202 200 196
SKA_E4_T_80 pin= 23, code=209 208 207 205 205 202
SKA_E4_T_35 pin= 27, code=200 197 194 192 189 ---
SKA_E4_T_50 pin= 27, code=201 198 195 192 190 187
SKA_E4_T_65 pin= 27, code=202 200 198 196 194 191
SKA_E4_T_80 pin= 27, code=203 202 201 200 199 196
SKA_E4_T_35 pin= 31, code=197 194 191 188 186 ---
SKA_E4_T_50 pin= 31, code=197 195 192 189 187 184
SKA_E4_T_65 pin= 31, code=198 197 195 193 191 188
SKA_E4_T_80 pin= 31, code=200 199 197 196 196 193
SKA_E4_T_35 pin= 35, code=208 204 201 198 196 ---
SKA_E4_T_50 pin= 35, code=208 206 203 200 197 194
SKA_E4_T_65 pin= 35, code=210 208 206 204 201 198
SKA_E4_T_80 pin= 35, code=211 210 209 208 207 204
SKA_E4_T_35 pin= 39, code=208 205 202 199 196 ---
SKA_E4_T_50 pin= 39, code=209 206 203 200 198 194
SKA_E4_T_65 pin= 39, code=210 208 206 204 202 198
SKA_E4_T_80 pin= 39, code=212 210 209 208 207 204
SKA_E4_T_35 pin= 43, code=218 215 212 210 207 ---
SKA_E4_T_50 pin= 43, code=219 217 214 211 208 205
SKA_E4_T_65 pin= 43, code=221 219 217 215 212 209
SKA_E4_T_80 pin= 43, code=222 221 220 218 218 215
SKA_E4_T_35 pin= 47, code=220 216 213 210 208 ---

SKA_E4_T_50 pin= 47, code=220 218 215 212 209 206
SKA_E4_T_65 pin= 47, code=222 220 218 216 214 210
SKA_E4_T_80 pin= 47, code=223 222 221 219 219 216
SKA_E4_T_35 pin= 51, code=224 221 218 215 212 ---
SKA_E4_T_50 pin= 51, code=225 222 220 217 214 211
SKA_E4_T_65 pin= 51, code=226 224 222 221 218 215
SKA_E4_T_80 pin= 51, code=227 226 225 224 223 221
SKA_E4_T_35 pin= 55, code=212 209 205 203 200 ---
SKA_E4_T_50 pin= 55, code=213 210 207 204 202 198
SKA_E4_T_65 pin= 55, code=214 212 210 208 206 202
SKA_E4_T_80 pin= 55, code=215 214 213 212 211 208
SKA_E4_T_35 pin=131, code=209 205 202 199 197 ---
SKA_E4_T_50 pin=131, code=209 207 204 201 198 195
SKA_E4_T_65 pin=131, code=210 208 207 205 202 199
SKA_E4_T_80 pin=131, code=212 211 209 208 207 205
SKA_E4_T_35 pin=135, code=224 221 219 216 213 ---
SKA_E4_T_50 pin=135, code=225 223 220 217 214 211
SKA_E4_T_65 pin=135, code=226 224 223 221 219 215
SKA_E4_T_80 pin=135, code=227 226 225 224 223 221
SKA_E4_T_35 pin=139, code=211 208 205 202 199 ---
SKA_E4_T_50 pin=139, code=212 209 206 203 201 197
SKA_E4_T_65 pin=139, code=213 211 209 207 205 202
SKA_E4_T_80 pin=139, code=214 213 212 211 210 207
SKA_E4_T_35 pin=143, code=210 207 204 201 198 ---
SKA_E4_T_50 pin=143, code=211 208 205 202 200 196
SKA_E4_T_65 pin=143, code=212 210 208 206 204 201
SKA_E4_T_80 pin=143, code=213 212 211 210 209 206
SKA_E4_T_35 pin=147, code=215 212 209 206 203 ---
SKA_E4_T_50 pin=147, code=216 213 210 207 205 201
SKA_E4_T_65 pin=147, code=217 215 213 211 209 205
SKA_E4_T_80 pin=147, code=218 217 216 215 214 211
SKA_E4_T_35 pin=151, code=216 212 210 207 203 ---
SKA_E4_T_50 pin=151, code=216 214 211 207 205 202
SKA_E4_T_65 pin=151, code=217 215 213 212 209 206
SKA_E4_T_80 pin=151, code=219 218 216 215 214 211
SKA_E4_T_35 pin=155, code=214 211 208 205 203 ---

SKA_E4_T_50 pin=155, code=215 212 210 207 204 201
SKA_E4_T_65 pin=155, code=216 214 213 210 208 205
SKA_E4_T_80 pin=155, code=218 216 215 214 213 211
SKA_E4_T_35 pin=159, code=215 211 208 206 203 ---
SKA_E4_T_50 pin=159, code=215 213 210 207 204 201
SKA_E4_T_65 pin=159, code=217 215 213 211 209 205
SKA_E4_T_80 pin=159, code=218 217 216 214 213 211
SKA_E4_T_35 pin=163, code=218 214 211 209 205 ---
SKA_E4_T_50 pin=163, code=218 216 213 210 207 204
SKA_E4_T_65 pin=163, code=219 218 216 214 211 208
SKA_E4_T_80 pin=163, code=221 220 218 217 217 213
SKA_E4_T_35 pin=167, code=211 208 205 202 199 ---
SKA_E4_T_50 pin=167, code=211 209 206 203 201 197
SKA_E4_T_65 pin=167, code=213 211 209 207 205 201
SKA_E4_T_80 pin=167, code=214 213 212 211 210 207
SKA_E4_T_35 pin=171, code=264 260 256 253 250 ---
SKA_E4_T_50 pin=171, code=265 262 258 254 251 248
SKA_E4_T_65 pin=171, code=267 264 262 259 256 252
SKA_E4_T_80 pin=171, code=269 267 265 264 263 259
SKA_E4_T_35 pin=175, code=251 247 244 241 238 ---
SKA_E4_T_50 pin=175, code=251 249 245 242 239 236
SKA_E4_T_65 pin=175, code=252 251 249 246 244 240
SKA_E4_T_80 pin=175, code=254 253 252 250 249 246
SKA_E4_T_35 pin=179, code=268 264 260 257 254 ---
SKA_E4_T_50 pin=179, code=268 265 262 259 256 252
SKA_E4_T_65 pin=179, code=270 268 265 263 260 257
SKA_E4_T_80 pin=179, code=272 270 269 267 266 263
SKA_E4_T_35 pin=183, code=254 250 246 242 238 ---
SKA_E4_T_50 pin=183, code=254 252 248 245 242 237
SKA_E4_T_65 pin=183, code=256 253 251 249 247 243
SKA_E4_T_80 pin=183, code=257 256 254 253 252 250

F SKW_E3_N_DRES_1V pin=171, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_2V pin=171, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_3V pin=171, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_4V pin=171, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_5V pin=171, code= 63, Llim= 0, Ulim= 63

F SKW_E3_N_DRES_7V pin=171, code= 63, Llim= 0, Ulim= 63

SKW_E3_N_DRES pin= 3, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 7, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 11, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin= 15, code= 13 12 11 11 11 10
SKW_E3_N_DRES pin= 19, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 23, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 27, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 31, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 35, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 39, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin= 43, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 47, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 51, code= 13 13 12 11 11 11
SKW_E3_N_DRES pin= 55, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=131, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=135, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=139, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=143, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=147, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=151, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=155, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=159, code= 13 12 11 11 10 10
SKW_E3_N_DRES pin=163, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=167, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=171, code= 63 63 63 63 63 63
SKW_E3_N_DRES pin=175, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=179, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=183, code= 13 12 11 10 10 10

F SKW_E3_N_ALER pin=171, code= 63, Llim= 0, Ulim= 63

SKW_E3_N_ALER pin= 3, code= 9
SKW_E3_N_ALER pin= 7, code= 9
SKW_E3_N_ALER pin= 11, code= 10
SKW_E3_N_ALER pin= 15, code= 9
SKW_E3_N_ALER pin= 19, code= 8
SKW_E3_N_ALER pin= 23, code= 9

SKW_E3_N_ALER pin= 27, code= 9
SKW_E3_N_ALER pin= 31, code= 9
SKW_E3_N_ALER pin= 35, code= 9
SKW_E3_N_ALER pin= 39, code= 7
SKW_E3_N_ALER pin= 43, code= 9
SKW_E3_N_ALER pin= 47, code= 10
SKW_E3_N_ALER pin= 51, code= 8
SKW_E3_N_ALER pin= 55, code= 8
SKW_E3_N_ALER pin=131, code= 8
SKW_E3_N_ALER pin=135, code= 7
SKW_E3_N_ALER pin=139, code= 9
SKW_E3_N_ALER pin=143, code= 8
SKW_E3_N_ALER pin=147, code= 8
SKW_E3_N_ALER pin=151, code= 8
SKW_E3_N_ALER pin=155, code= 8
SKW_E3_N_ALER pin=159, code= 7
SKW_E3_N_ALER pin=163, code= 8
SKW_E3_N_ALER pin=167, code= 9
SKW_E3_N_ALER pin=171, code= 63
SKW_E3_N_ALER pin=175, code= 10
SKW_E3_N_ALER pin=179, code= 10
SKW_E3_N_ALER pin=183, code= 9

F SKA_E4_N_ALE pin=171, code= 0, Llim= 0, Ulim=511

SKA_E4_N pin= 3, code=176 (DRE=195 195 194 193 191 188, ALE=176)
SKA_E4_N pin= 7, code=173 (DRE=198 198 197 195 194 190, ALE=173)
SKA_E4_N pin= 11, code=165 (DRE=187 187 186 185 183 180, ALE=165)
SKA_E4_N pin= 15, code=179 (DRE=201 201 200 198 197 193, ALE=179)
SKA_E4_N pin= 19, code=171 (DRE=194 195 193 192 191 187, ALE=171)
SKA_E4_N pin= 23, code=172 (DRE=196 197 196 194 193 189, ALE=172)
SKA_E4_N pin= 27, code=173 (DRE=193 193 192 191 189 186, ALE=173)
SKA_E4_N pin= 31, code=165 (DRE=190 190 189 187 186 183, ALE=165)
SKA_E4_N pin= 35, code=176 (DRE=201 202 201 199 197 194, ALE=176)
SKA_E4_N pin= 39, code=175 (DRE=201 202 200 199 197 194, ALE=175)
SKA_E4_N pin= 43, code=190 (DRE=210 211 209 208 206 203, ALE=190)
SKA_E4_N pin= 47, code=193 (DRE=210 210 209 207 206 202, ALE=193)
SKA_E4_N pin= 51, code=194 (DRE=213 213 212 211 209 205, ALE=194)

SKA_E4_N pin= 55, code=182 (DRE=202 202 201 200 198 194, ALE=182)
SKA_E4_N pin=131, code=178 (DRE=200 200 199 197 196 193, ALE=178)
SKA_E4_N pin=135, code=191 (DRE=212 212 211 210 209 205, ALE=191)
SKA_E4_N pin=139, code=183 (DRE=204 204 203 202 200 197, ALE=183)
SKA_E4_N pin=143, code=180 (DRE=200 201 200 198 197 194, ALE=180)
SKA_E4_N pin=147, code=183 (DRE=204 204 203 201 200 196, ALE=183)
SKA_E4_N pin=151, code=186 (DRE=205 205 204 203 201 197, ALE=186)
SKA_E4_N pin=155, code=183 (DRE=204 204 203 201 200 196, ALE=183)
SKA_E4_N pin=159, code=182 (DRE=203 204 202 201 199 196, ALE=182)
SKA_E4_N pin=163, code=187 (DRE=206 206 205 203 202 198, ALE=187)
SKA_E4_N pin=167, code=183 (DRE=203 203 202 200 199 196, ALE=183)
SKA_E4_N pin=171, code= 0 (DRE=232 234 233 231 230 226, ALE= 0)
SKA_E4_N pin=175, code=221 (DRE=242 243 242 240 238 235, ALE=221)
SKA_E4_N pin=179, code=239 (DRE=260 260 258 257 255 251, ALE=239)
SKA_E4_N pin=183, code=219 (DRE=244 244 243 241 239 235, ALE=219)

F SKW_E4_N_DRER_1V pin=171, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_2V pin=171, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_3V pin=171, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_4V pin=171, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_5V pin=171, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_7V pin=171, code= 63, Llim= 0, Ulim= 63

SKW_E4_N_DRER pin= 3, code= 14 14 13 13 12 10

SKW_E4_N_DRER pin= 7, code= 17 17 16 15 15 13

SKW_E4_N_DRER pin= 11, code= 15 15 15 14 13 12

SKW_E4_N_DRER pin= 15, code= 15 15 15 14 13 12

SKW_E4_N_DRER pin= 19, code= 15 16 15 15 14 12

SKW_E4_N_DRER pin= 23, code= 16 16 16 15 14 13

SKW_E4_N_DRER pin= 27, code= 14 15 14 13 13 11

SKW_E4_N_DRER pin= 31, code= 16 16 16 15 14 13

SKW_E4_N_DRER pin= 35, code= 17 17 16 16 15 13

SKW_E4_N_DRER pin= 39, code= 17 17 17 16 15 14

SKW_E4_N_DRER pin= 43, code= 15 15 14 14 13 11

SKW_E4_N_DRER pin= 47, code= 13 13 12 12 11 10

SKW_E4_N_DRER pin= 51, code= 14 14 13 12 12 10

SKW_E4_N_DRER pin= 55, code= 14 14 14 13 12 11

SKW_E4_N_DRER pin=131, code= 15 15 15 14 14 12

SKW_E4_N_DRER pin=135, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=139, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=143, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=147, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=151, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin=155, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin=159, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=163, code= 13 14 13 12 12 10
SKW_E4_N_DRER pin=167, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin=171, code= 63 63 63 63 63 63
SKW_E4_N_DRER pin=175, code= 14 14 13 13 12 11
SKW_E4_N_DRER pin=179, code= 13 14 13 12 12 10
SKW_E4_N_DRER pin=183, code= 15 15 14 14 13 12

F SKW_E4_N_ALES pin=171, code= 0, Llim= 0, Ulim= 63

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= 0
SKW_E4_N_ALES pin=175, code= 5
SKW_E4_N_ALES pin=179, code= 5
SKW_E4_N_ALES pin=183, code= 5
F SKA_E1_NDT_20_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_20_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_35_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_50_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_65_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E1_NDT_80_7V pin=172, code= 0, Llim= 0, Ulim=495

SKA_E1_NDT_20 pin= 4, code=298 296 295 294 292 290
SKA_E1_NDT_35 pin= 4, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin= 4, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 4, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 8, code=296 295 293 292 291 289
SKA_E1_NDT_35 pin= 8, code=294 292 290 288 287 284
SKA_E1_NDT_50 pin= 8, code=293 290 288 286 284 280
SKA_E1_NDT_65 pin= 8, code=292 289 286 284 281 ---
SKA_E1_NDT_20 pin= 12, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 12, code=292 290 288 286 285 282
SKA_E1_NDT_50 pin= 12, code=291 288 286 284 281 277
SKA_E1_NDT_65 pin= 12, code=291 287 284 281 278 ---
SKA_E1_NDT_20 pin= 16, code=295 293 292 291 290 288
SKA_E1_NDT_35 pin= 16, code=293 291 289 287 286 283
SKA_E1_NDT_50 pin= 16, code=291 289 287 284 282 278
SKA_E1_NDT_65 pin= 16, code=291 288 285 282 279 ---
SKA_E1_NDT_20 pin= 20, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin= 20, code=293 291 289 288 286 283
SKA_E1_NDT_50 pin= 20, code=291 289 287 285 283 279
SKA_E1_NDT_65 pin= 20, code=291 288 286 283 280 ---
SKA_E1_NDT_20 pin= 24, code=296 295 293 292 291 288
SKA_E1_NDT_35 pin= 24, code=294 292 290 288 287 283
SKA_E1_NDT_50 pin= 24, code=293 290 288 285 283 279
SKA_E1_NDT_65 pin= 24, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 28, code=287 286 284 283 282 279
SKA_E1_NDT_35 pin= 28, code=285 283 281 279 277 274
SKA_E1_NDT_50 pin= 28, code=284 282 279 276 274 270
SKA_E1_NDT_65 pin= 28, code=284 280 277 274 271 ---
SKA_E1_NDT_20 pin= 32, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin= 32, code=288 287 285 283 281 277
SKA_E1_NDT_50 pin= 32, code=287 285 282 280 277 273
SKA_E1_NDT_65 pin= 32, code=286 283 280 277 274 ---
SKA_E1_NDT_20 pin= 36, code=298 296 295 294 292 290
SKA_E1_NDT_35 pin= 36, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin= 36, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 36, code=294 291 288 285 282 ---

SKA_E1_NDT_20 pin= 40, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin= 40, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin= 40, code=293 291 288 286 284 280
SKA_E1_NDT_65 pin= 40, code=293 290 287 284 281 ---
SKA_E1_NDT_20 pin= 44, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin= 44, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin= 44, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin= 44, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin= 48, code=299 297 296 294 293 291
SKA_E1_NDT_35 pin= 48, code=297 295 293 291 289 286
SKA_E1_NDT_50 pin= 48, code=295 293 290 288 286 282
SKA_E1_NDT_65 pin= 48, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 52, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin= 52, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin= 52, code=298 295 293 290 288 285
SKA_E1_NDT_65 pin= 52, code=298 294 291 288 286 ---
SKA_E1_NDT_20 pin= 56, code=300 299 297 296 294 292
SKA_E1_NDT_35 pin= 56, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 56, code=297 294 291 289 287 283
SKA_E1_NDT_65 pin= 56, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=132, code=299 298 296 295 294 292
SKA_E1_NDT_35 pin=132, code=297 296 293 291 290 286
SKA_E1_NDT_50 pin=132, code=296 293 291 288 286 282
SKA_E1_NDT_65 pin=132, code=296 292 289 287 283 ---
SKA_E1_NDT_20 pin=136, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin=136, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=136, code=298 295 292 290 288 284
SKA_E1_NDT_65 pin=136, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin=140, code=298 296 295 294 293 290
SKA_E1_NDT_35 pin=140, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin=140, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin=140, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin=144, code=301 299 298 297 295 293
SKA_E1_NDT_35 pin=144, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=144, code=297 295 292 290 288 284
SKA_E1_NDT_65 pin=144, code=297 294 291 288 285 ---

SKA_E1_NDT_20 pin=148, code=302 300 299 298 296 294
SKA_E1_NDT_35 pin=148, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin=148, code=298 296 293 291 289 285
SKA_E1_NDT_65 pin=148, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin=152, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin=152, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=152, code=298 295 293 290 288 284
SKA_E1_NDT_65 pin=152, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin=156, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin=156, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=156, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=156, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=160, code=301 300 298 297 296 294
SKA_E1_NDT_35 pin=160, code=299 298 295 293 292 288
SKA_E1_NDT_50 pin=160, code=298 295 293 290 288 284
SKA_E1_NDT_65 pin=160, code=297 294 291 288 286 ---
SKA_E1_NDT_20 pin=164, code=302 301 300 298 297 295
SKA_E1_NDT_35 pin=164, code=300 299 297 294 293 290
SKA_E1_NDT_50 pin=164, code=299 297 294 292 290 285
SKA_E1_NDT_65 pin=164, code=299 295 292 289 287 ---
SKA_E1_NDT_20 pin=168, code=300 298 297 296 294 292
SKA_E1_NDT_35 pin=168, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=168, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=168, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=172, code= 0 0 0 0 0 0
SKA_E1_NDT_35 pin=172, code= 0 0 0 0 0 0
SKA_E1_NDT_50 pin=172, code= 0 0 0 0 0 0
SKA_E1_NDT_65 pin=172, code= 0 0 0 0 0 ---
SKA_E1_NDT_20 pin=176, code=320 320 320 319 319 319
SKA_E1_NDT_35 pin=176, code=320 319 319 319 317 314
SKA_E1_NDT_50 pin=176, code=319 319 318 316 314 309
SKA_E1_NDT_65 pin=176, code=319 319 317 314 310 ---
SKA_E1_NDT_20 pin=180, code=320 320 320 319 319 319
SKA_E1_NDT_35 pin=180, code=320 320 319 319 319 319
SKA_E1_NDT_50 pin=180, code=320 319 319 319 319 314
SKA_E1_NDT_65 pin=180, code=320 319 319 319 315 ---

SKA_E1_NDT_20 pin=184, code=320 320 320 320 319 319
SKA_E1_NDT_35 pin=184, code=320 320 319 319 319 318
SKA_E1_NDT_50 pin=184, code=320 319 319 319 317 313
SKA_E1_NDT_65 pin=184, code=320 319 319 317 314 ---
F SKA_E2_NDT_20_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_20_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_35_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E2_NDT_50_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_7V pin=172, code=511, Llim= 0, Ulim=495
SKA_E2_NDT_35 pin= 4, code=292 289 286 283 280 ---
SKA_E2_NDT_50 pin= 4, code=293 291 288 285 282 279

SKA_E2_NDT_65 pin= 4, code=294 292 291 289 287 283
SKA_E2_NDT_80 pin= 4, code=296 295 293 292 291 288
SKA_E2_NDT_35 pin= 8, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 8, code=292 290 287 284 281 277
SKA_E2_NDT_65 pin= 8, code=293 291 289 288 286 282
SKA_E2_NDT_80 pin= 8, code=295 293 292 291 290 288
SKA_E2_NDT_35 pin= 12, code=288 285 283 280 277 ---
SKA_E2_NDT_50 pin= 12, code=289 287 284 281 279 275
SKA_E2_NDT_65 pin= 12, code=290 289 287 285 283 279
SKA_E2_NDT_80 pin= 12, code=292 291 290 289 288 285
SKA_E2_NDT_35 pin= 16, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 16, code=291 288 286 283 280 277
SKA_E2_NDT_65 pin= 16, code=292 290 288 287 284 281
SKA_E2_NDT_80 pin= 16, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin= 20, code=289 286 283 281 278 ---
SKA_E2_NDT_50 pin= 20, code=290 288 285 282 280 276
SKA_E2_NDT_65 pin= 20, code=291 290 288 286 284 280
SKA_E2_NDT_80 pin= 20, code=293 292 291 289 289 286
SKA_E2_NDT_35 pin= 24, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 24, code=292 289 287 284 281 278
SKA_E2_NDT_65 pin= 24, code=293 291 289 288 285 282
SKA_E2_NDT_80 pin= 24, code=295 293 292 291 290 287
SKA_E2_NDT_35 pin= 28, code=281 278 275 273 270 ---
SKA_E2_NDT_50 pin= 28, code=282 280 277 274 271 268
SKA_E2_NDT_65 pin= 28, code=284 282 280 278 276 272
SKA_E2_NDT_80 pin= 28, code=285 284 283 282 281 278
SKA_E2_NDT_35 pin= 32, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin= 32, code=285 283 280 277 274 271
SKA_E2_NDT_65 pin= 32, code=286 284 283 281 278 275
SKA_E2_NDT_80 pin= 32, code=288 287 285 284 283 281
SKA_E2_NDT_35 pin= 36, code=293 289 287 284 281 ---
SKA_E2_NDT_50 pin= 36, code=294 291 288 285 283 279
SKA_E2_NDT_65 pin= 36, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 36, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin= 40, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 40, code=292 289 287 284 281 277

SKA_E2_NDT_65 pin= 40, code=293 291 289 288 285 282
SKA_E2_NDT_80 pin= 40, code=295 293 292 291 290 287
SKA_E2_NDT_35 pin= 44, code=297 293 290 288 285 ---
SKA_E2_NDT_50 pin= 44, code=298 295 292 289 287 283
SKA_E2_NDT_65 pin= 44, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 44, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin= 48, code=293 289 287 284 281 ---
SKA_E2_NDT_50 pin= 48, code=294 291 288 285 283 280
SKA_E2_NDT_65 pin= 48, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 48, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin= 52, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin= 52, code=297 294 291 289 286 283
SKA_E2_NDT_65 pin= 52, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin= 52, code=300 298 297 296 295 292
SKA_E2_NDT_35 pin= 56, code=294 291 288 285 282 ---
SKA_E2_NDT_50 pin= 56, code=295 293 290 287 284 281
SKA_E2_NDT_65 pin= 56, code=297 295 293 291 288 285
SKA_E2_NDT_80 pin= 56, code=298 297 296 294 293 291
SKA_E2_NDT_35 pin=132, code=294 290 287 285 282 ---
SKA_E2_NDT_50 pin=132, code=295 292 289 286 284 281
SKA_E2_NDT_65 pin=132, code=296 294 292 290 288 285
SKA_E2_NDT_80 pin=132, code=298 297 295 294 293 290
SKA_E2_NDT_35 pin=136, code=296 292 289 287 284 ---
SKA_E2_NDT_50 pin=136, code=297 294 291 288 286 283
SKA_E2_NDT_65 pin=136, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin=136, code=300 298 297 296 295 292
SKA_E2_NDT_35 pin=140, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin=140, code=294 291 288 286 283 280
SKA_E2_NDT_65 pin=140, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin=140, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin=144, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin=144, code=297 295 292 289 286 283
SKA_E2_NDT_65 pin=144, code=299 297 295 293 290 287
SKA_E2_NDT_80 pin=144, code=300 299 297 296 295 293
SKA_E2_NDT_35 pin=148, code=297 293 290 287 285 ---
SKA_E2_NDT_50 pin=148, code=298 295 292 289 287 283

SKA_E2_NDT_65 pin=148, code=299 297 295 293 291 288
SKA_E2_NDT_80 pin=148, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin=152, code=295 292 289 286 284 ---
SKA_E2_NDT_50 pin=152, code=296 294 291 288 285 282
SKA_E2_NDT_65 pin=152, code=298 296 294 292 289 286
SKA_E2_NDT_80 pin=152, code=299 298 296 295 294 292
SKA_E2_NDT_35 pin=156, code=295 292 289 286 283 ---
SKA_E2_NDT_50 pin=156, code=296 294 291 288 285 282
SKA_E2_NDT_65 pin=156, code=297 295 293 292 289 286
SKA_E2_NDT_80 pin=156, code=299 298 296 295 294 291
SKA_E2_NDT_35 pin=160, code=294 291 288 286 283 ---
SKA_E2_NDT_50 pin=160, code=296 293 290 287 285 281
SKA_E2_NDT_65 pin=160, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin=160, code=298 297 296 295 294 291
SKA_E2_NDT_35 pin=164, code=298 294 291 289 286 ---
SKA_E2_NDT_50 pin=164, code=299 296 293 290 288 284
SKA_E2_NDT_65 pin=164, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin=164, code=301 300 299 298 297 294
SKA_E2_NDT_35 pin=168, code=295 292 289 286 283 ---
SKA_E2_NDT_50 pin=168, code=296 293 291 288 285 282
SKA_E2_NDT_65 pin=168, code=297 295 293 291 289 286
SKA_E2_NDT_80 pin=168, code=299 298 296 295 294 291
SKA_E2_NDT_35 pin=172, code=511 511 511 511 511 ---
SKA_E2_NDT_50 pin=172, code=511 511 511 511 511 511
SKA_E2_NDT_65 pin=172, code=511 511 511 511 511 511
SKA_E2_NDT_80 pin=172, code=511 511 511 511 511 511
F SKA_E2_NDT_20_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_35_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_50_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E2_NDT_65_at0V pin=172, code=511, Ulim=495 : ShortMargin
SKA_E2_NDT_35 pin=176, code=319 319 316 313 310 ---
SKA_E2_NDT_50 pin=176, code=319 319 318 315 312 308
SKA_E2_NDT_65 pin=176, code=320 319 319 319 317 313
SKA_E2_NDT_80 pin=176, code=320 320 319 319 319 319
SKA_E2_NDT_35 pin=180, code=319 319 319 319 317 ---
SKA_E2_NDT_50 pin=180, code=320 319 319 319 319 315

SKA_E2_NDT_65 pin=180, code=320 320 319 319 319 319
SKA_E2_NDT_80 pin=180, code=320 320 320 319 319 319
SKA_E2_NDT_35 pin=184, code=319 319 319 315 311 ---
SKA_E2_NDT_50 pin=184, code=320 319 319 318 315 309
SKA_E2_NDT_65 pin=184, code=320 320 319 319 319 315
SKA_E2_NDT_80 pin=184, code=320 320 320 320 319 319
F SKA_E5_DT_20_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_80_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_20_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_35_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_50_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E5_DT_65_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E5_DT_80_7V pin=172, code=511, Llim= 0, Ulim=495

SKA_E5_DT_20 pin= 4, code=288 287 286 284 283 281
SKA_E5_DT_35 pin= 4, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 4, code=285 283 280 278 275 271
SKA_E5_DT_65 pin= 4, code=285 281 278 275 272 ---
SKA_E5_DT_20 pin= 8, code=286 285 284 283 281 279
SKA_E5_DT_35 pin= 8, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 8, code=283 281 278 276 274 269
SKA_E5_DT_65 pin= 8, code=283 279 276 274 271 ---
SKA_E5_DT_20 pin= 12, code=285 284 283 281 280 277
SKA_E5_DT_35 pin= 12, code=283 282 279 277 275 272
SKA_E5_DT_50 pin= 12, code=282 280 277 274 272 268
SKA_E5_DT_65 pin= 12, code=282 278 275 272 269 ---
SKA_E5_DT_20 pin= 16, code=287 285 284 283 281 279
SKA_E5_DT_35 pin= 16, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 16, code=283 281 278 276 274 269
SKA_E5_DT_65 pin= 16, code=283 279 277 274 270 ---
SKA_E5_DT_20 pin= 20, code=285 284 283 282 280 278
SKA_E5_DT_35 pin= 20, code=283 282 280 278 276 273
SKA_E5_DT_50 pin= 20, code=282 280 277 275 273 269
SKA_E5_DT_65 pin= 20, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin= 24, code=286 285 284 283 281 279
SKA_E5_DT_35 pin= 24, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 24, code=283 281 278 276 274 269
SKA_E5_DT_65 pin= 24, code=283 279 276 274 270 ---
SKA_E5_DT_20 pin= 28, code=276 275 273 272 271 268
SKA_E5_DT_35 pin= 28, code=274 273 270 268 266 263
SKA_E5_DT_50 pin= 28, code=273 270 268 265 263 259
SKA_E5_DT_65 pin= 28, code=273 269 266 263 260 ---
SKA_E5_DT_20 pin= 32, code=279 278 277 275 274 272
SKA_E5_DT_35 pin= 32, code=278 276 274 271 270 266
SKA_E5_DT_50 pin= 32, code=276 274 271 268 266 262
SKA_E5_DT_65 pin= 32, code=275 272 269 266 263 ---
SKA_E5_DT_20 pin= 36, code=289 287 286 285 283 281
SKA_E5_DT_35 pin= 36, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 36, code=285 283 280 278 276 272
SKA_E5_DT_65 pin= 36, code=285 282 279 276 273 ---

SKA_E5_DT_20 pin= 40, code=288 287 285 284 283 280
SKA_E5_DT_35 pin= 40, code=286 284 282 280 278 275
SKA_E5_DT_50 pin= 40, code=284 282 279 277 275 271
SKA_E5_DT_65 pin= 40, code=284 281 278 275 272 ---
SKA_E5_DT_20 pin= 44, code=293 291 290 289 288 285
SKA_E5_DT_35 pin= 44, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 44, code=289 287 284 282 280 276
SKA_E5_DT_65 pin= 44, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin= 48, code=290 288 287 286 285 282
SKA_E5_DT_35 pin= 48, code=288 286 284 282 280 277
SKA_E5_DT_50 pin= 48, code=287 284 282 279 277 273
SKA_E5_DT_65 pin= 48, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin= 52, code=292 291 289 288 287 285
SKA_E5_DT_35 pin= 52, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 52, code=289 287 284 282 280 276
SKA_E5_DT_65 pin= 52, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin= 56, code=290 289 288 287 285 283
SKA_E5_DT_35 pin= 56, code=289 287 285 283 281 278
SKA_E5_DT_50 pin= 56, code=287 285 282 280 278 273
SKA_E5_DT_65 pin= 56, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=132, code=290 289 288 287 285 283
SKA_E5_DT_35 pin=132, code=289 287 285 283 281 278
SKA_E5_DT_50 pin=132, code=287 285 282 280 278 273
SKA_E5_DT_65 pin=132, code=287 283 281 278 275 ---
SKA_E5_DT_20 pin=136, code=292 291 289 288 287 285
SKA_E5_DT_35 pin=136, code=290 288 287 284 283 279
SKA_E5_DT_50 pin=136, code=289 287 284 281 279 275
SKA_E5_DT_65 pin=136, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=140, code=288 287 285 284 283 280
SKA_E5_DT_35 pin=140, code=286 284 282 280 278 275
SKA_E5_DT_50 pin=140, code=285 282 279 277 275 271
SKA_E5_DT_65 pin=140, code=284 281 278 275 272 ---
SKA_E5_DT_20 pin=144, code=292 291 289 288 287 284
SKA_E5_DT_35 pin=144, code=290 288 286 284 283 279
SKA_E5_DT_50 pin=144, code=289 286 284 281 279 275
SKA_E5_DT_65 pin=144, code=288 285 282 279 276 ---

SKA_E5_DT_20 pin=148, code=293 291 290 289 287 285
SKA_E5_DT_35 pin=148, code=291 289 287 285 283 280
SKA_E5_DT_50 pin=148, code=289 287 284 282 280 276
SKA_E5_DT_65 pin=148, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin=152, code=292 290 289 288 287 284
SKA_E5_DT_35 pin=152, code=290 288 286 284 283 279
SKA_E5_DT_50 pin=152, code=288 286 284 281 279 275
SKA_E5_DT_65 pin=152, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=156, code=291 289 288 287 286 283
SKA_E5_DT_35 pin=156, code=289 287 285 283 282 278
SKA_E5_DT_50 pin=156, code=287 285 283 280 278 274
SKA_E5_DT_65 pin=156, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=160, code=291 290 288 287 286 284
SKA_E5_DT_35 pin=160, code=289 288 286 284 282 279
SKA_E5_DT_50 pin=160, code=288 286 283 281 279 274
SKA_E5_DT_65 pin=160, code=287 284 282 278 276 ---
SKA_E5_DT_20 pin=164, code=293 292 290 289 288 286
SKA_E5_DT_35 pin=164, code=291 290 287 286 284 281
SKA_E5_DT_50 pin=164, code=290 288 285 283 281 276
SKA_E5_DT_65 pin=164, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=168, code=290 289 287 286 285 283
SKA_E5_DT_35 pin=168, code=288 287 285 283 281 278
SKA_E5_DT_50 pin=168, code=287 285 282 280 278 274
SKA_E5_DT_65 pin=168, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=172, code= 0 0 0 0 0 0
SKA_E5_DT_35 pin=172, code= 0 0 0 0 0 0
SKA_E5_DT_50 pin=172, code= 0 0 0 0 0 0
SKA_E5_DT_65 pin=172, code= 0 0 0 0 0 ---
SKA_E5_DT_20 pin=176, code=319 319 318 317 316 313
SKA_E5_DT_35 pin=176, code=319 318 315 313 311 307
SKA_E5_DT_50 pin=176, code=318 315 312 309 307 302
SKA_E5_DT_65 pin=176, code=317 314 310 307 303 ---
SKA_E5_DT_20 pin=180, code=320 319 319 319 317 315
SKA_E5_DT_35 pin=180, code=319 319 317 315 313 309
SKA_E5_DT_50 pin=180, code=319 317 314 311 309 304
SKA_E5_DT_65 pin=180, code=319 316 312 309 305 ---

SKA_E5_DT_20 pin=184, code=319 319 318 317 316 313
SKA_E5_DT_35 pin=184, code=319 317 315 313 311 307
SKA_E5_DT_50 pin=184, code=318 315 312 309 307 303
SKA_E5_DT_65 pin=184, code=317 313 310 307 304 ---
F SKA_E6_DT_20_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_50_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_20_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_35_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E6_DT_50_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_65_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_7V pin=172, code=511, Llim= 0, Ulim=495
SKA_E6_DT_35 pin= 4, code=286 283 279 276 274 ---
SKA_E6_DT_50 pin= 4, code=287 284 282 278 276 272

SKA_E6_DT_65 pin= 4, code=288 286 284 283 280 276
SKA_E6_DT_80 pin= 4, code=289 288 287 286 285 282
SKA_E6_DT_35 pin= 8, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin= 8, code=285 283 280 277 274 270
SKA_E6_DT_65 pin= 8, code=287 285 283 281 279 275
SKA_E6_DT_80 pin= 8, code=288 287 286 284 284 281
SKA_E6_DT_35 pin= 12, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin= 12, code=284 281 278 275 273 269
SKA_E6_DT_65 pin= 12, code=285 283 281 279 277 274
SKA_E6_DT_80 pin= 12, code=287 285 284 283 282 279
SKA_E6_DT_35 pin= 16, code=285 281 278 275 273 ---
SKA_E6_DT_50 pin= 16, code=286 283 280 277 274 271
SKA_E6_DT_65 pin= 16, code=287 285 283 281 279 275
SKA_E6_DT_80 pin= 16, code=288 287 286 285 284 281
SKA_E6_DT_35 pin= 20, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin= 20, code=284 282 279 275 273 269
SKA_E6_DT_65 pin= 20, code=285 283 282 280 277 274
SKA_E6_DT_80 pin= 20, code=287 286 284 283 282 279
SKA_E6_DT_35 pin= 24, code=285 281 278 275 272 ---
SKA_E6_DT_50 pin= 24, code=286 283 280 277 274 271
SKA_E6_DT_65 pin= 24, code=287 285 283 281 279 275
SKA_E6_DT_80 pin= 24, code=288 287 286 285 284 281
SKA_E6_DT_35 pin= 28, code=274 271 267 265 262 ---
SKA_E6_DT_50 pin= 28, code=275 273 269 266 264 260
SKA_E6_DT_65 pin= 28, code=276 275 273 270 268 265
SKA_E6_DT_80 pin= 28, code=278 277 275 274 273 270
SKA_E6_DT_35 pin= 32, code=276 273 270 267 264 ---
SKA_E6_DT_50 pin= 32, code=277 275 272 269 266 263
SKA_E6_DT_65 pin= 32, code=279 277 275 273 271 267
SKA_E6_DT_80 pin= 32, code=280 279 278 277 276 273
SKA_E6_DT_35 pin= 36, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin= 36, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 36, code=288 287 285 283 281 277
SKA_E6_DT_80 pin= 36, code=290 289 287 286 286 283
SKA_E6_DT_35 pin= 40, code=285 282 278 275 273 ---
SKA_E6_DT_50 pin= 40, code=286 283 280 278 275 271

SKA_E6_DT_65 pin= 40, code=287 285 283 282 279 275
SKA_E6_DT_80 pin= 40, code=289 287 286 285 284 281
SKA_E6_DT_35 pin= 44, code=291 287 284 282 279 ---
SKA_E6_DT_50 pin= 44, code=291 289 286 283 281 277
SKA_E6_DT_65 pin= 44, code=293 291 289 287 285 281
SKA_E6_DT_80 pin= 44, code=294 293 292 291 290 287
SKA_E6_DT_35 pin= 48, code=287 284 281 278 275 ---
SKA_E6_DT_50 pin= 48, code=288 285 282 279 277 274
SKA_E6_DT_65 pin= 48, code=289 287 285 283 281 277
SKA_E6_DT_80 pin= 48, code=290 289 288 287 286 283
SKA_E6_DT_35 pin= 52, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin= 52, code=290 288 285 283 280 276
SKA_E6_DT_65 pin= 52, code=291 290 288 286 284 281
SKA_E6_DT_80 pin= 52, code=293 292 291 290 289 286
SKA_E6_DT_35 pin= 56, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin= 56, code=289 287 284 281 279 275
SKA_E6_DT_65 pin= 56, code=291 289 287 285 283 279
SKA_E6_DT_80 pin= 56, code=292 291 290 289 288 285
SKA_E6_DT_35 pin=132, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin=132, code=289 287 284 281 278 275
SKA_E6_DT_65 pin=132, code=290 288 287 285 283 279
SKA_E6_DT_80 pin=132, code=292 291 289 288 287 285
SKA_E6_DT_35 pin=136, code=289 286 283 281 278 ---
SKA_E6_DT_50 pin=136, code=290 288 285 282 280 276
SKA_E6_DT_65 pin=136, code=292 290 288 286 284 280
SKA_E6_DT_80 pin=136, code=293 292 291 289 289 286
SKA_E6_DT_35 pin=140, code=287 284 280 277 275 ---
SKA_E6_DT_50 pin=140, code=287 285 282 279 277 273
SKA_E6_DT_65 pin=140, code=289 287 285 283 281 277
SKA_E6_DT_80 pin=140, code=290 289 288 287 286 283
SKA_E6_DT_35 pin=144, code=290 287 283 280 278 ---
SKA_E6_DT_50 pin=144, code=290 288 285 282 280 276
SKA_E6_DT_65 pin=144, code=292 290 288 286 284 280
SKA_E6_DT_80 pin=144, code=293 292 291 290 289 286
SKA_E6_DT_35 pin=148, code=291 287 284 281 279 ---
SKA_E6_DT_50 pin=148, code=291 289 286 283 281 277

SKA_E6_DT_65 pin=148, code=293 291 289 287 285 281
SKA_E6_DT_80 pin=148, code=294 293 292 291 290 287
SKA_E6_DT_35 pin=152, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin=152, code=290 288 285 282 279 276
SKA_E6_DT_65 pin=152, code=291 289 288 286 283 280
SKA_E6_DT_80 pin=152, code=293 291 290 289 288 286
SKA_E6_DT_35 pin=156, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin=156, code=290 288 285 282 279 276
SKA_E6_DT_65 pin=156, code=291 289 288 286 283 280
SKA_E6_DT_80 pin=156, code=293 291 290 289 288 285
SKA_E6_DT_35 pin=160, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin=160, code=290 287 285 282 279 275
SKA_E6_DT_65 pin=160, code=291 289 287 286 283 280
SKA_E6_DT_80 pin=160, code=293 291 290 289 288 285
SKA_E6_DT_35 pin=164, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin=164, code=292 290 287 284 281 277
SKA_E6_DT_65 pin=164, code=293 291 290 288 285 282
SKA_E6_DT_80 pin=164, code=295 293 292 291 290 287
SKA_E6_DT_35 pin=168, code=289 285 283 280 277 ---
SKA_E6_DT_50 pin=168, code=290 287 284 282 279 275
SKA_E6_DT_65 pin=168, code=291 289 287 285 283 279
SKA_E6_DT_80 pin=168, code=292 291 290 289 288 285
SKA_E6_DT_35 pin=172, code=511 511 511 511 511 ---
SKA_E6_DT_50 pin=172, code=511 511 511 511 511 511
SKA_E6_DT_65 pin=172, code=511 511 511 511 511 511
SKA_E6_DT_80 pin=172, code=511 511 511 511 511 511
F SKA_E6_DT_20_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_35_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_50_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E6_DT_65_at0V pin=172, code=511, Ulim=495 : ShortMargin
SKA_E6_DT_35 pin=176, code=317 313 309 306 303 ---
SKA_E6_DT_50 pin=176, code=318 315 312 308 305 302
SKA_E6_DT_65 pin=176, code=319 317 315 313 310 306
SKA_E6_DT_80 pin=176, code=319 319 318 317 316 313
SKA_E6_DT_35 pin=180, code=317 314 310 307 304 ---
SKA_E6_DT_50 pin=180, code=318 315 312 309 306 302

SKA_E6_DT_65 pin=180, code=319 317 315 313 310 307
SKA_E6_DT_80 pin=180, code=319 319 318 317 316 313
SKA_E6_DT_35 pin=184, code=316 312 308 305 301 ---
SKA_E6_DT_50 pin=184, code=317 314 311 308 304 299
SKA_E6_DT_65 pin=184, code=318 316 314 312 309 305
SKA_E6_DT_80 pin=184, code=319 318 317 315 314 312
F SKA_E3_N_TR pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_N_TF pin=172, code=511, Llim= 0, Ulim=495
SKA_E3_N pin= 4, code=183 (TR=184, TF=183)
SKA_E3_N pin= 8, code=178 (TR=180, TF=178)
SKA_E3_N pin= 12, code=175 (TR=176, TF=175)
SKA_E3_N pin= 16, code=177 (TR=177, TF=177)
SKA_E3_N pin= 20, code=177 (TR=179, TF=177)
SKA_E3_N pin= 24, code=180 (TR=181, TF=180)
SKA_E3_N pin= 28, code=163 (TR=166, TF=163)
SKA_E3_N pin= 32, code=169 (TR=170, TF=169)
SKA_E3_N pin= 36, code=181 (TR=183, TF=181)
SKA_E3_N pin= 40, code=178 (TR=180, TF=178)
SKA_E3_N pin= 44, code=190 (TR=190, TF=191)
SKA_E3_N pin= 48, code=184 (TR=186, TF=184)
SKA_E3_N pin= 52, code=185 (TR=186, TF=185)
SKA_E3_N pin= 56, code=186 (TR=187, TF=186)
SKA_E3_N pin=132, code=184 (TR=186, TF=184)
SKA_E3_N pin=136, code=189 (TR=189, TF=189)
SKA_E3_N pin=140, code=185 (TR=185, TF=185)
SKA_E3_N pin=144, code=187 (TR=188, TF=187)
SKA_E3_N pin=148, code=190 (TR=190, TF=190)
SKA_E3_N pin=152, code=189 (TR=191, TF=189)
SKA_E3_N pin=156, code=187 (TR=188, TF=187)
SKA_E3_N pin=160, code=187 (TR=188, TF=187)
SKA_E3_N pin=164, code=189 (TR=192, TF=189)
SKA_E3_N pin=168, code=183 (TR=185, TF=183)
SKA_E3_N pin=172, code= 0 (TR= 0, TF=511)
SKA_E3_N pin=176, code=222 (TR=223, TF=222)
SKA_E3_N pin=180, code=223 (TR=223, TF=223)
SKA_E3_N pin=184, code=227 (TR=227, TF=227)

F SKW_E3_N_DRDS_20_1V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_1V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_1V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_1V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_1V pin=172, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_2V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_2V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_2V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_2V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_2V pin=172, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_3V pin=172, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_4V pin=172, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_5V pin=172, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_20_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_35_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_50_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_65_7V pin=172, code=511, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDS_80_7V pin=172, code=511, Llim= 0, Ulim= 63
 SKW_E3_N_DRDS_20 pin= 4, code= 14 14 13 12 12 10
 SKW_E3_N_DRDS_35 pin= 4, code= 13 13 11 10 10 8
 SKW_E3_N_DRDS_50 pin= 4, code= 13 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin= 4, code= 12 11 9 8 7 ---
 SKW_E3_N_DRDS_20 pin= 8, code= 14 14 13 13 12 11
 SKW_E3_N_DRDS_35 pin= 8, code= 14 13 12 11 10 8

SKW_E3_N_DRDS_50 pin= 8, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 8, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 12, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin= 12, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 12, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 12, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 16, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 16, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 16, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 16, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 20, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin= 20, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 20, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 20, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 24, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 24, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 24, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 24, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 28, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 28, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 28, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 28, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 32, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 32, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 32, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 32, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 36, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 36, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 36, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 36, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 40, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 40, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 40, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 40, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 44, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 44, code= 13 12 11 10 9 8

SKW_E3_N_DRDS_50 pin= 44, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 44, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 48, code= 15 14 14 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 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 52, code= 14 13 13 12 12 11
SKW_E3_N_DRDS_35 pin= 52, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 52, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 52, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 56, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 56, code= 13 12 11 10 9 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 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=132, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=132, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin=132, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=136, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin=136, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=136, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=136, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=140, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=140, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=140, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=140, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=144, code= 14 13 13 12 12 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 11 9 8 7 ---
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 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=152, code= 14 13 12 11 10 8

SKW_E3_N_DRDS_50 pin=152, code= 13 12 10 9 8 6
 SKW_E3_N_DRDS_65 pin=152, code= 13 11 10 8 7 ---
 SKW_E3_N_DRDS_20 pin=156, code= 15 14 13 13 12 11
 SKW_E3_N_DRDS_35 pin=156, code= 14 13 12 11 10 8
 SKW_E3_N_DRDS_50 pin=156, code= 13 12 10 9 8 6
 SKW_E3_N_DRDS_65 pin=156, code= 13 11 10 8 7 ---
 SKW_E3_N_DRDS_20 pin=160, code= 14 14 13 12 12 11
 SKW_E3_N_DRDS_35 pin=160, code= 13 12 11 10 10 8
 SKW_E3_N_DRDS_50 pin=160, code= 13 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin=160, code= 12 11 9 8 7 ---
 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= 14 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 13 13 12 11 10
 SKW_E3_N_DRDS_35 pin=168, code= 13 12 11 10 9 8
 SKW_E3_N_DRDS_50 pin=168, code= 12 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin=168, code= 12 11 9 8 7 ---
 SKW_E3_N_DRDS_20 pin=172, code= 0 0 0 0 0 0
 SKW_E3_N_DRDS_35 pin=172, code= 0 0 0 0 0 0
 SKW_E3_N_DRDS_50 pin=172, code= 0 0 0 0 0 0
 SKW_E3_N_DRDS_65 pin=172, code= 0 0 0 0 0 ---
 SKW_E3_N_DRDS_20 pin=176, code= 14 13 13 12 11 10
 SKW_E3_N_DRDS_35 pin=176, code= 13 12 11 10 9 8
 SKW_E3_N_DRDS_50 pin=176, code= 12 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin=176, code= 12 11 9 8 7 ---
 SKW_E3_N_DRDS_20 pin=180, code= 14 13 12 12 11 10
 SKW_E3_N_DRDS_35 pin=180, code= 13 12 11 10 9 8
 SKW_E3_N_DRDS_50 pin=180, code= 12 11 10 9 8 6
 SKW_E3_N_DRDS_65 pin=180, code= 12 10 9 8 6 ---
 SKW_E3_N_DRDS_20 pin=184, code= 13 13 12 11 11 10
 SKW_E3_N_DRDS_35 pin=184, code= 12 11 11 10 9 8
 SKW_E3_N_DRDS_50 pin=184, code= 12 11 9 8 7 6
 SKW_E3_N_DRDS_65 pin=184, code= 11 10 9 7 6 ---
 F SKW_E3_N_DRDR_20_1V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_1V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E3_N_DRDR_50_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_2V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_20_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_35_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_50_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_7V pin=172, code= 63, Llim= 0, Ulim= 63
 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= 14 13 13 12 11 10
 SKW_E3_N_DRDR_35 pin= 8, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 8, code= 12 11 10 8 7 5
 SKW_E3_N_DRDR_65 pin= 8, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 8, code= 14 13 12 12 11 10

SKW_E3_N_DRDR_35 pin= 12, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 12, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 12, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 12, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 16, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 16, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin= 16, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 16, code= 14 13 13 12 11 10
SKW_E3_N_DRDR_35 pin= 20, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 20, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 20, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 20, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 24, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 24, code= 12 10 9 8 6 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= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 28, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 28, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin= 32, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 32, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 32, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 32, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 36, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 36, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 36, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 36, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 40, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 40, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 40, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 40, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 44, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 44, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin= 44, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 44, code= 13 13 12 12 11 10

SKW_E3_N_DRDR_35 pin= 48, code= 11 10 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 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 48, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 52, code= 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 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 52, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 56, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 56, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 56, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 56, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=132, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=132, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=132, code= 12 11 10 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= 11 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 11 11 10
SKW_E3_N_DRDR_35 pin=140, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=140, code= 12 11 9 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= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=144, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=144, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=144, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=148, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=148, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=148, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=148, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=152, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=152, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin=152, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin=152, code= 14 13 13 12 12 10

SKW_E3_N_DRDR_35 pin=156, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=156, code= 12 11 10 8 7 6
 SKW_E3_N_DRDR_65 pin=156, code= 13 12 11 10 9 8
 SKW_E3_N_DRDR_80 pin=156, code= 14 13 12 12 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 6
 SKW_E3_N_DRDR_65 pin=160, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=160, code= 14 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin=164, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=164, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=164, code= 12 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin=164, code= 13 12 12 11 11 10
 SKW_E3_N_DRDR_35 pin=168, code= 11 10 8 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 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin=168, code= 13 12 12 11 11 10
 SKW_E3_N_DRDR_35 pin=172, code= 63 63 63 63 63 ---
 SKW_E3_N_DRDR_50 pin=172, code= 63 63 63 63 63 63
 SKW_E3_N_DRDR_65 pin=172, code= 63 63 63 63 63 63
 SKW_E3_N_DRDR_80 pin=172, code= 63 63 63 63 63 63
 SKW_E3_N_DRDR_35 pin=176, code= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin=176, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=176, code= 12 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin=176, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin=180, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=180, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=180, code= 12 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin=180, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin=184, code= 11 10 8 7 5 ---
 SKW_E3_N_DRDR_50 pin=184, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=184, code= 12 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin=184, code= 13 12 12 11 11 10
 F SKA_E3_D_TR pin=172, code= 0, Llim= 0, Ulim=495
 F SKA_E3_D_TF pin=172, code=511, Llim= 0, Ulim=495
 SKA_E3_D pin= 4, code=168 (TR=168, TF=169)
 SKA_E3_D pin= 8, code=165 (TR=165, TF=167)

SKA_E3_D pin= 12, code=161 (TR=162, TF=161)
SKA_E3_D pin= 16, code=160 (TR=162, TF=160)
SKA_E3_D pin= 20, code=161 (TR=162, TF=161)
SKA_E3_D pin= 24, code=164 (TR=164, TF=164)
SKA_E3_D pin= 28, code=149 (TR=149, TF=150)
SKA_E3_D pin= 32, code=155 (TR=155, TF=155)
SKA_E3_D pin= 36, code=168 (TR=168, TF=169)
SKA_E3_D pin= 40, code=164 (TR=164, TF=166)
SKA_E3_D pin= 44, code=174 (TR=174, TF=176)
SKA_E3_D pin= 48, code=168 (TR=168, TF=170)
SKA_E3_D pin= 52, code=170 (TR=170, TF=174)
SKA_E3_D pin= 56, code=171 (TR=171, TF=171)
SKA_E3_D pin=132, code=169 (TR=169, TF=170)
SKA_E3_D pin=136, code=173 (TR=173, TF=175)
SKA_E3_D pin=140, code=171 (TR=171, TF=172)
SKA_E3_D pin=144, code=172 (TR=172, TF=172)
SKA_E3_D pin=148, code=174 (TR=174, TF=175)
SKA_E3_D pin=152, code=173 (TR=173, TF=175)
SKA_E3_D pin=156, code=172 (TR=172, TF=173)
SKA_E3_D pin=160, code=172 (TR=172, TF=173)
SKA_E3_D pin=164, code=173 (TR=173, TF=175)
SKA_E3_D pin=168, code=169 (TR=169, TF=169)
SKA_E3_D pin=172, code= 0 (TR= 0, TF=511)
SKA_E3_D pin=176, code=204 (TR=204, TF=206)
SKA_E3_D pin=180, code=206 (TR=206, TF=207)
SKA_E3_D pin=184, code=209 (TR=209, TF=210)

F SKW_E3_D_DRES_20_1V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_1V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_1V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_1V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_1V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_20_2V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_35_2V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_50_2V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_65_2V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_D_DRES_80_2V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E3_D_DRES_20_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_20_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_35_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_50_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_65_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRES_80_7V pin=172, code= 63, Llim= 0, Ulim= 63
 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 9 8
 SKW_E3_D_DRES_50 pin= 4, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 4, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 8, code= 13 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 8, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 8, code= 12 11 9 8 8 6
 SKW_E3_D_DRES_65 pin= 8, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 12, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 12, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 12, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 12, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 16, code= 14 14 13 13 12 11
 SKW_E3_D_DRES_35 pin= 16, code= 14 13 12 11 10 9
 SKW_E3_D_DRES_50 pin= 16, code= 13 12 10 9 8 6
 SKW_E3_D_DRES_65 pin= 16, code= 13 11 10 8 7 ---

SKW_E3_D_DRES_20 pin= 20, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 20, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 20, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 20, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 24, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 24, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 24, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 24, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 28, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 28, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 28, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 28, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 32, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 32, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 32, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 32, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 36, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 36, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 36, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 36, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 40, code= 13 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 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 48, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 48, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 48, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 52, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 52, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 52, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 52, code= 12 10 9 8 6 ---

SKW_E3_D_DRES_20 pin= 56, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 56, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 56, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 56, code= 12 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 6 ---
SKW_E3_D_DRES_20 pin=136, code= 14 14 13 12 12 10
SKW_E3_D_DRES_35 pin=136, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=136, code= 13 11 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 13 12 12 11 10
SKW_E3_D_DRES_35 pin=140, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=140, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=140, code= 12 10 9 8 6 ---
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 8
SKW_E3_D_DRES_50 pin=144, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=144, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=148, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=148, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=148, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=148, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=152, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=152, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=152, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=152, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=156, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=156, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=156, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=156, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=160, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=160, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=160, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=160, code= 12 10 9 8 6 ---

SKW_E3_D_DRES_20 pin=164, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=164, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=164, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=164, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin=168, code= 13 13 12 11 11 10
 SKW_E3_D_DRES_35 pin=168, code= 12 12 11 10 9 7
 SKW_E3_D_DRES_50 pin=168, code= 12 11 9 8 7 6
 SKW_E3_D_DRES_65 pin=168, code= 11 10 9 7 6 ---
 SKW_E3_D_DRES_20 pin=172, code= 0 0 0 0 0 0
 SKW_E3_D_DRES_35 pin=172, code= 0 0 0 0 0 0
 SKW_E3_D_DRES_50 pin=172, code= 0 0 0 0 0 0
 SKW_E3_D_DRES_65 pin=172, code= 0 0 0 0 0 ---
 SKW_E3_D_DRES_20 pin=176, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=176, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=176, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=176, code= 12 10 9 8 6 ---
 SKW_E3_D_DRES_20 pin=180, code= 13 13 12 11 11 10
 SKW_E3_D_DRES_35 pin=180, code= 12 12 11 10 9 7
 SKW_E3_D_DRES_50 pin=180, code= 12 11 9 8 7 6
 SKW_E3_D_DRES_65 pin=180, code= 12 10 9 7 6 ---
 SKW_E3_D_DRES_20 pin=184, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin=184, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin=184, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin=184, code= 12 10 9 8 6 ---
 F SKW_E3_D_DRER_20_1V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_1V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_2V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_2V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_3V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_3V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E3_D_DRER_50_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_3V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_4V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_4V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_20_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_35_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_50_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_65_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_D_DRER_80_7V pin=172, code= 63, Llim= 0, Ulim= 63
 SKW_E3_D_DRER_35 pin= 4, code= 12 11 9 8 6 ---
 SKW_E3_D_DRER_50 pin= 4, code= 13 11 10 9 7 6
 SKW_E3_D_DRER_65 pin= 4, code= 13 12 11 11 9 8
 SKW_E3_D_DRER_80 pin= 4, code= 14 13 13 12 12 10
 SKW_E3_D_DRER_35 pin= 8, code= 12 11 9 8 7 ---
 SKW_E3_D_DRER_50 pin= 8, code= 13 12 10 9 8 6
 SKW_E3_D_DRER_65 pin= 8, code= 14 13 12 11 10 8
 SKW_E3_D_DRER_80 pin= 8, code= 14 14 13 12 12 11
 SKW_E3_D_DRER_35 pin= 12, code= 11 10 9 7 6 ---
 SKW_E3_D_DRER_50 pin= 12, code= 12 11 9 8 7 6
 SKW_E3_D_DRER_65 pin= 12, code= 12 12 11 10 9 7
 SKW_E3_D_DRER_80 pin= 12, code= 13 13 12 11 11 10
 SKW_E3_D_DRER_35 pin= 16, code= 12 10 9 7 6 ---
 SKW_E3_D_DRER_50 pin= 16, code= 12 11 10 8 7 6
 SKW_E3_D_DRER_65 pin= 16, code= 13 12 11 10 9 7
 SKW_E3_D_DRER_80 pin= 16, code= 13 13 12 12 11 10
 SKW_E3_D_DRER_35 pin= 20, code= 11 10 9 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 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 20, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 24, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 24, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 24, code= 12 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 10 9 8 7 ---
SKW_E3_D_DRER_50 pin= 28, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 28, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 28, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 32, code= 11 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= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 36, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 36, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 36, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 40, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 40, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 40, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin= 40, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 44, code= 12 10 9 8 7 ---
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 12 10
SKW_E3_D_DRER_35 pin= 48, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 48, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 48, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 48, code= 15 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 52, code= 14 12 11 9 8 ---
SKW_E3_D_DRER_50 pin= 52, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin= 52, code= 14 14 13 12 11 9
SKW_E3_D_DRER_80 pin= 52, code= 15 15 14 14 13 12
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 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=132, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=132, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=132, code= 14 13 12 12 12 10
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 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=140, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=140, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=140, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=144, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=144, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=144, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=144, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=148, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=148, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=148, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=148, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=152, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin=152, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin=152, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=152, code= 15 14 13 13 13 11
SKW_E3_D_DRER_35 pin=156, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=156, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=156, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=156, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=160, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=160, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin=160, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin=160, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=164, code= 12 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= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=164, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=168, code= 11 10 9 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= 63 63 63 63 63 ---
SKW_E3_D_DRER_50 pin=172, code= 63 63 63 63 63 63
SKW_E3_D_DRER_65 pin=172, code= 63 63 63 63 63 63
SKW_E3_D_DRER_80 pin=172, code= 63 63 63 63 63 63
SKW_E3_D_DRER_35 pin=176, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=176, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=176, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=176, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=180, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=180, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=180, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=180, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=184, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=184, code= 13 11 10 9 7 5
SKW_E3_D_DRER_65 pin=184, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=184, code= 14 13 13 12 12 10

F SKA_E4_D_TR pin=172, code= 0, Llim= 0, Ulim=495

F SKA_E4_D_TF pin=172, code=511, Llim= 0, Ulim=495

SKA_E4_D pin= 4, code=184 (TR=184, TF=194)
SKA_E4_D pin= 8, code=180 (TR=180, TF=189)
SKA_E4_D pin= 12, code=177 (TR=177, TF=186)
SKA_E4_D pin= 16, code=178 (TR=178, TF=188)
SKA_E4_D pin= 20, code=179 (TR=179, TF=188)
SKA_E4_D pin= 24, code=181 (TR=181, TF=191)
SKA_E4_D pin= 28, code=165 (TR=165, TF=173)
SKA_E4_D pin= 32, code=170 (TR=170, TF=179)
SKA_E4_D pin= 36, code=184 (TR=184, TF=192)
SKA_E4_D pin= 40, code=180 (TR=180, TF=189)
SKA_E4_D pin= 44, code=191 (TR=191, TF=202)
SKA_E4_D pin= 48, code=186 (TR=186, TF=194)

SKA_E4_D pin= 52, code=187 (TR=187, TF=196)

SKA_E4_D pin= 56, code=187 (TR=187, TF=197)

SKA_E4_D pin=132, code=186 (TR=186, TF=194)

SKA_E4_D pin=136, code=189 (TR=189, TF=198)

SKA_E4_D pin=140, code=186 (TR=186, TF=195)

SKA_E4_D pin=144, code=189 (TR=189, TF=198)

SKA_E4_D pin=148, code=191 (TR=191, TF=200)

SKA_E4_D pin=152, code=190 (TR=190, TF=199)

SKA_E4_D pin=156, code=189 (TR=189, TF=197)

SKA_E4_D pin=160, code=188 (TR=188, TF=197)

SKA_E4_D pin=164, code=192 (TR=192, TF=200)

SKA_E4_D pin=168, code=185 (TR=185, TF=195)

SKA_E4_D pin=172, code= 0 (TR= 0, TF=511)

SKA_E4_D pin=176, code=224 (TR=224, TF=233)

SKA_E4_D pin=180, code=222 (TR=222, TF=233)

SKA_E4_D pin=184, code=227 (TR=227, TF=237)

F SKW_E4_D_DRDS_20_1V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_1V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_1V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_1V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_1V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_2V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_2V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_2V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_2V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_2V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_3V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_3V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_3V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_3V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_3V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_4V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_35_4V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_50_4V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_65_4V pin=172, code= 0, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_80_4V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDS_20_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_35_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_50_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_65_5V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_80_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_20_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_35_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_50_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_65_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDS_80_7V pin=172, code= 63, Llim= 0, Ulim= 63
 SKW_E4_D_DRDS_20 pin= 4, code= 14 13 13 12 12 10
 SKW_E4_D_DRDS_35 pin= 4, code= 13 12 11 10 10 8
 SKW_E4_D_DRDS_50 pin= 4, code= 13 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 4, code= 12 11 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 8, code= 14 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 8, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 8, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 8, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 12, code= 13 13 12 11 11 10
 SKW_E4_D_DRDS_35 pin= 12, code= 12 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 12, code= 12 11 9 9 8 6
 SKW_E4_D_DRDS_65 pin= 12, code= 12 10 9 7 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 7 6
 SKW_E4_D_DRDS_65 pin= 16, code= 12 10 9 7 6 ---
 SKW_E4_D_DRDS_20 pin= 20, code= 13 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 20, code= 12 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 20, code= 12 11 9 9 8 6
 SKW_E4_D_DRDS_65 pin= 20, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 24, code= 14 13 13 12 11 10
 SKW_E4_D_DRDS_35 pin= 24, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 24, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 24, code= 12 11 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 28, code= 13 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 28, code= 13 12 11 10 9 8

SKW_E4_D_DRDS_50 pin= 28, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 28, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 32, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 32, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 32, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 32, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 36, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin= 36, code= 12 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 7 6 ---
SKW_E4_D_DRDS_20 pin= 40, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 40, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 40, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 40, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 44, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 44, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 44, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 44, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 48, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 48, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 48, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 48, code= 12 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= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 52, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 52, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 56, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 56, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 56, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 56, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=132, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=132, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=132, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=132, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=136, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=136, code= 13 12 11 10 9 8

SKW_E4_D_DRDS_50 pin=136, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=136, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=140, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=140, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=140, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=140, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=144, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=144, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=144, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=144, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=148, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=148, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=148, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=148, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=152, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=152, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=152, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=152, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=156, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=156, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=156, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=156, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=160, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=160, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=160, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=160, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=164, code= 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 11 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= 0 0 0 0 0 0
SKW_E4_D_DRDS_35 pin=172, code= 0 0 0 0 0 0

SKW_E4_D_DRDS_50 pin=172, code= 0 0 0 0 0 0
SKW_E4_D_DRDS_65 pin=172, code= 0 0 0 0 0 ---
SKW_E4_D_DRDS_20 pin=176, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=176, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=176, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=176, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=180, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=180, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=180, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=180, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=184, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=184, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=184, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=184, code= 12 10 9 8 6 ---
F SKW_E4_D_DRDR_20_1V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_1V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_1V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_1V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_1V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_2V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_2V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_2V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_2V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_2V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_3V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_3V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_3V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_3V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_3V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_4V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_4V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_50_4V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_65_4V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_80_4V pin=172, code= 63, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_20_5V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E4_D_DRDR_35_5V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_D_DRDR_50_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_65_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_80_5V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_20_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_35_7V pin=172, code= 0, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_50_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_65_7V pin=172, code= 63, Llim= 0, Ulim= 63
 F SKW_E4_D_DRDR_80_7V pin=172, code= 63, Llim= 0, Ulim= 63
 SKW_E4_D_DRDR_35 pin= 4, code= 12 10 8 7 6 ---
 SKW_E4_D_DRDR_50 pin= 4, code= 12 11 9 8 7 5
 SKW_E4_D_DRDR_65 pin= 4, code= 13 12 11 10 9 7
 SKW_E4_D_DRDR_80 pin= 4, code= 13 13 12 12 11 10
 SKW_E4_D_DRDR_35 pin= 8, code= 11 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin= 8, code= 11 10 9 7 6 4
 SKW_E4_D_DRDR_65 pin= 8, code= 12 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin= 8, code= 12 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin= 12, code= 10 9 7 6 5 ---
 SKW_E4_D_DRDR_50 pin= 12, code= 10 9 8 7 6 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 9
 SKW_E4_D_DRDR_35 pin= 16, code= 11 10 8 7 6 ---
 SKW_E4_D_DRDR_50 pin= 16, code= 12 11 9 8 7 5
 SKW_E4_D_DRDR_65 pin= 16, code= 12 12 11 10 9 7
 SKW_E4_D_DRDR_80 pin= 16, code= 13 13 12 11 11 10
 SKW_E4_D_DRDR_35 pin= 20, code= 10 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin= 20, code= 11 10 8 7 6 4
 SKW_E4_D_DRDR_65 pin= 20, code= 11 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin= 20, code= 12 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin= 24, code= 11 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin= 24, code= 11 10 9 7 6 5
 SKW_E4_D_DRDR_65 pin= 24, code= 12 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin= 24, code= 13 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin= 28, code= 10 8 7 6 5 ---
 SKW_E4_D_DRDR_50 pin= 28, code= 10 9 8 6 5 4
 SKW_E4_D_DRDR_65 pin= 28, code= 11 10 9 8 7 6
 SKW_E4_D_DRDR_80 pin= 28, code= 11 11 10 10 9 8

SKW_E4_D_DRDR_35 pin= 32, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 32, code= 11 10 9 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 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 36, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 36, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 36, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 40, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 40, code= 10 9 8 7 6 4
SKW_E4_D_DRDR_65 pin= 40, code= 11 10 9 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 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 44, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 44, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 44, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 48, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 48, code= 11 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 48, code= 11 10 9 9 7 6
SKW_E4_D_DRDR_80 pin= 48, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 52, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 52, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 52, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 52, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 56, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 56, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin= 56, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin= 56, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=132, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=132, code= 11 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=132, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=132, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=136, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=136, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=136, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin=136, code= 13 12 12 11 11 10

SKW_E4_D_DRDR_35 pin=140, code= 11 10 8 7 6 ---
 SKW_E4_D_DRDR_50 pin=140, code= 11 10 9 8 6 5
 SKW_E4_D_DRDR_65 pin=140, code= 12 11 10 9 8 7
 SKW_E4_D_DRDR_80 pin=140, code= 13 12 12 11 11 9
 SKW_E4_D_DRDR_35 pin=144, code= 11 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin=144, code= 11 10 9 7 6 5
 SKW_E4_D_DRDR_65 pin=144, code= 12 11 10 9 8 7
 SKW_E4_D_DRDR_80 pin=144, code= 13 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin=148, code= 11 9 8 7 5 ---
 SKW_E4_D_DRDR_50 pin=148, code= 11 10 9 8 6 5
 SKW_E4_D_DRDR_65 pin=148, code= 12 11 10 9 8 7
 SKW_E4_D_DRDR_80 pin=148, code= 13 12 12 11 11 9
 SKW_E4_D_DRDR_35 pin=152, code= 11 9 8 7 5 ---
 SKW_E4_D_DRDR_50 pin=152, code= 11 10 9 7 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 11 9
 SKW_E4_D_DRDR_35 pin=156, code= 11 9 8 6 5 ---
 SKW_E4_D_DRDR_50 pin=156, code= 11 10 9 7 6 4
 SKW_E4_D_DRDR_65 pin=156, code= 12 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin=156, code= 12 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin=160, code= 11 9 8 7 6 ---
 SKW_E4_D_DRDR_50 pin=160, code= 11 10 9 8 6 5
 SKW_E4_D_DRDR_65 pin=160, code= 12 11 10 10 8 7
 SKW_E4_D_DRDR_80 pin=160, code= 13 12 12 11 11 9
 SKW_E4_D_DRDR_35 pin=164, code= 10 8 7 6 5 ---
 SKW_E4_D_DRDR_50 pin=164, code= 10 9 8 6 5 4
 SKW_E4_D_DRDR_65 pin=164, code= 11 10 9 8 7 6
 SKW_E4_D_DRDR_80 pin=164, code= 12 11 10 10 10 8
 SKW_E4_D_DRDR_35 pin=168, code= 11 9 8 7 5 ---
 SKW_E4_D_DRDR_50 pin=168, code= 11 10 9 7 6 5
 SKW_E4_D_DRDR_65 pin=168, code= 11 11 10 9 8 6
 SKW_E4_D_DRDR_80 pin=168, code= 12 12 11 11 10 9
 SKW_E4_D_DRDR_35 pin=172, code= 63 63 63 63 63 ---
 SKW_E4_D_DRDR_50 pin=172, code= 63 63 63 63 63 63
 SKW_E4_D_DRDR_65 pin=172, code= 63 63 63 63 63 63
 SKW_E4_D_DRDR_80 pin=172, code= 63 63 63 63 63 63

SKW_E4_D_DRDR_35 pin=176, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=176, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=176, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=176, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=180, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=180, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=180, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=180, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=184, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin=184, code= 12 10 9 8 6 4
SKW_E4_D_DRDR_65 pin=184, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=184, code= 13 12 12 11 11 10
F SKA_E3_T_20_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_65_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_20_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_35_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E3_T_50_7V pin=172, code= 0, Llim= 0, Ulim=495
SKA_E3_T_20 pin= 4, code=199 197 196 195 193 191

SKA_E3_T_35 pin= 4, code=197 195 193 191 189 186
SKA_E3_T_50 pin= 4, code=195 193 190 188 186 182
SKA_E3_T_65 pin= 4, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 8, code=195 194 192 191 190 188
SKA_E3_T_35 pin= 8, code=193 191 190 187 186 182
SKA_E3_T_50 pin= 8, code=192 190 187 184 182 178
SKA_E3_T_65 pin= 8, code=191 188 185 182 179 ---
SKA_E3_T_20 pin= 12, code=193 191 190 189 188 185
SKA_E3_T_35 pin= 12, code=191 189 187 185 183 180
SKA_E3_T_50 pin= 12, code=190 187 184 182 180 175
SKA_E3_T_65 pin= 12, code=190 186 183 180 177 ---
SKA_E3_T_20 pin= 16, code=192 191 189 188 187 185
SKA_E3_T_35 pin= 16, code=191 189 187 184 183 179
SKA_E3_T_50 pin= 16, code=189 187 184 181 179 175
SKA_E3_T_65 pin= 16, code=188 185 182 179 176 ---
SKA_E3_T_20 pin= 20, code=191 190 189 188 187 184
SKA_E3_T_35 pin= 20, code=190 188 186 184 182 179
SKA_E3_T_50 pin= 20, code=188 186 183 181 179 175
SKA_E3_T_65 pin= 20, code=188 185 182 179 176 ---
SKA_E3_T_20 pin= 24, code=194 193 192 191 189 187
SKA_E3_T_35 pin= 24, code=192 191 189 187 185 181
SKA_E3_T_50 pin= 24, code=191 189 186 183 181 177
SKA_E3_T_65 pin= 24, code=191 187 184 181 178 ---
SKA_E3_T_20 pin= 28, code=180 179 177 176 175 172
SKA_E3_T_35 pin= 28, code=178 176 174 172 170 167
SKA_E3_T_50 pin= 28, code=177 174 171 169 167 163
SKA_E3_T_65 pin= 28, code=177 173 170 167 164 ---
SKA_E3_T_20 pin= 32, code=185 184 182 181 180 177
SKA_E3_T_35 pin= 32, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 32, code=182 179 176 174 172 168
SKA_E3_T_65 pin= 32, code=181 178 175 172 169 ---
SKA_E3_T_20 pin= 36, code=199 197 196 195 193 191
SKA_E3_T_35 pin= 36, code=197 195 193 191 190 186
SKA_E3_T_50 pin= 36, code=195 193 191 188 186 182
SKA_E3_T_65 pin= 36, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 40, code=195 194 192 191 190 188

SKA_E3_T_35 pin= 40, code=193 192 190 188 186 182
SKA_E3_T_50 pin= 40, code=192 190 187 185 182 178
SKA_E3_T_65 pin= 40, code=192 188 186 182 179 ---
SKA_E3_T_20 pin= 44, code=205 203 202 201 199 197
SKA_E3_T_35 pin= 44, code=203 201 199 197 195 192
SKA_E3_T_50 pin= 44, code=201 199 196 194 192 188
SKA_E3_T_65 pin= 44, code=201 198 195 192 189 ---
SKA_E3_T_20 pin= 48, code=199 197 196 195 193 191
SKA_E3_T_35 pin= 48, code=197 195 193 191 189 186
SKA_E3_T_50 pin= 48, code=195 193 190 188 186 182
SKA_E3_T_65 pin= 48, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 52, code=201 200 198 197 196 194
SKA_E3_T_35 pin= 52, code=199 197 195 193 192 188
SKA_E3_T_50 pin= 52, code=198 195 193 191 188 184
SKA_E3_T_65 pin= 52, code=198 194 192 188 185 ---
SKA_E3_T_20 pin= 56, code=201 200 198 197 196 193
SKA_E3_T_35 pin= 56, code=199 197 195 193 191 188
SKA_E3_T_50 pin= 56, code=198 195 192 190 188 184
SKA_E3_T_65 pin= 56, code=197 194 191 188 185 ---
SKA_E3_T_20 pin=132, code=200 198 197 196 194 192
SKA_E3_T_35 pin=132, code=198 196 194 192 190 187
SKA_E3_T_50 pin=132, code=196 194 191 189 187 183
SKA_E3_T_65 pin=132, code=196 192 190 187 184 ---
SKA_E3_T_20 pin=136, code=204 202 201 200 198 196
SKA_E3_T_35 pin=136, code=202 200 198 195 194 191
SKA_E3_T_50 pin=136, code=200 198 195 192 191 186
SKA_E3_T_65 pin=136, code=200 196 193 191 188 ---
SKA_E3_T_20 pin=140, code=201 200 198 197 196 193
SKA_E3_T_35 pin=140, code=199 197 195 193 191 188
SKA_E3_T_50 pin=140, code=197 195 192 190 188 184
SKA_E3_T_65 pin=140, code=197 194 191 188 185 ---
SKA_E3_T_20 pin=144, code=202 201 199 198 197 194
SKA_E3_T_35 pin=144, code=200 198 196 194 192 189
SKA_E3_T_50 pin=144, code=199 196 193 191 189 185
SKA_E3_T_65 pin=144, code=198 195 192 189 186 ---
SKA_E3_T_20 pin=148, code=204 203 201 200 199 196

SKA_E3_T_35 pin=148, code=202 200 198 196 195 191
SKA_E3_T_50 pin=148, code=201 199 196 193 191 187
SKA_E3_T_65 pin=148, code=201 197 194 191 188 ---
SKA_E3_T_20 pin=152, code=203 202 200 199 198 195
SKA_E3_T_35 pin=152, code=201 199 197 195 193 191
SKA_E3_T_50 pin=152, code=200 198 195 192 191 186
SKA_E3_T_65 pin=152, code=200 196 193 191 187 ---
SKA_E3_T_20 pin=156, code=202 201 199 198 197 195
SKA_E3_T_35 pin=156, code=200 198 196 194 193 190
SKA_E3_T_50 pin=156, code=199 197 194 192 190 185
SKA_E3_T_65 pin=156, code=198 195 192 190 186 ---
SKA_E3_T_20 pin=160, code=203 201 200 198 197 195
SKA_E3_T_35 pin=160, code=201 199 197 194 193 190
SKA_E3_T_50 pin=160, code=199 197 194 192 190 185
SKA_E3_T_65 pin=160, code=198 195 192 190 187 ---
SKA_E3_T_20 pin=164, code=204 202 201 200 198 196
SKA_E3_T_35 pin=164, code=202 200 198 196 194 191
SKA_E3_T_50 pin=164, code=200 198 195 193 191 187
SKA_E3_T_65 pin=164, code=200 197 194 191 188 ---
SKA_E3_T_20 pin=168, code=199 198 196 195 194 191
SKA_E3_T_35 pin=168, code=197 195 193 191 190 187
SKA_E3_T_50 pin=168, code=195 193 191 189 187 182
SKA_E3_T_65 pin=168, code=195 192 189 187 183 ---
SKA_E3_T_20 pin=172, code= 0 0 0 0 0 0
SKA_E3_T_35 pin=172, code= 0 0 0 0 0 0
SKA_E3_T_50 pin=172, code= 0 0 0 0 0 0
SKA_E3_T_65 pin=172, code= 0 0 0 0 0 ---
SKA_E3_T_20 pin=176, code=236 235 233 232 230 228
SKA_E3_T_35 pin=176, code=234 232 230 227 225 222
SKA_E3_T_50 pin=176, code=233 230 227 224 222 217
SKA_E3_T_65 pin=176, code=232 228 225 222 219 ---
SKA_E3_T_20 pin=180, code=240 239 237 236 234 231
SKA_E3_T_35 pin=180, code=238 236 234 231 229 225
SKA_E3_T_50 pin=180, code=236 234 230 228 225 221
SKA_E3_T_65 pin=180, code=236 232 229 225 222 ---
SKA_E3_T_20 pin=184, code=241 240 238 237 235 233

SKA_E3_T_35 pin=184, code=239 237 235 232 230 227
SKA_E3_T_50 pin=184, code=237 235 232 229 227 223
SKA_E3_T_65 pin=184, code=236 233 230 226 224 ---
F SKA_E4_T_20_1V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_1V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_2V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_2V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_3V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_3V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_4V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_4V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_5V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_50_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_5V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_20_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_35_7V pin=172, code= 0, Llim= 0, Ulim=495
F SKA_E4_T_50_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_65_7V pin=172, code=511, Llim= 0, Ulim=495
F SKA_E4_T_80_7V pin=172, code=511, Llim= 0, Ulim=495
SKA_E4_T_35 pin= 4, code=209 205 202 198 196 ---
SKA_E4_T_50 pin= 4, code=209 207 204 201 198 194
SKA_E4_T_65 pin= 4, code=211 209 207 205 202 198

SKA_E4_T_80 pin= 4, code=212 211 210 208 207 204
SKA_E4_T_35 pin= 8, code=203 200 197 194 191 ---
SKA_E4_T_50 pin= 8, code=204 202 199 196 193 190
SKA_E4_T_65 pin= 8, code=206 204 202 200 198 194
SKA_E4_T_80 pin= 8, code=207 206 205 203 203 200
SKA_E4_T_35 pin= 12, code=200 197 194 191 189 ---
SKA_E4_T_50 pin= 12, code=201 199 196 192 190 187
SKA_E4_T_65 pin= 12, code=202 201 199 197 194 191
SKA_E4_T_80 pin= 12, code=204 203 202 200 199 196
SKA_E4_T_35 pin= 16, code=203 199 196 193 191 ---
SKA_E4_T_50 pin= 16, code=204 201 198 195 192 189
SKA_E4_T_65 pin= 16, code=205 203 201 199 197 193
SKA_E4_T_80 pin= 16, code=207 205 204 203 202 199
SKA_E4_T_35 pin= 20, code=202 198 195 193 190 ---
SKA_E4_T_50 pin= 20, code=203 200 197 194 192 188
SKA_E4_T_65 pin= 20, code=204 202 200 198 196 193
SKA_E4_T_80 pin= 20, code=206 204 203 202 201 198
SKA_E4_T_35 pin= 24, code=205 201 198 195 192 ---
SKA_E4_T_50 pin= 24, code=206 203 200 197 194 191
SKA_E4_T_65 pin= 24, code=207 205 203 201 199 195
SKA_E4_T_80 pin= 24, code=209 207 206 205 204 201
SKA_E4_T_35 pin= 28, code=188 185 181 179 176 ---
SKA_E4_T_50 pin= 28, code=189 186 183 180 178 174
SKA_E4_T_65 pin= 28, code=190 188 186 185 182 179
SKA_E4_T_80 pin= 28, code=192 190 189 188 187 184
SKA_E4_T_35 pin= 32, code=193 190 187 184 182 ---
SKA_E4_T_50 pin= 32, code=194 192 189 186 183 180
SKA_E4_T_65 pin= 32, code=196 194 192 190 188 184
SKA_E4_T_80 pin= 32, code=197 196 195 193 193 190
SKA_E4_T_35 pin= 36, code=207 203 200 198 195 ---
SKA_E4_T_50 pin= 36, code=208 205 202 199 197 193
SKA_E4_T_65 pin= 36, code=209 207 205 203 201 197
SKA_E4_T_80 pin= 36, code=211 210 208 207 206 203
SKA_E4_T_35 pin= 40, code=203 200 196 193 191 ---
SKA_E4_T_50 pin= 40, code=204 202 198 196 193 190
SKA_E4_T_65 pin= 40, code=205 203 201 200 197 193

SKA_E4_T_80 pin= 40, code=207 206 204 203 202 199
SKA_E4_T_35 pin= 44, code=216 213 209 207 204 ---
SKA_E4_T_50 pin= 44, code=217 214 211 208 206 202
SKA_E4_T_65 pin= 44, code=218 216 214 212 210 206
SKA_E4_T_80 pin= 44, code=220 219 217 216 215 212
SKA_E4_T_35 pin= 48, code=208 204 201 199 196 ---
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=212 210 209 208 207 204
SKA_E4_T_35 pin= 52, code=211 207 204 201 198 ---
SKA_E4_T_50 pin= 52, code=212 209 206 203 201 197
SKA_E4_T_65 pin= 52, code=213 211 209 207 205 201
SKA_E4_T_80 pin= 52, code=214 213 212 211 210 207
SKA_E4_T_35 pin= 56, code=211 208 205 202 199 ---
SKA_E4_T_50 pin= 56, code=212 210 207 204 201 198
SKA_E4_T_65 pin= 56, code=214 212 210 208 205 202
SKA_E4_T_80 pin= 56, code=215 214 213 212 211 208
SKA_E4_T_35 pin=132, code=209 205 202 199 196 ---
SKA_E4_T_50 pin=132, code=210 207 204 201 198 195
SKA_E4_T_65 pin=132, code=211 209 207 205 203 199
SKA_E4_T_80 pin=132, code=212 211 210 209 208 205
SKA_E4_T_35 pin=136, code=213 210 206 204 201 ---
SKA_E4_T_50 pin=136, code=214 212 209 205 203 199
SKA_E4_T_65 pin=136, code=215 213 212 210 207 203
SKA_E4_T_80 pin=136, code=217 215 214 213 212 210
SKA_E4_T_35 pin=140, code=210 206 203 200 197 ---
SKA_E4_T_50 pin=140, code=211 208 205 202 199 196
SKA_E4_T_65 pin=140, code=212 210 208 206 204 200
SKA_E4_T_80 pin=140, code=213 212 211 210 209 206
SKA_E4_T_35 pin=144, code=213 209 206 203 200 ---
SKA_E4_T_50 pin=144, code=214 211 208 205 203 199
SKA_E4_T_65 pin=144, code=215 213 211 209 207 203
SKA_E4_T_80 pin=144, code=217 215 214 213 212 209
SKA_E4_T_35 pin=148, code=215 211 208 205 202 ---
SKA_E4_T_50 pin=148, code=215 213 210 207 204 201
SKA_E4_T_65 pin=148, code=217 215 213 211 209 205

SKA_E4_T_80 pin=148, code=218 217 216 215 214 211
SKA_E4_T_35 pin=152, code=213 210 207 204 201 ---
SKA_E4_T_50 pin=152, code=214 212 209 205 203 199
SKA_E4_T_65 pin=152, code=215 213 212 210 207 204
SKA_E4_T_80 pin=152, code=217 216 214 213 212 209
SKA_E4_T_35 pin=156, code=212 209 205 202 200 ---
SKA_E4_T_50 pin=156, code=213 210 207 204 202 198
SKA_E4_T_65 pin=156, code=214 212 210 208 206 203
SKA_E4_T_80 pin=156, code=216 214 213 212 211 208
SKA_E4_T_35 pin=160, code=212 208 205 202 200 ---
SKA_E4_T_50 pin=160, code=213 210 207 204 202 198
SKA_E4_T_65 pin=160, code=214 212 210 209 206 202
SKA_E4_T_80 pin=160, code=216 214 213 212 211 208
SKA_E4_T_35 pin=164, code=214 211 208 205 202 ---
SKA_E4_T_50 pin=164, code=215 213 210 207 204 200
SKA_E4_T_65 pin=164, code=216 215 213 211 208 205
SKA_E4_T_80 pin=164, code=218 217 215 214 213 211
SKA_E4_T_35 pin=168, code=209 206 203 200 197 ---
SKA_E4_T_50 pin=168, code=210 208 205 202 199 195
SKA_E4_T_65 pin=168, code=211 209 208 206 203 200
SKA_E4_T_80 pin=168, code=213 212 210 209 208 205
SKA_E4_T_35 pin=172, code=511 511 511 511 511 ---
SKA_E4_T_50 pin=172, code=511 511 511 511 511 511
SKA_E4_T_65 pin=172, code=511 511 511 511 511 511
SKA_E4_T_80 pin=172, code=511 511 511 511 511 511
F SKA_E4_T_20_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_35_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_50_at0V pin=172, code=511, Ulim=495 : ShortMargin
F SKA_E4_T_65_at0V pin=172, code=511, Ulim=495 : ShortMargin
SKA_E4_T_35 pin=176, code=249 245 242 239 236 ---
SKA_E4_T_50 pin=176, code=251 248 244 241 238 234
SKA_E4_T_65 pin=176, code=252 250 248 246 243 239
SKA_E4_T_80 pin=176, code=254 252 251 250 249 245
SKA_E4_T_35 pin=180, code=249 246 242 239 236 ---
SKA_E4_T_50 pin=180, code=250 247 244 241 238 234
SKA_E4_T_65 pin=180, code=252 249 247 245 242 239

SKA_E4_T_80 pin=180, code=253 252 250 249 248 245
SKA_E4_T_35 pin=184, code=253 250 246 242 238 ---
SKA_E4_T_50 pin=184, code=254 251 248 245 242 237
SKA_E4_T_65 pin=184, code=255 253 251 249 247 242
SKA_E4_T_80 pin=184, code=257 255 254 253 252 249
F SKW_E3_N_DRES_1V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_2V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_3V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_4V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_5V pin=172, code= 0, Llim= 0, Ulim= 63
F SKW_E3_N_DRES_7V pin=172, code= 0, Llim= 0, Ulim= 63
SKW_E3_N_DRES pin= 4, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 8, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin= 12, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 16, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 20, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 24, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 28, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 32, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin= 36, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin= 40, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 44, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 48, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 52, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 56, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=132, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=136, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=140, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=144, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=148, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=152, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=156, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=160, code= 15 14 13 12 12 11
SKW_E3_N_DRES pin=164, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=168, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=172, code= 0 0 0 0 0 0

SKW_E3_N_DRES pin=176, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=180, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=184, code= 13 12 12 11 11 10
F SKW_E3_N_ALER pin=172, code= 63, Llim= 0, Ulim= 63
SKW_E3_N_ALER pin= 4, code= 10
SKW_E3_N_ALER pin= 8, code= 8
SKW_E3_N_ALER pin= 12, code= 10
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= 9
SKW_E3_N_ALER pin= 40, code= 9
SKW_E3_N_ALER pin= 44, code= 9
SKW_E3_N_ALER pin= 48, code= 10
SKW_E3_N_ALER pin= 52, code= 9
SKW_E3_N_ALER pin= 56, code= 8
SKW_E3_N_ALER pin=132, code= 9
SKW_E3_N_ALER pin=136, code= 8
SKW_E3_N_ALER pin=140, code= 10
SKW_E3_N_ALER pin=144, code= 8
SKW_E3_N_ALER pin=148, code= 9
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= 63
SKW_E3_N_ALER pin=176, code= 10
SKW_E3_N_ALER pin=180, code= 10
SKW_E3_N_ALER pin=184, code= 7
F SKA_E4_N_DRER_1V pin=172, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_2V pin=172, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_3V pin=172, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_4V pin=172, code=511, Llim= 0, Ulim=511

F SKA_E4_N_DRER_5V pin=172, code=511, Llim= 0, Ulim=511

F SKA_E4_N_DRER_7V pin=172, code=511, Llim= 0, Ulim=511

SKA_E4_N pin= 4, code=179 (DRE=200 201 199 198 196 193, ALE=179)

SKA_E4_N pin= 8, code=170 (DRE=197 197 196 195 193 190, ALE=170)

SKA_E4_N pin= 12, code=171 (DRE=192 193 191 190 188 185, ALE=171)

SKA_E4_N pin= 16, code=172 (DRE=191 192 190 188 187 184, ALE=172)

SKA_E4_N pin= 20, code=171 (DRE=192 193 191 190 188 185, ALE=171)

SKA_E4_N pin= 24, code=171 (DRE=195 196 194 193 192 188, ALE=171)

SKA_E4_N pin= 28, code=159 (DRE=180 181 179 178 177 173, ALE=159)

SKA_E4_N pin= 32, code=162 (DRE=186 187 185 184 182 179, ALE=162)

SKA_E4_N pin= 36, code=173 (DRE=199 199 198 197 195 192, ALE=173)

SKA_E4_N pin= 40, code=169 (DRE=196 196 195 194 193 189, ALE=169)

SKA_E4_N pin= 44, code=188 (DRE=204 205 204 202 201 197, ALE=188)

SKA_E4_N pin= 48, code=180 (DRE=198 198 197 196 194 191, ALE=180)

SKA_E4_N pin= 52, code=181 (DRE=203 204 202 201 199 196, ALE=181)

SKA_E4_N pin= 56, code=179 (DRE=200 201 200 198 197 194, ALE=179)

SKA_E4_N pin=132, code=176 (DRE=199 200 198 197 196 193, ALE=176)

SKA_E4_N pin=136, code=180 (DRE=203 204 203 201 200 197, ALE=180)

SKA_E4_N pin=140, code=181 (DRE=202 202 201 200 198 195, ALE=181)

SKA_E4_N pin=144, code=181 (DRE=202 202 201 200 198 195, ALE=181)

SKA_E4_N pin=148, code=181 (DRE=204 205 203 202 201 197, ALE=181)

SKA_E4_N pin=152, code=183 (DRE=203 204 203 201 200 196, ALE=183)

SKA_E4_N pin=156, code=182 (DRE=203 203 202 200 198 196, ALE=182)

SKA_E4_N pin=160, code=181 (DRE=202 203 201 200 198 195, ALE=181)

SKA_E4_N pin=164, code=184 (DRE=204 204 203 202 200 197, ALE=184)

SKA_E4_N pin=168, code=179 (DRE=200 200 199 197 196 192, ALE=179)

SKA_E4_N pin=172, code=191 (DRE=511 511 511 511 511 511, ALE=191)

SKA_E4_N pin=176, code=219 (DRE=243 244 242 241 239 235, ALE=219)

SKA_E4_N pin=180, code=219 (DRE=238 238 237 235 233 229, ALE=219)

SKA_E4_N pin=184, code=219 (DRE=242 242 240 239 237 233, ALE=219)

F SKW_E4_N_DRER_1V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_2V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_3V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_4V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_5V pin=172, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_7V pin=172, code= 63, Llim= 0, Ulim= 63

SKW_E4_N_DRER pin= 4, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin= 8, code= 18 18 17 17 16 14
SKW_E4_N_DRER pin= 12, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin= 16, code= 14 14 13 12 12 10
SKW_E4_N_DRER pin= 20, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin= 24, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 28, code= 14 15 14 14 13 11
SKW_E4_N_DRER pin= 32, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin= 36, code= 17 17 16 16 15 14
SKW_E4_N_DRER pin= 40, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin= 44, code= 13 13 12 12 11 9
SKW_E4_N_DRER pin= 48, code= 13 14 13 13 12 10
SKW_E4_N_DRER pin= 52, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin= 56, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=132, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin=136, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin=140, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=144, code= 15 15 14 14 13 12
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= 15 15 14 14 13 12
SKW_E4_N_DRER pin=160, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=164, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin=168, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin=172, code= 63 63 63 63 63 63
SKW_E4_N_DRER pin=176, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=180, code= 13 13 12 12 11 9
SKW_E4_N_DRER pin=184, code= 15 15 14 14 13 11
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= 7
SKW_E4_N_ALES pin=176, code= 5
SKW_E4_N_ALES pin=180, code= 5
SKW_E4_N_ALES pin=184, code= 5

<<<Driver skew calibration[FAIL/pin=171:174,178]>>>

<<<HCLK timing generator span calibration>>>

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

TVTH pin= 59 code=11

TVTH_C pin= 60 code=10 9 8 8 7 7 7 7 6 7 7 7 7 7 7 7

TVTH_F-1 pin= 60 code=49 55 60 52 60 54 50 47 59 46 48 48 49 49 48 48

TVTH_F+0 pin= 60 code=32 39 45 37 46 40 35 32 46 32 33 34 34 34 34 34

TVTH_F+1 pin= 60 code=14 23 29 21 31 25 19 17 31 16 18 18 19 19 18 18

TVTH pin= 60 code=11

TVTH_C pin= 61 code=9 9 8 7 7 7 7 6 6 7 7 7 7 7 7 7

TVTH_F-1 pin= 61 code=57 48 56 62 57 52 48 60 59 47 48 48 48 48 48 48

TVTH_F+0 pin= 61 code=41 32 38 48 42 37 33 46 46 32 33 33 34 33 33 33

TVTH_F+1 pin= 61 code=25 15 22 31 25 20 15 31 31 14 15 16 16 16 16 16

TVTH pin= 61 code=11

TVTH_C pin= 62 code=9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin= 62 code=54 61 51 58 52 46 57 55 54 55 56 57 57 57 57 57

TVTH_F+0 pin= 62 code=39 45 35 44 37 32 42 40 40 41 42 43 43 43 42 42

TVTH_F+1 pin= 62 code=21 29 19 28 21 16 28 26 26 27 28 29 29 29 28 28

TVTH pin= 62 code=11

TVTH_C pin= 63 code=9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin= 63 code=57 48 55 48 56 52 48 47 47 48 49 49 49 49 49 49

TVTH_F+0 pin= 63 code=41 32 39 32 42 37 34 33 32 33 35 35 35 35 35 35

TVTH_F+1 pin= 63 code=25 15 23 15 26 21 17 16 16 17 18 19 19 18 18 18

TVTH pin= 63 code=10

TVTH_C pin= 64 code=9 9 8 8 7 7 7 7 6 7 7 7 7 7 7 7

TVTH_F-1 pin= 64 code=58 50 54 47 55 51 47 46 60 47 48 48 48 48 48 48

TVTH_F+0 pin= 64 code=43 34 41 33 41 36 33 32 46 33 33 34 34 34 33 33

TVTH_F+1 pin= 64 code=26 17 25 17 28 23 19 18 31 19 20 21 21 20 20 20

TVTH pin= 64 code=10

TVTH_C pin=185 code=10 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=185 code=50 56 62 55 49 58 53 51 50 51 52 53 53 53 53 53

TVTH_F+0 pin=185 code=33 41 46 38 32 44 40 37 36 37 38 40 40 40 40 39

TVTH_F+1 pin=185 code=16 24 31 24 17 27 22 20 20 20 22 22 23 22 22 22

TVTH pin=185 code=11

TVTH_C pin=186 code=9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin=186 code=56 62 53 60 54 48 57 55 54 55 56 56 57 57 56 56

TVTH_F+0 pin=186 code=40 47 37 46 39 34 44 42 41 41 43 43 44 44 43 43

TVTH_F+1 pin=186 code=24 31 20 30 23 17 29 27 26 27 28 29 29 29 28 28

TVTH pin=186 code=11

TVTH_C pin=187 code=9 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-1 pin=187 code=62 54 60 53 49 58 56 55 56 57 58 58 58 57 57 57
TVTH_F+0 pin=187 code=48 39 45 39 34 44 42 41 41 43 43 44 44 43 43 43
TVTH_F+1 pin=187 code=31 22 30 23 18 30 27 26 27 28 29 29 29 29 29 28
TVTH pin=187 code=10
TVTH_C pin=188 code=9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-1 pin=188 code=59 50 55 49 57 53 50 49 49 50 52 52 52 52 51 51
TVTH_F+0 pin=188 code=43 34 41 34 43 39 35 34 34 36 37 37 37 37 37 37
TVTH_F+1 pin=188 code=27 18 25 17 29 24 21 20 20 21 22 22 22 22 22 22
TVTH pin=188 code=10
TVTH_C pin=189 code=9 8 8 7 7 7 6 6 6 6 7 7 7 7 7 7
TVTH_F-1 pin=189 code=54 60 52 58 53 48 59 58 57 58 46 47 47 46 46 46
TVTH_F+0 pin=189 code=39 45 36 45 40 34 45 44 44 45 32 33 33 33 32 32
TVTH_F+1 pin=189 code=22 30 20 29 23 18 31 30 30 31 16 16 16 16 16 16
TVTH pin=189 code=10
TVTH_C pin=190 code=9 9 8 7 7 7 7 6 7 7 7 7 7 7 7 7
TVTH_F-1 pin=190 code=56 48 54 60 54 50 46 45 58 46 47 48 48 47 47 47
TVTH_F+0 pin=190 code=42 33 38 47 41 37 33 31 45 32 33 34 34 34 34 34
TVTH_F+1 pin=190 code=26 17 25 31 26 21 17 16 31 17 18 19 19 19 18 18
TVTH pin=190 code=10
TVSPAN_ESPANC pin= 57 code= 7 7 7 7 6 6
TVSPAN_SPANC pin= 57 code= 7
TVSPAN_SPANF pin= 57 code=40 38 44 33 31 27
TVSPAN_ESPANC pin= 58 code= 6 7 7 7 6 6
TVSPAN_SPANC pin= 58 code= 7
TVSPAN_SPANF pin= 58 code=32 38 35 33 32 30
TVSPAN_ESPANC pin= 59 code= 6 7 7 6 6 6
TVSPAN_SPANC pin= 59 code= 6
TVSPAN_SPANF pin= 59 code=43 49 50 38 40 42
TVSPAN_ESPANC pin= 60 code= 7 7 7 6 6 6
TVSPAN_SPANC pin= 60 code= 7
TVSPAN_SPANF pin= 60 code=34 33 37 28 27 23
TVSPAN_ESPANC pin= 61 code= 7 6 7 7 7 7
TVSPAN_SPANC pin= 61 code= 7
TVSPAN_SPANF pin= 61 code=35 28 35 37 32 33
TVSPAN_ESPANC pin= 62 code= 6 7 7 6 7 6

TVSPAN_SPANC pin= 62 code= 7
TVSPAN_SPANF pin= 62 code=29 36 34 30 35 31
TVSPAN_ESPANC pin= 63 code= 7 7 - - - - -
TVSPAN_SPANC pin= 63 code= 7
TVSPAN_SPANF pin= 63 code=36 35 - - - - -
TVSPAN_ESPANC pin= 64 code= 7 7 - - - - -
TVSPAN_SPANC pin= 64 code= 7
TVSPAN_SPANF pin= 64 code=34 34 - - - - -
TVSPAN_ESPANC pin=185 code= 7 7 7 7 6 6
TVSPAN_SPANC pin=185 code= 7
TVSPAN_SPANF pin=185 code=41 37 46 37 27 31
TVSPAN_ESPANC pin=186 code= 6 6 7 6 6 5
TVSPAN_SPANC pin=186 code= 6
TVSPAN_SPANF pin=186 code=44 37 53 43 38 31
TVSPAN_ESPANC pin=187 code= 7 7 7 7 7 7
TVSPAN_SPANC pin=187 code= 7
TVSPAN_SPANF pin=187 code=44 40 33 44 40 37
TVSPAN_ESPANC pin=188 code= 7 7 7 7 7 7
TVSPAN_SPANC pin=188 code= 7
TVSPAN_SPANF pin=188 code=37 39 35 35 33 45
TVSPAN_ESPANC pin=189 code= 7 7 7 7 7 6
TVSPAN_SPANC pin=189 code= 7
TVSPAN_SPANF pin=189 code=33 43 40 34 34 29
TVSPAN_ESPANC pin=190 code= 7 7 6 6 6 6
TVSPAN_SPANC pin=190 code= 6
TVSPAN_SPANF pin=190 code=47 47 44 37 40 39

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

<<<HCLK driver skew calibration>>>

DRV_L ch=1, code= 625, volt=-2.4380
DRV_L ch=1, code=1125, volt=-1.4396
DRV_L ch=1, code=1875, volt= 0.0598
DRV_L ch=1, code=2625, volt= 1.5610
DRV_L ch=1, code=3375, volt= 3.0627
DRV_H ch=1, code=1125, volt=-1.4633
DRV_H ch=1, code=1875, volt= 0.0352
DRV_H ch=1, code=3375, volt= 3.0403

DRV_H ch=1, code=4875, volt= 6.0442
 DRV_H ch=1, code=5875, volt= 8.0477
 DRV_L ch=2, code= 625, volt=-2.4468
 DRV_L ch=2, code=1125, volt=-1.4478
 DRV_L ch=2, code=1875, volt= 0.0526
 DRV_L ch=2, code=2625, volt= 1.5546
 DRV_L ch=2, code=3375, volt= 3.0579
 DRV_H ch=2, code=1125, volt=-1.4661
 DRV_H ch=2, code=1875, volt= 0.0347
 DRV_H ch=2, code=3375, volt= 3.0413
 DRV_H ch=2, code=4875, volt= 6.0484
 DRV_H ch=2, code=5875, volt= 8.0503
 DRV_L ch=3, code= 625, volt=-2.4592
 DRV_L ch=3, code=1125, volt=-1.4586
 DRV_L ch=3, code=1875, volt= 0.0438
 DRV_L ch=3, code=2625, volt= 1.5470
 DRV_L ch=3, code=3375, volt= 3.0503
 DRV_H ch=3, code=1125, volt=-1.4342
 DRV_H ch=3, code=1875, volt= 0.0677
 DRV_H ch=3, code=3375, volt= 3.0702
 DRV_H ch=3, code=4875, volt= 6.0760
 DRV_H ch=3, code=5875, volt= 8.0803
 DRV_L ch=4, code= 625, volt=-2.4842
 DRV_L ch=4, code=1125, volt=-1.4871
 DRV_L ch=4, code=1875, volt= 0.0108
 DRV_L ch=4, code=2625, volt= 1.5097
 DRV_L ch=4, code=3375, volt= 3.0089
 DRV_H ch=4, code=1125, volt=-1.4295
 DRV_H ch=4, code=1875, volt= 0.0670
 DRV_H ch=4, code=3375, volt= 3.0634
 DRV_H ch=4, code=4875, volt= 6.0608
 DRV_H ch=4, code=5875, volt= 8.0591
 DRDVAL_TR_20 : ch= 1, delay= 3663 3723 3737 3923 4146 4514
 DRDVAL_TR_35 : ch= 1, delay= 3926 4004 3996 4411 4656 5002
 DRDVAL_TR_50 : ch= 1, delay= 4314 4393 4324 4701 5022 5487
 DRDVAL_TR_65 : ch= 1, delay= 4701 4664 4624 4996 5402 -----

DRDVAL_TR_80 : ch= 1, delay= 5059 5069 5034 5366 5794 ----
DRDVAL_TF_20 : ch= 1, delay= 5082 5112 5134 5419 5820 ----
DRDVAL_TF_35 : ch= 1, delay= 4720 4690 4662 5022 5418 ----
DRDVAL_TF_50 : ch= 1, delay= 4306 4337 4310 4728 5054 5704
DRDVAL_TF_65 : ch= 1, delay= 3915 4000 4028 4432 4694 5203
DRDVAL_TF_80 : ch= 1, delay= 3650 3709 3764 3985 4243 4458
DRDVAL_TR_20 : ch= 2, delay= 3670 3716 3733 3911 4116 4499
DRDVAL_TR_35 : ch= 2, delay= 3902 3988 3979 4396 4657 5035
DRDVAL_TR_50 : ch= 2, delay= 4251 4354 4291 4703 5056 5496
DRDVAL_TR_65 : ch= 2, delay= 4727 4674 4609 5018 5421 ----
DRDVAL_TR_80 : ch= 2, delay= 5155 5157 5122 5404 5802 ----
DRDVAL_TF_20 : ch= 2, delay= 5178 5197 5222 5475 5829 ----
DRDVAL_TF_35 : ch= 2, delay= 4766 4722 4662 5050 5440 ----
DRDVAL_TF_50 : ch= 2, delay= 4252 4303 4285 4740 5088 5711
DRDVAL_TF_65 : ch= 2, delay= 3890 3979 4012 4418 4703 5230
DRDVAL_TF_80 : ch= 2, delay= 3642 3703 3758 3963 4218 4435
DRDVAL_TR_20 : ch= 3, delay= 3663 3729 3738 3928 4152 4517
DRDVAL_TR_35 : ch= 3, delay= 3926 4006 3997 4418 4658 5026
DRDVAL_TR_50 : ch= 3, delay= 4312 4402 4334 4717 5047 5496
DRDVAL_TR_65 : ch= 3, delay= 4724 4679 4640 5006 5416 ----
DRDVAL_TR_80 : ch= 3, delay= 5111 5113 5080 5391 5814 ----
DRDVAL_TF_20 : ch= 3, delay= 5124 5142 5170 5457 5848 ----
DRDVAL_TF_35 : ch= 3, delay= 4739 4720 4674 5047 5436 ----
DRDVAL_TF_50 : ch= 3, delay= 4319 4350 4318 4739 5076 5723
DRDVAL_TF_65 : ch= 3, delay= 3918 3996 4031 4441 4714 5222
DRDVAL_TF_80 : ch= 3, delay= 3654 3717 3770 3993 4251 4468
DRDVAL_TR_20 : ch= 4, delay= 3664 3712 3733 3912 4128 4505
DRDVAL_TR_35 : ch= 4, delay= 3914 3996 3985 4397 4650 5036
DRDVAL_TR_50 : ch= 4, delay= 4271 4373 4312 4709 5060 5499
DRDVAL_TR_65 : ch= 4, delay= 4738 4682 4637 5024 5427 ----
DRDVAL_TR_80 : ch= 4, delay= 5148 5161 5130 5410 5824 ----
DRDVAL_TF_20 : ch= 4, delay= 5178 5199 5220 5429 5857 ----
DRDVAL_TF_35 : ch= 4, delay= 4788 4741 4689 5063 5442 ----
DRDVAL_TF_50 : ch= 4, delay= 4289 4322 4299 4748 5093 5724
DRDVAL_TF_65 : ch= 4, delay= 3900 3985 4023 4435 4711 5230
DRDVAL_TF_80 : ch= 4, delay= 3642 3701 3756 3970 4232 4441

SKA_E1_NDT_20 pin= 57, code=295 293 292 292 291 290
SKA_E1_NDT_35 pin= 57, code=294 292 290 290 288 284
SKA_E1_NDT_50 pin= 57, code=295 292 289 287 284 279
SKA_E1_NDT_65 pin= 57, code=294 290 287 283 280 274<-calc
SKA_E1_NDT_80 pin= 57, code=292 289 286 281 276 269<-calc
SKA_E2_NDT_20 pin= 57, code=291 288 286 280 276 269<-calc
SKA_E2_NDT_35 pin= 57, code=293 290 286 283 280 274<-calc
SKA_E2_NDT_50 pin= 57, code=293 291 288 286 283 279
SKA_E2_NDT_65 pin= 57, code=293 291 289 289 287 284
SKA_E2_NDT_80 pin= 57, code=293 292 291 291 291 290
SKA_E2_NDT_INV_20 pin= 57, code=294 293 291 291 291 290
SKA_E2_NDT_INV_35 pin= 57, code=294 292 290 289 287 283
SKA_E2_NDT_INV_50 pin= 57, code=295 291 288 286 283 278
SKA_E2_NDT_INV_65 pin= 57, code=294 289 287 283 280 273<-calc
SKA_E2_NDT_INV_80 pin= 57, code=291 288 285 280 276 268<-calc
SKA_E5_DT_20 pin= 57, code=286 284 283 283 283 281
SKA_E5_DT_35 pin= 57, code=285 283 281 281 279 275
SKA_E5_DT_50 pin= 57, code=286 283 280 277 275 270
SKA_E5_DT_65 pin= 57, code=285 281 278 274 271 265<-calc
SKA_E5_DT_80 pin= 57, code=283 280 277 272 267 260<-calc
SKA_E6_DT_20 pin= 57, code=284 281 278 273 269 259<-calc
SKA_E6_DT_35 pin= 57, code=287 283 279 275 272 265<-calc
SKA_E6_DT_50 pin= 57, code=287 284 281 279 276 271
SKA_E6_DT_65 pin= 57, code=286 284 282 282 280 277
SKA_E6_DT_80 pin= 57, code=287 285 284 284 284 283
SKA_E6_DT_INV_20 pin= 57, code=287 286 284 284 284 283
SKA_E6_DT_INV_35 pin= 57, code=287 285 283 282 280 276
SKA_E6_DT_INV_50 pin= 57, code=287 284 281 279 276 271
SKA_E6_DT_INV_65 pin= 57, code=287 283 280 275 273 266<-calc
SKA_E6_DT_INV_80 pin= 57, code=284 281 278 273 269 261<-calc
SKA_E3_N pin= 57, code=178 (TR=178 TF=177)
SKW_E3_N_DRDS_20 pin= 57, code= 13 12 12 12 11 11
SKW_E3_N_DRDS_35 pin= 57, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 57, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 57, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin= 57, code= 12 10 9 7 5 2<-calc

SKW_E3_N_DRDR_20 pin= 57, code= 11 9 8 6 4 0<-calc
 SKW_E3_N_DRDR_35 pin= 57, code= 12 10 9 7 6 2<-calc
 SKW_E3_N_DRDR_50 pin= 57, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 57, code= 12 11 10 10 9 8
 SKW_E3_N_DRDR_80 pin= 57, code= 12 11 11 11 11 10
 SKA_E3_D pin= 57, code=163 (TR=161 TF=163)
 SKW_E3_D_DRES_20 pin= 57, code= 12 11 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 9 8 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 9 8 6 4 1<-calc
 SKW_E3_D_DRER_20 pin= 57, code= 11 10 9 6 5 2<-calc
 SKW_E3_D_DRER_35 pin= 57, code= 12 11 9 8 6 4<-calc
 SKW_E3_D_DRER_50 pin= 57, code= 12 11 10 9 8 6
 SKW_E3_D_DRER_65 pin= 57, code= 12 11 11 10 10 8
 SKW_E3_D_DRER_80 pin= 57, code= 12 12 11 11 11 11
 SKA_E4_D pin= 57, code=180 (TR=180 TF=178)
 SKW_E4_D_DRDS_20 pin= 57, code= 13 12 12 12 11 11
 SKW_E4_D_DRDS_35 pin= 57, code= 13 12 11 11 10 8
 SKW_E4_D_DRDS_50 pin= 57, code= 13 12 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 57, code= 13 11 9 8 6 4<-calc
 SKW_E4_D_DRDS_80 pin= 57, code= 11 10 9 7 5 2<-calc
 SKW_E4_D_DRDR_20 pin= 57, code= 10 9 8 6 4 1<-calc
 SKW_E4_D_DRDR_35 pin= 57, code= 11 10 8 7 5 3<-calc
 SKW_E4_D_DRDR_50 pin= 57, code= 11 10 9 8 7 5
 SKW_E4_D_DRDR_65 pin= 57, code= 11 10 10 9 9 7
 SKW_E4_D_DRDR_80 pin= 57, code= 11 11 10 10 10 10
 SKA_E3_T_20 pin= 57, code=192 190 189 189 188 187
 SKA_E3_T_35 pin= 57, code=192 189 187 187 185 181
 SKA_E3_T_50 pin= 57, code=193 189 186 183 181 176
 SKA_E3_T_65 pin= 57, code=192 187 184 180 177 171<-calc
 SKA_E3_T_80 pin= 57, code=189 186 183 178 173 166<-calc
 SKA_E4_T_20 pin= 57, code=208 206 205 205 204 203<-calc
 SKA_E4_T_35 pin= 57, code=207 205 203 203 201 197<-calc
 SKA_E4_T_50 pin= 57, code=207 204 201 199 196 192
 SKA_E4_T_65 pin= 57, code=207 205 203 203 201 198

SKA_E4_T_80 pin= 57, code=207 206 205 205 204 204
SKA_E4_T_INV_20 pin= 57, code=208 206 205 205 204 203
SKA_E4_T_INV_35 pin= 57, code=207 205 203 203 201 197
SKA_E4_T_INV_50 pin= 57, code=208 205 202 199 197 192
SKA_E4_T_INV_65 pin= 57, code=208 203 200 196 193 187<-calc
SKA_E4_T_INV_80 pin= 57, code=205 202 199 194 189 182<-calc
SKA_E1_NDT_20 pin= 58, code=294 293 292 291 291 290
SKA_E1_NDT_35 pin= 58, code=294 292 290 290 287 283
SKA_E1_NDT_50 pin= 58, code=295 292 289 286 284 279
SKA_E1_NDT_65 pin= 58, code=294 290 287 283 280 275<-calc
SKA_E1_NDT_80 pin= 58, code=291 288 286 281 276 271<-calc
SKA_E1_NDT_INV_20 pin= 58, code=291 288 286 280 276 269<-calc
SKA_E1_NDT_INV_35 pin= 58, code=294 290 287 283 280 274<-calc
SKA_E1_NDT_INV_50 pin= 58, code=294 291 288 286 283 279
SKA_E1_NDT_INV_65 pin= 58, code=293 291 289 289 287 284
SKA_E1_NDT_INV_80 pin= 58, code=294 292 291 291 291 290
SKA_E2_NDT_20 pin= 58, code=291 288 285 280 276 266<-calc
SKA_E2_NDT_35 pin= 58, code=293 289 286 282 279 272<-calc
SKA_E2_NDT_50 pin= 58, code=293 290 287 285 283 278
SKA_E2_NDT_65 pin= 58, code=293 291 289 289 287 284
SKA_E2_NDT_80 pin= 58, code=293 292 291 291 291 290
SKA_E5_DT_20 pin= 58, code=286 285 283 283 283 282
SKA_E5_DT_35 pin= 58, code=286 284 282 281 279 275
SKA_E5_DT_50 pin= 58, code=287 283 280 278 275 270
SKA_E5_DT_65 pin= 58, code=286 282 279 274 272 265<-calc
SKA_E5_DT_80 pin= 58, code=283 280 277 272 268 260<-calc
SKA_E5_DT_INV_20 pin= 58, code=283 280 277 272 268 258<-calc
SKA_E5_DT_INV_35 pin= 58, code=285 282 278 274 271 264<-calc
SKA_E5_DT_INV_50 pin= 58, code=286 283 280 278 275 270
SKA_E5_DT_INV_65 pin= 58, code=285 283 281 281 279 276
SKA_E5_DT_INV_80 pin= 58, code=285 284 283 283 283 282
SKA_E6_DT_20 pin= 58, code=284 281 278 273 269 259<-calc
SKA_E6_DT_35 pin= 58, code=286 283 279 275 272 265<-calc
SKA_E6_DT_50 pin= 58, code=286 283 281 278 275 271
SKA_E6_DT_65 pin= 58, code=286 284 282 282 280 277
SKA_E6_DT_80 pin= 58, code=286 285 284 284 284 283

SKA_E3_N pin= 58, code=180 (TR=180 TF=179)

SKW_E3_N_DRDS_20 pin= 58, code= 13 12 11 11 11 11

SKW_E3_N_DRDS_35 pin= 58, code= 12 12 11 10 9 8

SKW_E3_N_DRDS_50 pin= 58, code= 13 11 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= 11 10 9 6 5 2<-calc

SKW_E3_N_DRDR_20 pin= 58, code= 11 10 9 6 4 0<-calc

SKW_E3_N_DRDR_35 pin= 58, code= 12 10 9 7 6 2<-calc

SKW_E3_N_DRDR_50 pin= 58, code= 12 11 9 9 7 5

SKW_E3_N_DRDR_65 pin= 58, code= 12 11 10 10 9 8

SKW_E3_N_DRDR_80 pin= 58, code= 12 11 11 11 11 11

SKA_E3_D pin= 58, code=164 (TR=163 TF=164)

SKW_E3_D_DRES_20 pin= 58, code= 12 12 11 11 11 10

SKW_E3_D_DRES_35 pin= 58, code= 12 11 10 10 9 7

SKW_E3_D_DRES_50 pin= 58, code= 12 11 10 9 7 5

SKW_E3_D_DRES_65 pin= 58, code= 12 10 9 7 6 3<-calc

SKW_E3_D_DRES_80 pin= 58, code= 11 9 8 6 4 1<-calc

SKW_E3_D_DRER_20 pin= 58, code= 11 10 9 6 5 2<-calc

SKW_E3_D_DRER_35 pin= 58, code= 13 11 9 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= 12 12 11 10 10 8

SKW_E3_D_DRER_80 pin= 58, code= 13 12 11 11 11 11

SKA_E4_D pin= 58, code=181 (TR=181 TF=179)

SKW_E4_D_DRDS_20 pin= 58, code= 13 12 11 11 11 11

SKW_E4_D_DRDS_35 pin= 58, code= 12 12 11 11 10 8

SKW_E4_D_DRDS_50 pin= 58, code= 13 11 10 9 8 6

SKW_E4_D_DRDS_65 pin= 58, code= 13 11 9 7 6 4<-calc

SKW_E4_D_DRDS_80 pin= 58, code= 11 10 9 6 5 2<-calc

SKW_E4_D_DRDR_20 pin= 58, code= 11 9 8 6 4 0<-calc

SKW_E4_D_DRDR_35 pin= 58, code= 12 10 9 7 5 2<-calc

SKW_E4_D_DRDR_50 pin= 58, code= 12 10 9 8 7 5

SKW_E4_D_DRDR_65 pin= 58, code= 12 11 10 10 9 8

SKW_E4_D_DRDR_80 pin= 58, code= 12 11 11 11 11 10

SKA_E3_T_20 pin= 58, code=194 192 191 191 190 189

SKA_E3_T_35 pin= 58, code=193 191 189 189 187 182

SKA_E3_T_50 pin= 58, code=194 191 188 185 183 177

SKA_E3_T_65 pin= 58, code=193 189 186 181 179 172<-calc
SKA_E3_T_80 pin= 58, code=191 187 185 179 175 167<-calc
SKA_E3_T_INV_20 pin= 58, code=191 187 185 179 175 168<-calc
SKA_E3_T_INV_35 pin= 58, code=193 189 186 182 179 173<-calc
SKA_E3_T_INV_50 pin= 58, code=193 190 187 185 182 178
SKA_E3_T_INV_65 pin= 58, code=193 191 188 188 186 183
SKA_E3_T_INV_80 pin= 58, code=193 192 190 190 190 189
SKA_E4_T_20 pin= 58, code=191 187 185 179 175 168<-calc
SKA_E4_T_35 pin= 58, code=193 189 186 182 179 173<-calc
SKA_E4_T_50 pin= 58, code=208 205 202 200 197 193
SKA_E4_T_65 pin= 58, code=208 206 204 204 202 199
SKA_E4_T_80 pin= 58, code=208 207 206 206 206 205
SKA_E1_NDT_20 pin= 59, code=298 297 296 296 295 294
SKA_E1_NDT_35 pin= 59, code=298 296 294 294 291 288
SKA_E1_NDT_50 pin= 59, code=299 296 293 290 288 283
SKA_E1_NDT_65 pin= 59, code=298 294 291 287 284 278<-calc
SKA_E1_NDT_80 pin= 59, code=296 292 290 285 280 273<-calc
SKA_E2_NDT_20 pin= 59, code=295 292 289 284 280 273<-calc
SKA_E2_NDT_35 pin= 59, code=297 293 290 286 283 278<-calc
SKA_E2_NDT_50 pin= 59, code=297 294 291 289 287 283
SKA_E2_NDT_65 pin= 59, code=297 295 293 293 291 288
SKA_E2_NDT_80 pin= 59, code=297 296 295 295 295 294
SKA_E5_DT_20 pin= 59, code=289 288 287 287 286 285
SKA_E5_DT_35 pin= 59, code=289 287 285 285 283 278
SKA_E5_DT_50 pin= 59, code=290 287 284 281 279 274
SKA_E5_DT_65 pin= 59, code=289 285 282 277 275 270<-calc
SKA_E5_DT_80 pin= 59, code=286 283 281 275 271 266<-calc
SKA_E6_DT_20 pin= 59, code=289 286 283 277 273 264<-calc
SKA_E6_DT_35 pin= 59, code=291 287 284 280 277 270<-calc
SKA_E6_DT_50 pin= 59, code=291 288 285 283 280 276
SKA_E6_DT_65 pin= 59, code=291 289 287 286 284 282
SKA_E6_DT_80 pin= 59, code=291 289 288 288 288 287
SKA_E3_N pin= 59, code=186 (TR=186 TF=185)
SKW_E3_N_DRDS_20 pin= 59, code= 13 13 12 12 12 11
SKW_E3_N_DRDS_35 pin= 59, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 59, code= 13 12 10 9 8 6

SKW_E3_N_DRDS_65 pin= 59, code= 13 11 10 8 7 4<-calc
 SKW_E3_N_DRDS_80 pin= 59, code= 12 10 9 7 5 2<-calc
 SKW_E3_N_DRDR_20 pin= 59, code= 11 10 9 6 4 0<-calc
 SKW_E3_N_DRDR_35 pin= 59, code= 12 10 9 7 6 2<-calc
 SKW_E3_N_DRDR_50 pin= 59, code= 12 11 10 9 7 5
 SKW_E3_N_DRDR_65 pin= 59, code= 12 11 10 10 9 8
 SKW_E3_N_DRDR_80 pin= 59, code= 12 12 11 11 11 11
 SKA_E3_D pin= 59, code=170 (TR=168 TF=170)
 SKW_E3_D_DRES_20 pin= 59, code= 12 11 11 11 11 10
 SKW_E3_D_DRES_35 pin= 59, code= 12 11 10 10 9 7
 SKW_E3_D_DRES_50 pin= 59, code= 12 11 9 8 7 5
 SKW_E3_D_DRES_65 pin= 59, code= 12 10 9 7 6 3<-calc
 SKW_E3_D_DRES_80 pin= 59, code= 11 9 8 6 4 1<-calc
 SKW_E3_D_DRER_20 pin= 59, code= 12 10 9 6 5 2<-calc
 SKW_E3_D_DRER_35 pin= 59, code= 13 11 9 8 6 4<-calc
 SKW_E3_D_DRER_50 pin= 59, code= 13 11 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=187 (TR=187 TF=185)
 SKW_E4_D_DRDS_20 pin= 59, code= 13 13 12 12 12 11
 SKW_E4_D_DRDS_35 pin= 59, code= 13 12 11 11 10 8
 SKW_E4_D_DRDS_50 pin= 59, code= 13 12 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 59, code= 13 11 10 8 7 4<-calc
 SKW_E4_D_DRDS_80 pin= 59, code= 12 10 9 7 5 2<-calc
 SKW_E4_D_DRDR_20 pin= 59, code= 11 9 8 6 4 0<-calc
 SKW_E4_D_DRDR_35 pin= 59, code= 12 10 9 7 5 2<-calc
 SKW_E4_D_DRDR_50 pin= 59, code= 12 10 9 8 7 5
 SKW_E4_D_DRDR_65 pin= 59, code= 12 11 10 10 9 8
 SKW_E4_D_DRDR_80 pin= 59, code= 12 11 11 11 11 10
 SKA_E3_T_20 pin= 59, code=198 197 196 196 195 194
 SKA_E3_T_35 pin= 59, code=198 196 194 194 191 187
 SKA_E3_T_50 pin= 59, code=199 196 193 190 187 182
 SKA_E3_T_65 pin= 59, code=198 194 191 186 184 177<-calc
 SKA_E3_T_80 pin= 59, code=195 192 189 184 180 172<-calc
 SKA_E4_T_20 pin= 59, code=191 187 185 179 175 168<-calc
 SKA_E4_T_35 pin= 59, code=193 189 186 182 179 173<-calc

SKA_E4_T_50 pin= 59, code=214 211 208 206 203 199
SKA_E4_T_65 pin= 59, code=213 212 210 209 207 204
SKA_E4_T_80 pin= 59, code=214 212 211 211 211 210
SKA_E1_NDT_20 pin= 60, code=298 296 295 295 294 293
SKA_E1_NDT_35 pin= 60, code=297 295 293 293 291 287
SKA_E1_NDT_50 pin= 60, code=297 295 292 290 287 282
SKA_E1_NDT_65 pin= 60, code=298 293 291 286 284 277<-calc
SKA_E1_NDT_80 pin= 60, code=295 293 289 284 280 272<-calc
SKA_E2_NDT_20 pin= 60, code=294 291 288 282 278 268<-calc
SKA_E2_NDT_35 pin= 60, code=296 292 288 284 282 274<-calc
SKA_E2_NDT_50 pin= 60, code=295 292 290 287 285 280
SKA_E2_NDT_65 pin= 60, code=294 293 291 291 289 286
SKA_E2_NDT_80 pin= 60, code=295 294 293 293 292 291
SKA_E5_DT_20 pin= 60, code=288 287 286 285 285 284
SKA_E5_DT_35 pin= 60, code=288 286 284 283 281 277
SKA_E5_DT_50 pin= 60, code=288 285 283 280 277 273
SKA_E5_DT_65 pin= 60, code=288 284 281 277 274 269<-calc
SKA_E5_DT_80 pin= 60, code=286 283 280 275 270 265<-calc
SKA_E6_DT_20 pin= 60, code=288 285 282 276 271 262<-calc
SKA_E6_DT_35 pin= 60, code=289 286 282 278 275 268<-calc
SKA_E6_DT_50 pin= 60, code=289 286 283 281 279 274
SKA_E6_DT_65 pin= 60, code=288 287 285 284 283 280
SKA_E6_DT_80 pin= 60, code=289 288 287 286 286 285
SKA_E3_N pin= 60, code=184 (TR=184 TF=182)
SKW_E3_N_DRDS_20 pin= 60, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin= 60, code= 12 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 60, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 60, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin= 60, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin= 60, code= 11 10 9 6 4 1<-calc
SKW_E3_N_DRDR_35 pin= 60, code= 12 10 8 7 5 3<-calc
SKW_E3_N_DRDR_50 pin= 60, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 60, code= 11 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 60, code= 12 11 10 10 10 10
SKA_E3_D pin= 60, code=167 (TR=167 TF=167)
SKW_E3_D_DRES_20 pin= 60, code= 13 12 12 11 11 11

SKW_E3_D_DRES_35 pin= 60, code= 12 12 11 11 10 8
SKW_E3_D_DRES_50 pin= 60, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 60, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRES_80 pin= 60, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin= 60, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin= 60, code= 12 11 9 7 6 4<-calc
SKW_E3_D_DRER_50 pin= 60, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 60, code= 12 11 10 10 9 8
SKW_E3_D_DRER_80 pin= 60, code= 12 12 11 11 11 11
SKA_E4_D pin= 60, code=185 (TR=185 TF=182)
SKW_E4_D_DRDS_20 pin= 60, code= 13 12 11 11 11 11
SKW_E4_D_DRDS_35 pin= 60, code= 12 12 11 10 10 8
SKW_E4_D_DRDS_50 pin= 60, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 60, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDS_80 pin= 60, code= 11 10 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin= 60, code= 11 9 8 5 3 1<-calc
SKW_E4_D_DRDR_35 pin= 60, code= 11 10 8 6 5 3<-calc
SKW_E4_D_DRDR_50 pin= 60, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_65 pin= 60, code= 11 10 9 9 8 7
SKW_E4_D_DRDR_80 pin= 60, code= 11 11 10 10 10 10
SKA_E3_T_20 pin= 60, code=197 196 195 194 194 193
SKA_E3_T_35 pin= 60, code=197 195 193 192 191 187
SKA_E3_T_50 pin= 60, code=197 195 192 189 187 182
SKA_E3_T_65 pin= 60, code=197 193 190 186 183 177<-calc
SKA_E3_T_80 pin= 60, code=195 193 189 184 179 172<-calc
SKA_E4_T_20 pin= 60, code=191 187 185 179 175 168<-calc
SKA_E4_T_35 pin= 60, code=193 189 186 182 179 173<-calc
SKA_E4_T_50 pin= 60, code=211 208 205 203 201 196
SKA_E4_T_65 pin= 60, code=210 209 207 207 205 202
SKA_E4_T_80 pin= 60, code=211 210 209 209 208 208
SKA_E1_NDT_20 pin= 61, code=292 291 289 289 289 287
SKA_E1_NDT_35 pin= 61, code=291 290 287 287 285 282
SKA_E1_NDT_50 pin= 61, code=292 289 287 284 281 277
SKA_E1_NDT_65 pin= 61, code=292 288 285 281 278 272<-calc
SKA_E1_NDT_80 pin= 61, code=289 287 284 279 274 267<-calc
SKA_E2_NDT_20 pin= 61, code=291 287 285 279 274 267<-calc

SKA_E2_NDT_35 pin= 61, code=292 288 285 281 278 272<-calc
SKA_E2_NDT_50 pin= 61, code=291 288 286 284 281 277
SKA_E2_NDT_65 pin= 61, code=291 289 287 287 285 282
SKA_E2_NDT_80 pin= 61, code=291 290 289 289 289 288
SKA_E2_NDT_INV_20 pin= 61, code=292 291 290 289 289 288
SKA_E2_NDT_INV_35 pin= 61, code=292 290 288 287 286 282
SKA_E2_NDT_INV_50 pin= 61, code=292 289 287 284 282 277
SKA_E2_NDT_INV_65 pin= 61, code=292 288 285 281 278 272<-calc
SKA_E2_NDT_INV_80 pin= 61, code=290 287 284 279 275 267<-calc
SKA_E5_DT_20 pin= 61, code=284 282 281 281 280 279
SKA_E5_DT_35 pin= 61, code=283 281 279 279 277 273
SKA_E5_DT_50 pin= 61, code=283 281 278 275 273 268
SKA_E5_DT_65 pin= 61, code=284 279 277 272 269 263<-calc
SKA_E5_DT_80 pin= 61, code=281 279 275 270 265 258<-calc
SKA_E6_DT_20 pin= 61, code=284 281 278 272 267 260<-calc
SKA_E6_DT_35 pin= 61, code=285 282 278 274 271 265<-calc
SKA_E6_DT_50 pin= 61, code=285 282 280 277 275 270
SKA_E6_DT_65 pin= 61, code=284 283 281 281 279 275
SKA_E6_DT_80 pin= 61, code=285 284 283 283 282 282
SKA_E6_DT_INV_20 pin= 61, code=286 285 283 283 283 281
SKA_E6_DT_INV_35 pin= 61, code=285 284 281 281 279 275
SKA_E6_DT_INV_50 pin= 61, code=286 283 281 278 275 270
SKA_E6_DT_INV_65 pin= 61, code=286 282 279 274 272 265<-calc
SKA_E6_DT_INV_80 pin= 61, code=283 281 277 272 268 260<-calc
SKA_E3_N pin= 61, code=177 (TR=177 TF=176)
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 10 8 6 4<-calc
SKW_E3_N_DRDS_80 pin= 61, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin= 61, code= 12 11 9 6 4 2<-calc
SKW_E3_N_DRDR_35 pin= 61, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDR_50 pin= 61, code= 12 11 10 9 8 6
SKW_E3_N_DRDR_65 pin= 61, code= 12 11 11 10 10 8
SKW_E3_N_DRDR_80 pin= 61, code= 13 12 11 11 11 11
SKA_E3_D pin= 61, code=164 (TR=164 TF=164)

SKW_E3_D_DRES_20 pin= 61, code= 13 12 12 12 11 11
SKW_E3_D_DRES_35 pin= 61, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin= 61, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 61, code= 13 11 10 7 6 4<-calc
SKW_E3_D_DRES_80 pin= 61, code= 12 11 9 6 5 2<-calc
SKW_E3_D_DRER_20 pin= 61, code= 12 11 10 7 5 2<-calc
SKW_E3_D_DRER_35 pin= 61, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRER_50 pin= 61, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 61, code= 12 12 11 11 10 8
SKW_E3_D_DRER_80 pin= 61, code= 13 12 12 12 12 11
SKA_E4_D pin= 61, code=179 (TR=179 TF=178)
SKW_E4_D_DRDS_20 pin= 61, code= 13 12 12 11 11 11
SKW_E4_D_DRDS_35 pin= 61, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin= 61, code= 13 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 61, code= 13 11 10 8 6 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= 12 10 9 6 4 0<-calc
SKW_E4_D_DRDR_35 pin= 61, code= 12 11 9 7 6 2<-calc
SKW_E4_D_DRDR_50 pin= 61, code= 12 11 10 9 7 5
SKW_E4_D_DRDR_65 pin= 61, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_80 pin= 61, code= 12 11 11 11 11 10
SKA_E3_T_20 pin= 61, code=194 192 191 191 190 189
SKA_E3_T_35 pin= 61, code=193 191 189 188 187 183
SKA_E3_T_50 pin= 61, code=193 191 188 185 182 178
SKA_E3_T_65 pin= 61, code=194 189 186 182 179 173<-calc
SKA_E3_T_80 pin= 61, code=191 189 185 179 175 168<-calc
SKA_E4_T_20 pin= 61, code=207 206 204 204 204 203<-calc
SKA_E4_T_35 pin= 61, code=207 205 203 202 200 196<-calc
SKA_E4_T_50 pin= 61, code=206 203 201 198 196 191
SKA_E4_T_65 pin= 61, code=205 204 202 202 200 197
SKA_E4_T_80 pin= 61, code=206 205 204 204 203 203
SKA_E4_T_INV_20 pin= 61, code=207 206 204 204 204 203
SKA_E4_T_INV_35 pin= 61, code=207 205 203 202 200 196
SKA_E4_T_INV_50 pin= 61, code=207 204 202 199 196 191
SKA_E4_T_INV_65 pin= 61, code=207 203 200 195 193 186<-calc
SKA_E4_T_INV_80 pin= 61, code=204 202 198 193 189 181<-calc

SKA_E1_NDT_20 pin= 62, code=293 291 290 290 289 288
SKA_E1_NDT_35 pin= 62, code=292 291 288 288 286 282
SKA_E1_NDT_50 pin= 62, code=292 290 287 285 282 277
SKA_E1_NDT_65 pin= 62, code=293 288 286 282 279 272<-calc
SKA_E1_NDT_80 pin= 62, code=290 288 285 279 275 267<-calc
SKA_E1_NDT_INV_20 pin= 62, code=291 288 285 279 275 265<-calc
SKA_E1_NDT_INV_35 pin= 62, code=292 289 285 281 278 271<-calc
SKA_E1_NDT_INV_50 pin= 62, code=292 289 287 285 282 277
SKA_E1_NDT_INV_65 pin= 62, code=291 290 288 287 286 283
SKA_E1_NDT_INV_80 pin= 62, code=292 291 290 289 289 288
SKA_E2_NDT_20 pin= 62, code=289 286 283 277 273 263<-calc
SKA_E2_NDT_35 pin= 62, code=290 287 283 279 276 269<-calc
SKA_E2_NDT_50 pin= 62, code=290 287 285 283 280 275
SKA_E2_NDT_65 pin= 62, code=289 288 286 286 284 281
SKA_E2_NDT_80 pin= 62, code=290 289 287 287 287 287
SKA_E5_DT_20 pin= 62, code=284 282 281 281 280 279
SKA_E5_DT_35 pin= 62, code=283 282 279 279 277 273
SKA_E5_DT_50 pin= 62, code=283 281 278 275 273 268
SKA_E5_DT_65 pin= 62, code=284 279 277 272 269 263<-calc
SKA_E5_DT_80 pin= 62, code=281 279 275 270 266 258<-calc
SKA_E5_DT_INV_20 pin= 62, code=282 279 276 270 265 256<-calc
SKA_E5_DT_INV_35 pin= 62, code=283 280 276 272 269 262<-calc
SKA_E5_DT_INV_50 pin= 62, code=283 280 277 275 273 268
SKA_E5_DT_INV_65 pin= 62, code=282 281 279 278 277 274
SKA_E5_DT_INV_80 pin= 62, code=283 282 281 280 280 279
SKA_E6_DT_20 pin= 62, code=283 280 277 270 266 256<-calc
SKA_E6_DT_35 pin= 62, code=284 280 277 273 270 262<-calc
SKA_E6_DT_50 pin= 62, code=283 281 278 276 273 268
SKA_E6_DT_65 pin= 62, code=283 282 279 279 277 274
SKA_E6_DT_80 pin= 62, code=284 282 281 281 281 280
SKA_E3_N pin= 62, code=178 (TR=178 TF=175)
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 11 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= 11 9 8 5 3 0<-calc
 SKW_E3_N_DRDR_35 pin= 62, code= 11 9 8 6 5 1<-calc
 SKW_E3_N_DRDR_50 pin= 62, code= 11 10 9 8 6 4
 SKW_E3_N_DRDR_65 pin= 62, code= 11 10 9 9 8 7
 SKW_E3_N_DRDR_80 pin= 62, code= 11 10 10 10 10 9
 SKA_E3_D pin= 62, code=164 (TR=164 TF=164)
 SKW_E3_D_DRES_20 pin= 62, code= 13 12 12 12 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 11 9 8 6
 SKW_E3_D_DRES_65 pin= 62, code= 13 11 10 8 6 4<-calc
 SKW_E3_D_DRES_80 pin= 62, code= 12 11 9 7 5 2<-calc
 SKW_E3_D_DRER_20 pin= 62, code= 12 11 10 7 5 2<-calc
 SKW_E3_D_DRER_35 pin= 62, code= 13 11 10 8 6 4<-calc
 SKW_E3_D_DRER_50 pin= 62, code= 13 12 10 9 8 6
 SKW_E3_D_DRER_65 pin= 62, code= 13 12 11 11 10 8
 SKW_E3_D_DRER_80 pin= 62, code= 13 12 12 12 12 11
 SKA_E4_D pin= 62, code=179 (TR=179 TF=174)
 SKW_E4_D_DRDS_20 pin= 62, code= 13 12 12 12 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 10 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= 10 9 7 5 3 0<-calc
 SKW_E4_D_DRDR_35 pin= 62, code= 11 9 7 6 4 2<-calc
 SKW_E4_D_DRDR_50 pin= 62, code= 10 9 8 7 6 4
 SKW_E4_D_DRDR_65 pin= 62, code= 10 9 9 8 8 6
 SKW_E4_D_DRDR_80 pin= 62, code= 10 10 9 9 9 9
 SKA_E3_T_20 pin= 62, code=194 192 191 191 190 189
 SKA_E3_T_35 pin= 62, code=193 191 189 189 187 183
 SKA_E3_T_50 pin= 62, code=193 191 188 185 183 178
 SKA_E3_T_65 pin= 62, code=194 189 187 182 179 173<-calc
 SKA_E3_T_80 pin= 62, code=191 189 185 180 175 168<-calc
 SKA_E3_T_INV_20 pin= 62, code=192 189 186 180 175 168<-calc
 SKA_E3_T_INV_35 pin= 62, code=193 190 186 182 179 173<-calc
 SKA_E3_T_INV_50 pin= 62, code=193 190 187 185 183 178
 SKA_E3_T_INV_65 pin= 62, code=192 191 189 188 187 183

SKA_E3_T_INV_80 pin= 62, code=193 192 191 191 190 189
SKA_E4_T_20 pin= 62, code=192 189 186 180 175 168<-calc
SKA_E4_T_35 pin= 62, code=193 190 186 182 179 173<-calc
SKA_E4_T_50 pin= 62, code=203 200 198 195 193 188
SKA_E4_T_65 pin= 62, code=203 201 199 199 197 194
SKA_E4_T_80 pin= 62, code=203 202 201 201 201 200
SKA_E1_NDT_20 pin= 63, code=281 281 281 281 281 281
SKA_E1_NDT_35 pin= 63, code=279 279 279 279 279 279
SKA_E1_NDT_50 pin= 63, code=278 278 278 278 278 278
SKA_E1_NDT_65 pin= 63, code=276 276 276 276 276 276
SKA_E1_NDT_80 pin= 63, code=275 275 275 275 275 275
SKA_E2_NDT_20 pin= 63, code=274 274 274 274 274 274
SKA_E2_NDT_35 pin= 63, code=274 274 274 274 274 274
SKA_E2_NDT_50 pin= 63, code=276 276 276 276 276 276
SKA_E2_NDT_65 pin= 63, code=277 277 277 277 277 277
SKA_E2_NDT_80 pin= 63, code=279 279 279 279 279 279
SKA_E1_NDT_20 pin= 64, code=281 281 281 281 281 281
SKA_E1_NDT_35 pin= 64, code=279 279 279 279 279 279
SKA_E1_NDT_50 pin= 64, code=279 279 279 279 279 279
SKA_E1_NDT_65 pin= 64, code=277 277 277 277 277 277
SKA_E1_NDT_80 pin= 64, code=275 275 275 275 275 275
SKA_E2_NDT_20 pin= 64, code=274 274 274 274 274 274
SKA_E2_NDT_35 pin= 64, code=274 274 274 274 274 274
SKA_E2_NDT_50 pin= 64, code=275 275 275 275 275 275
SKA_E2_NDT_65 pin= 64, code=277 277 277 277 277 277
SKA_E2_NDT_80 pin= 64, code=279 279 279 279 279 279
SKA_E1_NDT_20 pin=185, code=293 292 290 290 290 289
SKA_E1_NDT_35 pin=185, code=293 291 289 288 286 283
SKA_E1_NDT_50 pin=185, code=293 291 287 286 283 278
SKA_E1_NDT_65 pin=185, code=293 289 286 282 279 273<-calc
SKA_E1_NDT_80 pin=185, code=290 287 285 280 275 268<-calc
SKA_E2_NDT_20 pin=185, code=290 287 285 279 275 265<-calc
SKA_E2_NDT_35 pin=185, code=292 288 285 282 278 271<-calc
SKA_E2_NDT_50 pin=185, code=292 289 286 284 282 277
SKA_E2_NDT_65 pin=185, code=291 289 287 287 286 283
SKA_E2_NDT_80 pin=185, code=292 290 289 289 289 288

SKA_E2_NDT_INV_20 pin=185, code=292 291 289 289 289 287
SKA_E2_NDT_INV_35 pin=185, code=292 290 287 287 285 281
SKA_E2_NDT_INV_50 pin=185, code=292 289 286 284 282 276
SKA_E2_NDT_INV_65 pin=185, code=292 288 285 281 278 271<-calc
SKA_E2_NDT_INV_80 pin=185, code=289 286 283 278 274 266<-calc
SKA_E5_DT_20 pin=185, code=284 283 282 281 281 280
SKA_E5_DT_35 pin=185, code=284 282 280 280 277 273
SKA_E5_DT_50 pin=185, code=284 282 279 276 274 268
SKA_E5_DT_65 pin=185, code=284 281 277 273 270 263<-calc
SKA_E5_DT_80 pin=185, code=281 279 275 270 266 258<-calc
SKA_E6_DT_20 pin=185, code=283 280 277 272 267 260<-calc
SKA_E6_DT_35 pin=185, code=285 281 277 274 271 265<-calc
SKA_E6_DT_50 pin=185, code=285 282 279 277 274 270
SKA_E6_DT_65 pin=185, code=284 282 280 281 279 275
SKA_E6_DT_80 pin=185, code=285 283 282 282 282 281
SKA_E6_DT_INV_20 pin=185, code=285 283 282 282 282 280
SKA_E6_DT_INV_35 pin=185, code=285 283 281 280 278 274
SKA_E6_DT_INV_50 pin=185, code=285 282 279 277 275 269
SKA_E6_DT_INV_65 pin=185, code=285 281 277 273 270 264<-calc
SKA_E6_DT_INV_80 pin=185, code=282 279 276 271 267 259<-calc
SKA_E3_N pin=185, code=179 (TR=179 TF=176)
SKW_E3_N_DRDS_20 pin=185, code= 12 12 11 11 11 10
SKW_E3_N_DRDS_35 pin=185, code= 12 12 10 10 9 8
SKW_E3_N_DRDS_50 pin=185, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=185, code= 12 11 9 7 6 4<-calc
SKW_E3_N_DRDS_80 pin=185, code= 11 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin=185, code= 10 9 8 5 3 1<-calc
SKW_E3_N_DRDR_35 pin=185, code= 11 9 8 6 5 3<-calc
SKW_E3_N_DRDR_50 pin=185, code= 11 10 8 8 6 5
SKW_E3_N_DRDR_65 pin=185, code= 11 10 9 9 8 7
SKW_E3_N_DRDR_80 pin=185, code= 11 10 10 10 10 9
SKA_E3_D pin=185, code=164 (TR=164 TF=164)
SKW_E3_D_DRES_20 pin=185, code= 12 12 11 11 11 10
SKW_E3_D_DRES_35 pin=185, code= 12 12 11 10 9 8
SKW_E3_D_DRES_50 pin=185, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin=185, code= 12 11 9 7 6 4<-calc

SKW_E3_D_DRES_80 pin=185, code= 11 10 9 6 5 2<-calc
SKW_E3_D_DRER_20 pin=185, code= 12 10 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin=185, code= 12 11 9 8 6 4<-calc
SKW_E3_D_DRER_50 pin=185, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=185, code= 12 11 10 11 10 8
SKW_E3_D_DRER_80 pin=185, code= 12 12 11 11 11 11
SKA_E4_D pin=185, code=179 (TR=179 TF=176)
SKW_E4_D_DRDS_20 pin=185, code= 13 12 12 12 11 11
SKW_E4_D_DRDS_35 pin=185, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin=185, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin=185, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDS_80 pin=185, code= 12 10 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=185, code= 10 9 8 5 3 1<-calc
SKW_E4_D_DRDR_35 pin=185, code= 11 9 8 6 5 3<-calc
SKW_E4_D_DRDR_50 pin=185, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin=185, code= 11 10 9 9 8 7
SKW_E4_D_DRDR_80 pin=185, code= 11 10 10 10 10 9
SKA_E3_T_20 pin=185, code=194 192 191 191 190 189
SKA_E3_T_35 pin=185, code=193 191 189 189 187 183
SKA_E3_T_50 pin=185, code=194 191 188 186 183 178
SKA_E3_T_65 pin=185, code=193 190 186 182 179 173<-calc
SKA_E3_T_80 pin=185, code=191 188 185 180 175 168<-calc
SKA_E4_T_20 pin=185, code=205 204 202 202 202 201<-calc
SKA_E4_T_35 pin=185, code=205 203 201 200 198 194<-calc
SKA_E4_T_50 pin=185, code=205 202 199 197 194 190
SKA_E4_T_65 pin=185, code=204 203 201 201 199 195
SKA_E4_T_80 pin=185, code=205 203 202 202 202 201
SKA_E4_T_INV_20 pin=185, code=205 204 202 202 202 201
SKA_E4_T_INV_35 pin=185, code=205 203 201 200 198 194
SKA_E4_T_INV_50 pin=185, code=205 203 199 197 195 189
SKA_E4_T_INV_65 pin=185, code=205 201 197 193 191 184<-calc
SKA_E4_T_INV_80 pin=185, code=202 199 196 191 187 179<-calc
SKA_E1_NDT_20 pin=186, code=291 290 289 289 288 287
SKA_E1_NDT_35 pin=186, code=291 289 287 287 285 281
SKA_E1_NDT_50 pin=186, code=291 289 286 284 282 276
SKA_E1_NDT_65 pin=186, code=291 288 284 280 277 271<-calc

SKA_E1_NDT_80 pin=186, code=289 286 283 278 274 266<-calc
SKA_E1_NDT_INV_20 pin=186, code=290 287 284 279 274 267<-calc
SKA_E1_NDT_INV_35 pin=186, code=291 288 285 282 278 272<-calc
SKA_E1_NDT_INV_50 pin=186, code=291 289 286 284 281 277
SKA_E1_NDT_INV_65 pin=186, code=291 289 287 287 286 282
SKA_E1_NDT_INV_80 pin=186, code=291 290 289 289 289 287
SKA_E2_NDT_20 pin=186, code=289 286 284 278 274 266<-calc
SKA_E2_NDT_35 pin=186, code=291 287 284 281 277 271<-calc
SKA_E2_NDT_50 pin=186, code=290 288 285 283 280 276
SKA_E2_NDT_65 pin=186, code=290 288 286 287 285 281
SKA_E2_NDT_80 pin=186, code=290 289 288 288 288 287
SKA_E5_DT_20 pin=186, code=283 282 280 280 280 278
SKA_E5_DT_35 pin=186, code=283 281 278 278 276 272
SKA_E5_DT_50 pin=186, code=283 280 277 275 273 267
SKA_E5_DT_65 pin=186, code=283 279 275 271 268 262<-calc
SKA_E5_DT_80 pin=186, code=280 277 274 269 265 257<-calc
SKA_E5_DT_INV_20 pin=186, code=281 278 275 269 265 258<-calc
SKA_E5_DT_INV_35 pin=186, code=283 279 276 272 269 263<-calc
SKA_E5_DT_INV_50 pin=186, code=283 280 277 275 272 268
SKA_E5_DT_INV_65 pin=186, code=282 280 278 278 277 273
SKA_E5_DT_INV_80 pin=186, code=283 281 280 280 280 279
SKA_E6_DT_20 pin=186, code=282 279 276 270 266 259<-calc
SKA_E6_DT_35 pin=186, code=284 280 277 273 270 264<-calc
SKA_E6_DT_50 pin=186, code=284 281 278 276 273 269
SKA_E6_DT_65 pin=186, code=283 281 279 280 278 274
SKA_E6_DT_80 pin=186, code=284 282 281 281 281 280
SKA_E3_N pin=186, code=179 (TR=179 TF=179)
SKW_E3_N_DRDS_20 pin=186, code= 13 12 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 10 9 8 6
SKW_E3_N_DRDS_65 pin=186, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=186, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin=186, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin=186, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDR_50 pin=186, code= 13 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=186, code= 12 11 11 11 10 8

SKW_E3_N_DRDR_80 pin=186, code= 13 12 11 11 11 11
SKA_E3_D pin=186, code=165 (TR=165 TF=164)
SKW_E3_D_DRES_20 pin=186, code= 13 12 12 12 11 11
SKW_E3_D_DRES_35 pin=186, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin=186, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=186, code= 13 11 9 7 6 4<-calc
SKW_E3_D_DRES_80 pin=186, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_20 pin=186, code= 11 10 9 6 4 0<-calc
SKW_E3_D_DRER_35 pin=186, code= 12 10 9 7 6 2<-calc
SKW_E3_D_DRER_50 pin=186, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=186, code= 12 11 10 10 9 8
SKW_E3_D_DRER_80 pin=186, code= 12 11 11 11 11 10
SKA_E4_D pin=186, code=180 (TR=180 TF=179)
SKW_E4_D_DRDS_20 pin=186, code= 13 12 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 10 10 8 6
SKW_E4_D_DRDS_65 pin=186, code= 13 11 10 8 6 4<-calc
SKW_E4_D_DRDS_80 pin=186, code= 12 10 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=186, code= 12 10 9 6 4 2<-calc
SKW_E4_D_DRDR_35 pin=186, code= 12 11 9 8 6 4<-calc
SKW_E4_D_DRDR_50 pin=186, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=186, code= 12 11 10 10 10 8
SKW_E4_D_DRDR_80 pin=186, code= 12 12 11 11 11 11
SKA_E3_T_20 pin=186, code=194 193 191 191 191 189
SKA_E3_T_35 pin=186, code=194 192 190 189 187 183
SKA_E3_T_50 pin=186, code=194 191 188 186 184 178
SKA_E3_T_65 pin=186, code=194 190 187 182 179 173<-calc
SKA_E3_T_80 pin=186, code=191 188 185 180 176 168<-calc
SKA_E3_T_INV_20 pin=186, code=192 189 187 181 176 169<-calc
SKA_E3_T_INV_35 pin=186, code=194 190 187 184 180 174<-calc
SKA_E3_T_INV_50 pin=186, code=194 191 188 186 183 179
SKA_E3_T_INV_65 pin=186, code=193 191 189 190 188 184
SKA_E3_T_INV_80 pin=186, code=194 192 191 191 191 190
SKA_E4_T_20 pin=186, code=192 189 187 181 176 169<-calc
SKA_E4_T_35 pin=186, code=194 190 187 184 180 174<-calc
SKA_E4_T_50 pin=186, code=208 205 202 200 197 193

SKA_E4_T_65 pin=186, code=207 205 203 203 202 198
SKA_E4_T_80 pin=186, code=208 206 205 205 205 203
SKA_E1_NDT_20 pin=187, code=295 294 292 292 292 290
SKA_E1_NDT_35 pin=187, code=295 293 291 290 288 284
SKA_E1_NDT_50 pin=187, code=295 292 289 287 285 280
SKA_E1_NDT_65 pin=187, code=295 291 288 284 281 276<-calc
SKA_E1_NDT_80 pin=187, code=292 289 286 282 277 272<-calc
SKA_E2_NDT_20 pin=187, code=292 289 287 281 277 269<-calc
SKA_E2_NDT_35 pin=187, code=294 290 287 284 280 274<-calc
SKA_E2_NDT_50 pin=187, code=294 291 288 286 283 279
SKA_E2_NDT_65 pin=187, code=293 291 289 290 288 284
SKA_E2_NDT_80 pin=187, code=294 292 291 291 291 290
SKA_E5_DT_20 pin=187, code=285 284 283 283 283 281
SKA_E5_DT_35 pin=187, code=285 283 281 281 279 275
SKA_E5_DT_50 pin=187, code=286 283 280 278 275 270
SKA_E5_DT_65 pin=187, code=285 282 278 274 271 265<-calc
SKA_E5_DT_80 pin=187, code=283 280 277 272 267 260<-calc
SKA_E6_DT_20 pin=187, code=285 282 280 274 270 263<-calc
SKA_E6_DT_35 pin=187, code=287 284 280 277 273 268<-calc
SKA_E6_DT_50 pin=187, code=287 284 281 279 277 273
SKA_E6_DT_65 pin=187, code=287 285 283 283 281 278
SKA_E6_DT_80 pin=187, code=287 285 284 284 285 283
SKA_E3_N pin=187, code=179 (TR=178 TF=179)
SKW_E3_N_DRDS_20 pin=187, code= 12 12 11 11 11 10
SKW_E3_N_DRDS_35 pin=187, code= 12 11 10 10 9 8
SKW_E3_N_DRDS_50 pin=187, code= 12 11 10 9 8 5
SKW_E3_N_DRDS_65 pin=187, code= 12 11 9 7 6 2<-calc
SKW_E3_N_DRDS_80 pin=187, code= 11 10 8 6 4 0<-calc
SKW_E3_N_DRDR_20 pin=187, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin=187, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDR_50 pin=187, code= 13 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=187, code= 12 11 11 11 10 8
SKW_E3_N_DRDR_80 pin=187, code= 12 12 11 11 11 11
SKA_E3_D pin=187, code=167 (TR=165 TF=167)
SKW_E3_D_DRES_20 pin=187, code= 12 11 11 11 10 10
SKW_E3_D_DRES_35 pin=187, code= 12 11 10 10 9 7

SKW_E3_D_DRES_50 pin=187, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=187, code= 12 10 9 7 5 3<-calc
SKW_E3_D_DRES_80 pin=187, code= 11 9 8 6 4 1<-calc
SKW_E3_D_DRER_20 pin=187, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin=187, code= 12 11 9 8 6 4<-calc
SKW_E3_D_DRER_50 pin=187, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=187, code= 12 11 10 11 10 8
SKW_E3_D_DRER_80 pin=187, code= 12 12 11 11 11 11
SKA_E4_D pin=187, code=179 (TR=179 TF=179)
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= 12 10 9 7 5 2<-calc
SKW_E4_D_DRDR_35 pin=187, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDR_50 pin=187, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=187, code= 12 11 11 11 10 8
SKW_E4_D_DRDR_80 pin=187, code= 12 12 11 11 11 11
SKA_E3_T_20 pin=187, code=195 194 193 192 192 191
SKA_E3_T_35 pin=187, code=195 193 191 190 188 184
SKA_E3_T_50 pin=187, code=195 193 189 187 185 179
SKA_E3_T_65 pin=187, code=195 191 188 183 181 174<-calc
SKA_E3_T_80 pin=187, code=192 189 186 181 177 169<-calc
SKA_E4_T_20 pin=187, code=192 189 187 181 176 169<-calc
SKA_E4_T_35 pin=187, code=194 190 187 184 180 174<-calc
SKA_E4_T_50 pin=187, code=208 205 202 200 197 193
SKA_E4_T_65 pin=187, code=208 205 203 204 202 198
SKA_E4_T_80 pin=187, code=208 206 205 205 205 204
SKA_E1_NDT_20 pin=188, code=296 295 293 293 293 292
SKA_E1_NDT_35 pin=188, code=296 294 292 291 289 286
SKA_E1_NDT_50 pin=188, code=296 293 291 288 285 281
SKA_E1_NDT_65 pin=188, code=296 292 289 285 282 276<-calc
SKA_E1_NDT_80 pin=188, code=294 291 288 283 278 271<-calc
SKA_E2_NDT_20 pin=188, code=293 290 287 281 278 270<-calc
SKA_E2_NDT_35 pin=188, code=295 291 288 284 281 275<-calc

SKA_E2_NDT_50 pin=188, code=294 291 288 287 284 280
SKA_E2_NDT_65 pin=188, code=293 292 290 290 288 285
SKA_E2_NDT_80 pin=188, code=294 293 292 292 292 291
SKA_E5_DT_20 pin=188, code=287 286 284 283 283 283
SKA_E5_DT_35 pin=188, code=286 285 282 282 280 276
SKA_E5_DT_50 pin=188, code=287 284 281 279 276 271
SKA_E5_DT_65 pin=188, code=287 283 279 275 273 266<-calc
SKA_E5_DT_80 pin=188, code=284 282 278 273 269 261<-calc
SKA_E6_DT_20 pin=188, code=287 284 281 274 270 263<-calc
SKA_E6_DT_35 pin=188, code=288 284 281 277 274 268<-calc
SKA_E6_DT_50 pin=188, code=287 285 282 280 277 273
SKA_E6_DT_65 pin=188, code=287 285 283 284 282 278
SKA_E6_DT_80 pin=188, code=287 286 285 285 285 284
SKA_E3_N pin=188, code=182 (TR=182 TF=181)
SKW_E3_N_DRDS_20 pin=188, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin=188, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=188, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=188, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=188, code= 12 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin=188, code= 12 10 9 6 4 2<-calc
SKW_E3_N_DRDR_35 pin=188, code= 13 11 9 7 6 4<-calc
SKW_E3_N_DRDR_50 pin=188, code= 12 11 9 9 8 6
SKW_E3_N_DRDR_65 pin=188, code= 12 11 10 10 9 8
SKW_E3_N_DRDR_80 pin=188, code= 12 12 11 11 11 11
SKA_E3_D pin=188, code=170 (TR=170 TF=170)
SKW_E3_D_DRES_20 pin=188, code= 13 12 12 11 11 11
SKW_E3_D_DRES_35 pin=188, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin=188, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=188, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRES_80 pin=188, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin=188, code= 12 11 10 7 5 2<-calc
SKW_E3_D_DRER_35 pin=188, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRER_50 pin=188, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=188, code= 12 12 11 11 10 8
SKW_E3_D_DRER_80 pin=188, code= 13 12 12 12 12 11
SKA_E4_D pin=188, code=183 (TR=183 TF=181)

SKW_E4_D_DRDS_20 pin=188, code= 13 12 11 11 11 11
SKW_E4_D_DRDS_35 pin=188, code= 12 12 11 11 10 8
SKW_E4_D_DRDS_50 pin=188, code= 13 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 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=188, code= 11 10 9 6 4 0<-calc
SKW_E4_D_DRDR_35 pin=188, code= 12 10 9 7 6 2<-calc
SKW_E4_D_DRDR_50 pin=188, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=188, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_80 pin=188, code= 12 11 11 11 10 10
SKA_E3_T_20 pin=188, code=200 198 197 196 196 196
SKA_E3_T_35 pin=188, code=199 197 195 195 193 189
SKA_E3_T_50 pin=188, code=199 197 194 191 189 184
SKA_E3_T_65 pin=188, code=200 195 192 188 185 179<-calc
SKA_E3_T_80 pin=188, code=197 195 191 186 181 174<-calc
SKA_E4_T_20 pin=188, code=192 189 187 181 176 169<-calc
SKA_E4_T_35 pin=188, code=194 190 187 184 180 174<-calc
SKA_E4_T_50 pin=188, code=210 207 204 202 199 195
SKA_E4_T_65 pin=188, code=209 208 206 206 204 200
SKA_E4_T_80 pin=188, code=210 208 207 207 207 206
SKA_E1_NDT_20 pin=189, code=297 296 295 294 294 293
SKA_E1_NDT_35 pin=189, code=297 295 293 293 291 287
SKA_E1_NDT_50 pin=189, code=297 295 292 289 287 282
SKA_E1_NDT_65 pin=189, code=298 293 290 286 284 277<-calc
SKA_E1_NDT_80 pin=189, code=295 293 289 284 280 272<-calc
SKA_E2_NDT_20 pin=189, code=295 292 289 283 279 272<-calc
SKA_E2_NDT_35 pin=189, code=297 293 289 285 283 277<-calc
SKA_E2_NDT_50 pin=189, code=296 293 290 288 286 282
SKA_E2_NDT_65 pin=189, code=295 294 292 292 290 287
SKA_E2_NDT_80 pin=189, code=296 294 293 293 293 292
SKA_E2_NDT_INV_20 pin=189, code=296 295 294 293 293 293
SKA_E2_NDT_INV_35 pin=189, code=296 294 292 292 290 286
SKA_E2_NDT_INV_50 pin=189, code=296 294 291 288 286 281
SKA_E2_NDT_INV_65 pin=189, code=297 292 289 285 283 276<-calc
SKA_E2_NDT_INV_80 pin=189, code=294 292 288 283 279 271<-calc
SKA_E5_DT_20 pin=189, code=289 287 286 286 285 285

SKA_E5_DT_35 pin=189, code=288 287 284 284 282 278
SKA_E5_DT_50 pin=189, code=288 286 283 281 278 273
SKA_E5_DT_65 pin=189, code=289 285 282 277 275 268<-calc
SKA_E5_DT_80 pin=189, code=287 284 281 275 271 263<-calc
SKA_E6_DT_20 pin=189, code=289 286 283 277 273 263<-calc
SKA_E6_DT_35 pin=189, code=291 287 283 279 276 269<-calc
SKA_E6_DT_50 pin=189, code=290 287 284 282 280 275
SKA_E6_DT_65 pin=189, code=289 287 286 286 284 281
SKA_E6_DT_80 pin=189, code=290 288 287 287 287 287
SKA_E6_DT_INV_20 pin=189, code=290 289 288 287 287 287
SKA_E6_DT_INV_35 pin=189, code=290 288 286 286 284 280
SKA_E6_DT_INV_50 pin=189, code=290 288 285 282 280 275
SKA_E6_DT_INV_65 pin=189, code=290 286 283 279 276 270<-calc
SKA_E6_DT_INV_80 pin=189, code=288 286 282 277 272 265<-calc
SKA_E3_N pin=189, code=186 (TR=186 TF=186)
SKW_E3_N_DRDS_20 pin=189, code= 13 12 11 11 11 11
SKW_E3_N_DRDS_35 pin=189, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=189, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=189, code= 13 11 9 7 6 4<-calc
SKW_E3_N_DRDS_80 pin=189, code= 12 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin=189, code= 12 11 9 6 5 2<-calc
SKW_E3_N_DRDR_35 pin=189, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDR_50 pin=189, code= 12 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=189, code= 12 11 11 11 10 8
SKW_E3_N_DRDR_80 pin=189, code= 12 12 11 11 11 11
SKA_E3_D pin=189, code=173 (TR=171 TF=173)
SKW_E3_D_DRES_20 pin=189, code= 12 12 11 11 10 10
SKW_E3_D_DRES_35 pin=189, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin=189, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=189, code= 12 10 9 7 6 3<-calc
SKW_E3_D_DRES_80 pin=189, code= 11 10 8 6 4 1<-calc
SKW_E3_D_DRER_20 pin=189, code= 12 11 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin=189, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRER_50 pin=189, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=189, code= 12 11 10 11 10 8
SKW_E3_D_DRER_80 pin=189, code= 12 12 11 11 11 11

SKA_E4_D pin=189, code=187 (TR=187 TF=187)

SKW_E4_D_DRDS_20 pin=189, code= 13 12 12 11 11 11

SKW_E4_D_DRDS_35 pin=189, code= 13 12 11 11 10 8

SKW_E4_D_DRDS_50 pin=189, code= 13 12 10 9 8 6

SKW_E4_D_DRDS_65 pin=189, code= 13 11 10 8 7 4<-calc

SKW_E4_D_DRDS_80 pin=189, code= 12 11 9 7 5 2<-calc

SKW_E4_D_DRDR_20 pin=189, code= 12 10 9 6 5 2<-calc

SKW_E4_D_DRDR_35 pin=189, code= 13 11 9 8 6 4<-calc

SKW_E4_D_DRDR_50 pin=189, code= 12 11 10 9 8 6

SKW_E4_D_DRDR_65 pin=189, code= 12 11 10 11 10 8

SKW_E4_D_DRDR_80 pin=189, code= 12 12 11 11 11 11

SKA_E3_T_20 pin=189, code=202 200 199 198 198 198

SKA_E3_T_35 pin=189, code=201 199 197 197 195 191

SKA_E3_T_50 pin=189, code=201 199 196 193 190 186

SKA_E3_T_65 pin=189, code=202 197 194 190 187 181<-calc

SKA_E3_T_80 pin=189, code=199 197 193 188 183 176<-calc

SKA_E4_T_20 pin=189, code=215 214 213 212 212 211<-calc

SKA_E4_T_35 pin=189, code=215 213 211 211 208 205<-calc

SKA_E4_T_50 pin=189, code=215 212 209 207 204 200

SKA_E4_T_65 pin=189, code=214 213 211 211 209 205

SKA_E4_T_80 pin=189, code=215 213 212 212 212 211

SKA_E4_T_INV_20 pin=189, code=215 214 213 212 212 211

SKA_E4_T_INV_35 pin=189, code=215 213 211 211 208 205

SKA_E4_T_INV_50 pin=189, code=215 213 210 207 204 200

SKA_E4_T_INV_65 pin=189, code=216 211 208 204 201 195<-calc

SKA_E4_T_INV_80 pin=189, code=213 211 207 202 197 190<-calc

SKA_E1_NDT_20 pin=190, code=296 295 294 293 293 292

SKA_E1_NDT_35 pin=190, code=296 294 292 292 289 286

SKA_E1_NDT_50 pin=190, code=296 294 291 288 286 281

SKA_E1_NDT_65 pin=190, code=297 292 289 285 283 276<-calc

SKA_E1_NDT_80 pin=190, code=294 291 288 283 279 271<-calc

SKA_E1_NDT_INV_20 pin=190, code=295 292 289 283 279 272<-calc

SKA_E1_NDT_INV_35 pin=190, code=297 293 289 285 283 277<-calc

SKA_E1_NDT_INV_50 pin=190, code=296 293 290 289 286 282

SKA_E1_NDT_INV_65 pin=190, code=295 294 292 292 290 287

SKA_E1_NDT_INV_80 pin=190, code=296 294 293 293 293 293

SKA_E2_NDT_20 pin=190, code=294 290 288 282 278 270<-calc
SKA_E2_NDT_35 pin=190, code=295 291 288 284 281 275<-calc
SKA_E2_NDT_50 pin=190, code=294 291 289 287 284 280
SKA_E2_NDT_65 pin=190, code=293 292 290 290 288 285
SKA_E2_NDT_80 pin=190, code=294 293 292 292 292 291
SKA_E5_DT_20 pin=190, code=287 287 285 284 284 284
SKA_E5_DT_35 pin=190, code=287 285 283 283 281 277
SKA_E5_DT_50 pin=190, code=287 285 282 280 277 272
SKA_E5_DT_65 pin=190, code=288 284 280 276 274 267<-calc
SKA_E5_DT_80 pin=190, code=285 283 279 274 270 262<-calc
SKA_E5_DT_INV_20 pin=190, code=287 283 281 274 270 263<-calc
SKA_E5_DT_INV_35 pin=190, code=288 284 281 276 274 268<-calc
SKA_E5_DT_INV_50 pin=190, code=287 285 282 280 277 273
SKA_E5_DT_INV_65 pin=190, code=287 285 283 283 281 278
SKA_E5_DT_INV_80 pin=190, code=287 286 285 285 285 284
SKA_E6_DT_20 pin=190, code=287 284 281 275 271 261<-calc
SKA_E6_DT_35 pin=190, code=289 285 281 277 274 267<-calc
SKA_E6_DT_50 pin=190, code=288 285 282 281 278 273
SKA_E6_DT_65 pin=190, code=287 286 284 284 282 279
SKA_E6_DT_80 pin=190, code=288 287 286 286 285 285
SKA_E3_N pin=190, code=188 (TR=188 TF=185)
SKW_E3_N_DRDS_20 pin=190, code= 13 13 12 11 11 11
SKW_E3_N_DRDS_35 pin=190, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=190, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=190, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=190, code= 12 11 9 7 5 2<-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 6 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=174 (TR=173 TF=174)
SKW_E3_D_DRES_20 pin=190, code= 13 12 11 11 11 11
SKW_E3_D_DRES_35 pin=190, code= 12 12 10 10 9 8
SKW_E3_D_DRES_50 pin=190, code= 13 11 10 9 8 5
SKW_E3_D_DRES_65 pin=190, code= 13 11 9 7 6 2<-calc

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SKW_E3_D_DRES_80 pin=190, code= 11 10 9 6 4 0<-calc
SKW_E3_D_DRER_20 pin=190, code= 12 11 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin=190, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRER_50 pin=190, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=190, code= 12 12 11 11 10 8
SKW_E3_D_DRER_80 pin=190, code= 13 12 12 11 11 11
SKA_E4_D pin=190, code=189 (TR=189 TF=186)
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 8
SKW_E4_D_DRDS_50 pin=190, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin=190, code= 13 11 10 8 6 4<-calc
SKW_E4_D_DRDS_80 pin=190, code= 12 11 9 7 5 2<-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 8 8 6 4
SKW_E4_D_DRDR_65 pin=190, code= 11 10 9 9 8 7
SKW_E4_D_DRDR_80 pin=190, code= 11 10 10 10 10 10
SKA_E3_T_20 pin=190, code=203 201 200 199 199 199
SKA_E3_T_35 pin=190, code=202 200 198 198 195 192
SKA_E3_T_50 pin=190, code=202 200 197 194 192 187
SKA_E3_T_65 pin=190, code=203 198 195 191 188 182<-calc
SKA_E3_T_80 pin=190, code=200 198 194 189 184 177<-calc
SKA_E3_T_INV_20 pin=190, code=201 198 195 189 185 175<-calc
SKA_E3_T_INV_35 pin=190, code=203 199 195 191 188 181<-calc
SKA_E3_T_INV_50 pin=190, code=202 199 196 195 192 187
SKA_E3_T_INV_65 pin=190, code=201 200 198 198 196 193
SKA_E3_T_INV_80 pin=190, code=202 201 200 200 200 199
SKA_E4_T_20 pin=190, code=201 198 195 189 185 175<-calc
SKA_E4_T_35 pin=190, code=203 199 195 191 188 181<-calc
SKA_E4_T_50 pin=190, code=214 211 208 206 203 199
SKA_E4_T_65 pin=190, code=213 211 210 210 208 204
SKA_E4_T_80 pin=190, code=214 212 211 211 211 210
<<<HCLK driver skew calibration[PASS]>>>
<<<LCD HV step response calibration>>>
loop number =10
LCDRES lcdpin= 1, ccal= 59

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LCDRES lcdpin= 2, ccal= 57
LCDRES lcdpin= 3, ccal= 54
LCDRES lcdpin= 4, ccal= 55
LCDRES lcdpin= 5, ccal= 58
LCDRES lcdpin= 6, ccal= 50
LCDRES lcdpin= 7, ccal= 48
LCDRES lcdpin= 8, ccal= 55
LCDRES lcdpin= 9, ccal= 56
LCDRES lcdpin= 10, ccal= 56
LCDRES lcdpin= 11, ccal= 56
LCDRES lcdpin= 12, ccal= 59
LCDRES lcdpin= 13, ccal= 60
LCDRES lcdpin= 14, ccal= 57
LCDRES lcdpin= 15, ccal= 60
LCDRES lcdpin= 16, ccal= 58
LCDRES lcdpin= 17, ccal= 47
LCDRES lcdpin= 18, ccal= 54
LCDRES lcdpin= 19, ccal= 55
LCDRES lcdpin= 20, ccal= 49
LCDRES lcdpin= 21, ccal= 52
LCDRES lcdpin= 22, ccal= 53
LCDRES lcdpin= 23, ccal= 52
LCDRES lcdpin= 24, ccal= 50
LCDRES lcdpin= 25, ccal= 55
LCDRES lcdpin= 26, ccal= 55
LCDRES lcdpin= 27, ccal= 54
LCDRES lcdpin= 28, ccal= 52
LCDRES lcdpin= 29, ccal= 52
LCDRES lcdpin= 30, ccal= 59
LCDRES lcdpin= 31, ccal= 57
LCDRES lcdpin= 32, ccal= 53
LCDRES lcdpin= 33, ccal= 60
LCDRES lcdpin= 34, ccal= 58
LCDRES lcdpin= 35, ccal= 59
LCDRES lcdpin= 36, ccal= 52
LCDRES lcdpin= 37, ccal= 54

LCDRES lcdpin= 38, ccal= 57
LCDRES lcdpin= 39, ccal= 52
LCDRES lcdpin= 40, ccal= 62
LCDRES lcdpin= 41, ccal= 57
LCDRES lcdpin= 42, ccal= 51
LCDRES lcdpin= 43, ccal= 56
LCDRES lcdpin= 44, ccal= 49
LCDRES lcdpin= 45, ccal= 56
LCDRES lcdpin= 46, ccal= 57
LCDRES lcdpin= 47, ccal= 58
LCDRES lcdpin= 48, ccal= 64
LCDRES lcdpin= 49, ccal= 61
LCDRES lcdpin= 50, ccal= 55
LCDRES lcdpin= 51, ccal= 54
LCDRES lcdpin= 52, ccal= 48
LCDRES lcdpin= 53, ccal= 49
LCDRES lcdpin= 54, ccal= 48
LCDRES lcdpin= 55, ccal= 52
LCDRES lcdpin= 56, ccal= 52
LCDRES lcdpin= 57, ccal= 51
LCDRES lcdpin= 58, ccal= 59
LCDRES lcdpin= 59, ccal= 52
LCDRES lcdpin= 60, ccal= 52
LCDRES lcdpin= 61, ccal= 50
LCDRES lcdpin= 62, ccal= 59
LCDRES lcdpin= 63, ccal= 58
LCDRES lcdpin= 64, ccal= 55
LCDRES lcdpin= 65, ccal= 50
LCDRES lcdpin= 66, ccal= 54
LCDRES lcdpin= 67, ccal= 52
LCDRES lcdpin= 68, ccal= 48
LCDRES lcdpin= 69, ccal= 52
LCDRES lcdpin= 70, ccal= 56
LCDRES lcdpin= 71, ccal= 54
LCDRES lcdpin= 72, ccal= 52
LCDRES lcdpin= 73, ccal= 46

LCDRES lcdpin= 74, ccal= 55
LCDRES lcdpin= 75, ccal= 57
LCDRES lcdpin= 76, ccal= 51
LCDRES lcdpin= 77, ccal= 55
LCDRES lcdpin= 78, ccal= 58
LCDRES lcdpin= 79, ccal= 57
LCDRES lcdpin= 80, ccal= 54
LCDRES lcdpin= 81, ccal= 58
LCDRES lcdpin= 82, ccal= 57
LCDRES lcdpin= 83, ccal= 56
LCDRES lcdpin= 84, ccal= 52
LCDRES lcdpin= 85, ccal= 45
LCDRES lcdpin= 86, ccal= 54
LCDRES lcdpin= 87, ccal= 56
LCDRES lcdpin= 88, ccal= 57
LCDRES lcdpin= 89, ccal= 56
LCDRES lcdpin= 90, ccal= 59
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<<<LCD HV step response calibration[PASS]>>>

<<<LCD comparator skew calibration>>>

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LCDSKEW_EXPINC e1=229, e2=229

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F LCDSK: PinNo(690) is Out of Range Error

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LCDSK lcdpin=747, data=240
LCDSK lcdpin=748, data=251
LCDSK lcdpin=749, data=262
LCDSK lcdpin=750, data=264
LCDSK lcdpin=751, data=266
LCDSK lcdpin=752, data=279

<<<LCD comparator skew calibration[FAIL/lcdpin=690]>>>

[End time : 2020/10/20 17:06:25]

<infodataend>

<infoallstart>

Calibration result

[Item Summary] <.!='Pass 'F'=Fail '-'=Other>

0000000000000000 0000000000000000 0000000000000000 00000000 HCLK-1
0000000001111111 1112222222222333 3333333444444444 45555555#####
1234567890123456 7890123456789012 3456789012345678 90123456123456SC

DC

CC10UA I1-----
CC10UA I2-----
CC10UA IM-----
CC250UA I1-----
CC250UA I2-----
CC250UA IM-----
ALD I1-----
ALD I2-----
IM10UA-----
IM250UA-----
VM-----
RPATH-----
DCLH-----
DCLL-----
CV10UA-----
CV250UA-----
DRV-----
VCM-----
CMP-----

FAP

PWRCTRL-----
TVTH-----

SPAN

SPANC-----
SPANF1-----
SPANF2-----

SPANF3-----
SPANF4-----
SPANF5-----
SPANF6-----
HCLK SPAN
TVTH
SPAN
SCP
ECMP5-----
ECMP6-----
WCMP5-----
WCMP6-----
SDR
SR VAL-----
SR RISE-----
SR FALL-----
DRV-----
SKEW VAL
SKA1 NDT
SKA2 NDT
SKA5 DT
SKA6 DT
SKA3 N
SKW3 N DRDS
SKW3 N DRDR
SKA3 D
SKW3 D DRES
SKW3 D DRER
SKA4 D
SKW4 D DRDS
SKW4 D DRDR
SKA3 T
SKA4 T
SKW3 N DRES
SKW3 N ALER
SKA4 N

SKW4 N DRER
SKW4 N ALES
SKA1 NDT INV-----.....
SKA2 NDT INV-----.....
SKA5 DT INV -----.....
SKA6 DT INV -----.....
SKA3 T INV -----.....
SKA4 T INV -----.....

1111111111111111 1111111111111111 1111111111111111 11111111 HCLK-2
2333333333344444 4444455555555556 666666666777777 77788888#####
9012345678901234 5678901234567890 1234567890123456 78901234123456SC

DC

CC10UA I1F.F.-----
CC10UA I2F.F.-----
CC10UA IMF.F.-----
CC250UA I1F.F.-----
CC250UA I2F.F.-----
CC250UA IMF.F.-----
ALD I1-----
ALD I2-----
IM10UAF.F.-----
IM250UAF.F.-----
VMF.F.-----
RPATH-----
DCLHF.F.-----
DCLLF.F.-----
CV10UAF.F.-----
CV250UAF.F.-----
DRVFF.. F.....
VCMF.F.-----
CMPFF.. F.....

FAP

PWRCTRL
TVTHFF.. F.....

SPAN

SPANCFFF. F.....
 SPANF1FF. .F.....
 SPANF2FF. .F.....
 SPANF3FF. .F.....
 SPANF4FFF. F.....
 SPANF5FF. .F.....
 SPANF6FF. .F.....

HCLK SPAN

TVTH
 SPAN

SCP

ECMP5 -----
 ECMP6F.....
 WCMP5F.F.....
 WCMP6F.....

SDR

SR VAL -----
 SR RISE -----
 SR FALL -----
 DRV -----
 SKEW VALFF.....
 SKA1 NDTFF. .F.....
 SKA2 NDTFF. .F.....
 SKA5 DTFF. .F.....
 SKA6 DTFF. .F.....
 SKA3 NFF. .F.....
 SKW3 N DRDSFF. .F.....
 SKW3 N DRDRFF. .F.....
 SKA3 DFF. .F.....
 SKW3 D DRESFF. .F.....
 SKW3 D DRERFF. .F.....
 SKA4 DFF. .F.....
 SKW4 D DRDSFF. .F.....
 SKW4 D DRDRFF. .F.....
 SKA3 TFF. .F.....
 SKA4 TFF. .F.....

SKW3 N DRESFFFF. F.....
 SKW3 N ALERFF.F. F.....
 SKA4 NFFFF. F.....
 SKW4 N DRERFFFF. F.....
 SKW4 N ALESF.F.....
 SKA1 NDT INV-----
 SKA2 NDT INV-----
 SKA5 DT INV -----
 SKA6 DT INV -----
 SKA3 T INV -----
 SKA4 T INV -----

[Lcd Summary] <'='Pass 'F'=Fail '='Other>

0000000000000000 0000000000000000 0000000000000000 0000000000000000
 0000000001111111 1112222222222333 3333333444444444 4555555555566666
 1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC

HIGH
 LOW

LCDRES

STEP UP

LCDSK

EDGE STRB
 WIN START
 WIN END

0000000000000000 0000000000000000 0001111111111111 1111111111111111
 6666677777777778 8888888889999999 9990000000000111 1111112222222222
 5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC

HIGH
 LOW

LCDRES

STEP UP

LCDSK

EDGE STRB
WIN START
WIN END

1111111111111111 1111111111111111 1111111111111111 1111111111111111
2333333333344444 4444455555555556 666666666777777 7778888888888999
9012345678901234 5678901234567890 1234567890123456 7890123456789012

LCDDC
HIGH
LOW

LCDRES
STEP UP

LCDSK
EDGE STRB
WIN START
WIN END

111111222222222 222222222222222 222222222222222 222222222222222
999999900000000 0111111111122222 222223333333333 444444444555555
3456789012345678 9012345678901234 5678901234567890 1234567890123456

LCDDC
HIGH
LOW

LCDRES
STEP UP

LCDSK
EDGE STRB
WIN START
WIN END

222222222222222 222222222222222 222222222233333 333333333333333
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 6666677777777778 88888888999999 999000000000111

9012345678901234 5678901234567890 1234567890123456 7890123456789012

LCDDC

HIGH

LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

5555555555555555 5555555555555555 5555555555555555 5555555555555555
11111122222222 23333333333344444 4444455555555556 666666666777777
3456789012345678 9012345678901234 5678901234567890 1234567890123456

LCDDC

HIGH

LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

5555555555555555 5555555666666666 6666666666666666 6666666666666666
777888888888999 9999999000000000 011111111122222 2222233333333334
7890123456789012 3456789012345678 9012345678901234 5678901234567890

LCDDC

HIGH

LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

66666666666666666666 66666666666666666666 66666666666666666666 66666666666666666666
444444444555555555 55566666666666666666 777777788888888888 89999999999999999999
1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC

HIGH

LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN ENDF.....

77777777777777777777 77777777777777777777 77777777777777777777 77777777777777777777
0000011111111112 2222222223333333 333444444444444555 555555566666666666
5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC

HIGH-----

LOW-----

LCDRES

STEP UP-----

LCDSK

EDGE STRB-----

WIN START-----

WIN END-----

<infoallend>

<infostart>

FAIL: Failed

<infoend>