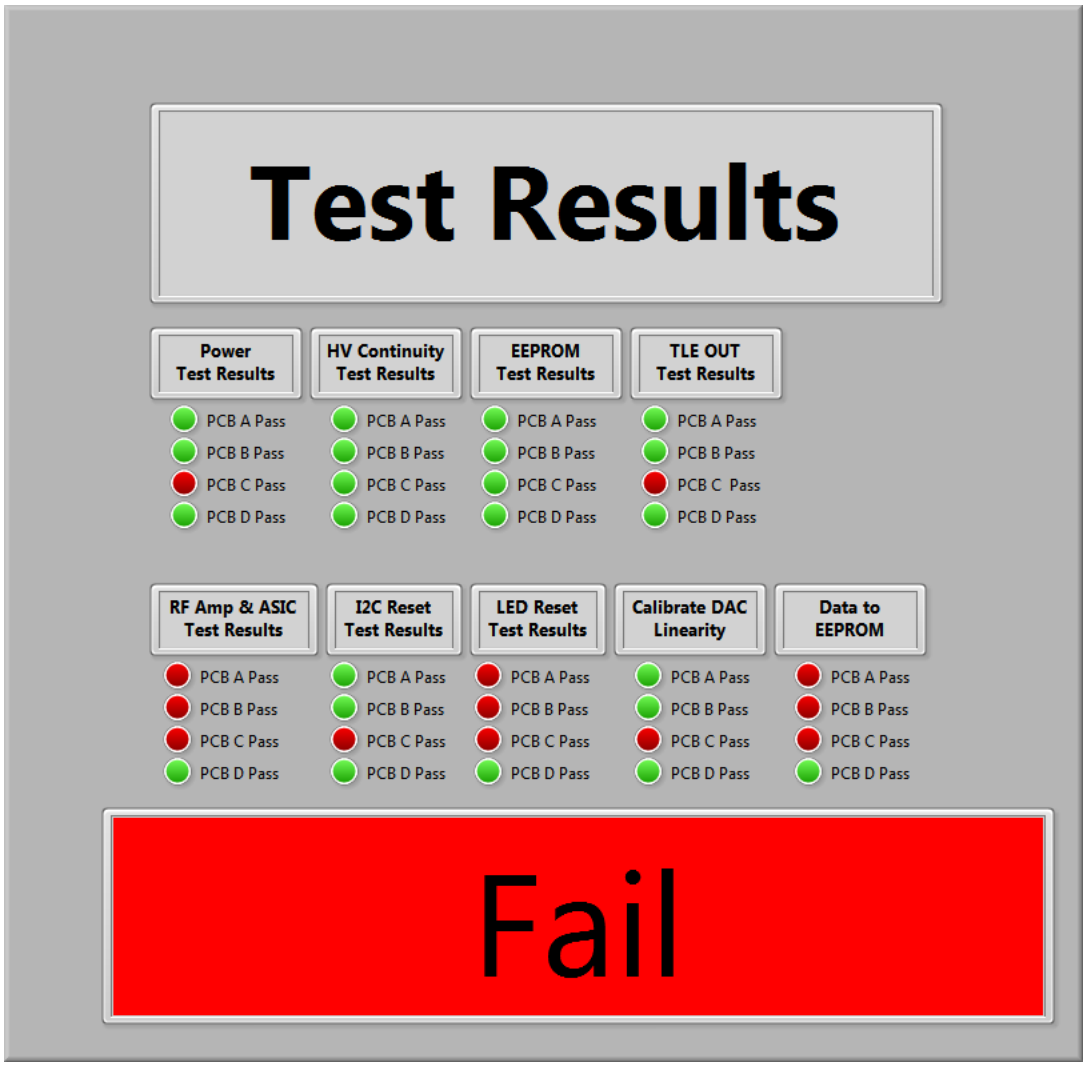

Vision Detector PCB Panel Assembly Functional Test
Test Date: 2025-07-21 09:12:04
Supplier: Jabil
Technician:
Customer: Siemens
Test Station: OSP_PCB_FT_01
Test Software Revision: 04
Test Parameters Match Initialization File: TRUE
Year of Manufacture: 2025
Siemens PCBA Part Number: 10752680
Siemens PCBA Revision: 05
Panel Serial Number: RBQ05W10020 - Fail
PCB D Serial Number: RBQ05W10020D - Pass
PCB C Serial Number: RBQ05W10020C - Fail
PCB B Serial Number: RBQ05W10020B - Fail
PCB A Serial Number: RBQ05W10020A - Fail

Test Description:
Test 1 - Voltage Detector On, Range (VDC)
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.125, IC2: 25.000; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 2 - Current Detector On, Range (A)
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.45
Test Upper Limit:
2.65
Test Measurement:
2.56
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.125, IC2: 25.000; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 3 - Voltage ASIC Registers Loaded, Range (VDC)
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00

Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.125, IC2: 25.000; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 4 - Current ASIC Registers Loaded, Range (A)
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.70
Test Upper Limit:
3.00
Test Measurement:
2.91
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.125, IC2: 25.000; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 5 - Voltage Detector On, Range (VDC)
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.062, IC2: 24.750; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 6 - Current Detector On, Range (A)
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.45
Test Upper Limit:
2.65
Test Measurement:
2.59
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.062, IC2: 24.750; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 7 - Voltage ASIC Registers Loaded, Range (VDC)
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
0.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.062, IC2: 24.750; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX
ASICs Load Failed

Test Description:
Test 8 - Current ASIC Registers Loaded, Range (A)
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:

2.70
Test Upper Limit:
3.00
Test Measurement:
0.01
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.062, IC2: 24.750; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX
ASICs Load Failed

Test Description:
Test 9 - Voltage Detector On, Range (VDC)
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.000, IC2: 24.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.437, IC2: 25.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 10 - Current Detector On, Range (A)
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.45
Test Upper Limit:
2.65
Test Measurement:
2.55
Units:
Amps
Starting Temperature (Max 50.00 C):

IC1: 25.000, IC2: 24.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.437, IC2: 25.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 11 - Voltage ASIC Registers Loaded, Range (VDC)
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.000, IC2: 24.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.437, IC2: 25.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 12 - Current ASIC Registers Loaded, Range (A)
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.70
Test Upper Limit:
3.00
Test Measurement:
2.90
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.000, IC2: 24.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.437, IC2: 25.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 13 - Voltage Detector On, Range (VDC)
PCB Serial Number:
RBQ05W10020A

Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.375, IC2: 25.062; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.812, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 14 - Current Detector On, Range (A)
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.45
Test Upper Limit:
2.65
Test Measurement:
2.54
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.375, IC2: 25.062; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.812, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 15 - Voltage ASIC Registers Loaded, Range (VDC)
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
4.90
Test Upper Limit:
5.10
Test Measurement:
5.00
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.375, IC2: 25.062; Temp OK - Pass

Ending Temperature (Max 50.00 C):
IC1: 25.812, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 16 - Current ASIC Registers Loaded, Range (A)
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.70
Test Upper Limit:
3.00
Test Measurement:
2.90
Units:
Amps
Starting Temperature (Max 50.00 C):
IC1: 25.375, IC2: 25.062; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 25.812, IC2: 25.375; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 17 - High Voltage Continuity Test
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low
High
Units:
N/A
Starting Temperature N/A
Ending Temperature N/A
Test Result:
Pass
Notes:
N/A

Test Description:
Test 18 - High Voltage Continuity Test
PCB Serial Number:
RBQ05W10020C

Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low
High
Units:
N/A
Starting Temperature N/A
Ending Temperature N/A
Test Result:
Pass
Notes:
N/A

Test Description:
Test 19 - High Voltage Continuity Test
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low
High
Units:
N/A
Starting Temperature N/A
Ending Temperature N/A
Test Result:
Pass
Notes:
N/A

Test Description:
Test 20 - High Voltage Continuity Test
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low
High
Units:

N/A
Starting Temperature N/A
Ending Temperature N/A
Test Result:
Pass
Notes:
N/A

Test Description:
Test 21 - EEPROM Test
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
N/A
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.375, IC2: 25.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.250; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 22 - EEPROM Test
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
N/A
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.500; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.062, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 23 - EEPROM Test

PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
N/A
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.187, IC2: 24.937; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 24 - EEPROM Test
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
N/A
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.750, IC2: 26.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 25 - TLE Out - IOUTA_Y_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000604
Units:
VDC

Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 26 - TLE Out - IOUTA_Y_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.704009
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 27 - TLE Out - IOUTA_Y_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 28 - TLE Out - IOUTA_Y_N On
PCB Serial Number:

RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.736549
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 29 - TLE Out - IOUTA_X_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 30 - TLE Out - IOUTA_X_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.700465
Units:
VDC
Starting Temperature (Max 50.00 C):

IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 31 - TLE Out - IOUTA_X_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 32 - TLE Out - IOUTA_X_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.737194
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 33 - TLE Out - IOUTA_E0_P Off
PCB Serial Number:
RBQ05W10020D

Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000041
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 34 - TLE Out - IOUTA_E0_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.713675
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 35 - TLE Out - IOUTA_E0_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000604
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass

Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 36 - TLE Out - IOUTA_E0_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.717219
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 37 - TLE Out - IOUTA_E1_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 38 - TLE Out - IOUTA_E1_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:

2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.713352
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 39 - TLE Out - IOUTA_E1_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 40 - TLE Out - IOUTA_E1_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.713352
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):

IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 41 - TLE Out - IOUTB_Y_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000363
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 42 - TLE Out - IOUTB_Y_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.712064
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 43 - TLE Out - IOUTB_Y_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000

Test Upper Limit:
0.100000
Test Measurement:
0.000604
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 44 - TLE Out - IOUTB_Y_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.722051
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 45 - TLE Out - IOUTB_X_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000926
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass

Test Result:
Pass

Test Description:
Test 46 - TLE Out - IOUTB_X_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.720440
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 47 - TLE Out - IOUTB_X_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 48 - TLE Out - IOUTB_X_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:

2.800000
Test Measurement:
2.741382
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 49 - TLE Out - IOUTB_E0_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 50 - TLE Out - IOUTB_E0_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.696921
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:

Pass

Test Description:
Test 51 - TLE Out - IOUTB_E0_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000604
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 52 - TLE Out - IOUTB_E0_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.726240
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 53 - TLE Out - IOUTB_E1_P Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000

Test Measurement:
0.000604
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 54 - TLE Out - IOUTB_E1_P On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.714319
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 55 - TLE Out - IOUTB_E1_N Off
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000281
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 56 - TLE Out - IOUTB_E1_N On
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.731072
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.062, IC2: 25.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 57 - TLE Out - IOUTA_Y_P Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 58 - TLE Out - IOUTA_Y_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:

2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 59 - TLE Out - IOUTA_Y_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 60 - TLE Out - IOUTA_Y_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):

IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 61 - TLE Out - IOUTA_X_P Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 62 - TLE Out - IOUTA_X_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 63 - TLE Out - IOUTA_X_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 64 - TLE Out - IOUTA_X_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 65 - TLE Out - IOUTA_E0_P Off
PCB Serial Number:
RBQ05W10020C

Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 66 - TLE Out - IOUTA_E0_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 67 - TLE Out - IOUTA_E0_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000

Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 68 - TLE Out - IOUTA_E0_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 69 - TLE Out - IOUTA_E1_P Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 70 - TLE Out - IOUTA_E1_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 71 - TLE Out - IOUTA_E1_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:

Test 72 - TLE Out - IOUTA_E1_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 73 - TLE Out - IOUTB_Y_P Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 74 - TLE Out - IOUTB_Y_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:

2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 75 - TLE Out - IOUTB_Y_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 76 - TLE Out - IOUTB_Y_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):

IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 77 - TLE Out - IOUTB_X_P Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 78 - TLE Out - IOUTB_X_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 79 - TLE Out - IOUTB_X_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 80 - TLE Out - IOUTB_X_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 81 - TLE Out - IOUTB_E0_P Off
PCB Serial Number:
RBQ05W10020C

Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 82 - TLE Out - IOUTB_E0_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 83 - TLE Out - IOUTB_E0_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000

Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 84 - TLE Out - IOUTB_E0_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 85 - TLE Out - IOUTB_E1_P Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 86 - TLE Out - IOUTB_E1_P On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 87 - TLE Out - IOUTB_E1_N Off
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:

Test 88 - TLE Out - IOUTB_E1_N On
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
0.000000
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 89 - TLE Out - IOUTA_Y_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000046
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 90 - TLE Out - IOUTA_Y_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:

2.684454
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 91 - TLE Out - IOUTA_Y_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000046
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 92 - TLE Out - IOUTA_Y_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.738587
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 93 - TLE Out - IOUTA_X_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000276
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 94 - TLE Out - IOUTA_X_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.686710
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 95 - TLE Out - IOUTA_X_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000368

Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 96 - TLE Out - IOUTA_X_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.736654
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 97 - TLE Out - IOUTA_E0_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000276
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:

Test 98 - TLE Out - IOUTA_E0_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.691221
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 99 - TLE Out - IOUTA_E0_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000276
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 100 - TLE Out - IOUTA_E0_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.732465
Units:

VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 101 - TLE Out - IOUTA_E1_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000368
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 102 - TLE Out - IOUTA_E1_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.699599
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 103 - TLE Out - IOUTA_E1_N Off

PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000368
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 104 - TLE Out - IOUTA_E1_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.736654
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 105 - TLE Out - IOUTB_Y_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000368
Units:
VDC

Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 106 - TLE Out - IOUTB_Y_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.710876
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 107 - TLE Out - IOUTB_Y_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000368
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 108 - TLE Out - IOUTB_Y_N On
PCB Serial Number:

RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.744065
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 109 - TLE Out - IOUTB_X_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000690
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 110 - TLE Out - IOUTB_X_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.728276
Units:
VDC
Starting Temperature (Max 50.00 C):

IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 111 - TLE Out - IOUTB_X_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000046
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 112 - TLE Out - IOUTB_X_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.752120
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 113 - TLE Out - IOUTB_E0_P Off
PCB Serial Number:
RBQ05W10020B

Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000046
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 114 - TLE Out - IOUTB_E0_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.695732
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 115 - TLE Out - IOUTB_E0_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000368
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass

Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 116 - TLE Out - IOUTB_E0_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.727954
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 117 - TLE Out - IOUTB_E1_P Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000046
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 118 - TLE Out - IOUTB_E1_P On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:

2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.731821
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 119 - TLE Out - IOUTB_E1_N Off
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
0.000046
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 120 - TLE Out - IOUTB_E1_N On
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.735687
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.562, IC2: 25.312; Temp OK - Pass
Ending Temperature (Max 50.00 C):

IC1: 26.000, IC2: 25.625; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 121 - TLE Out - IOUTA_Y_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 122 - TLE Out - IOUTA_Y_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.693032
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 123 - TLE Out - IOUTA_Y_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000

Test Upper Limit:
0.100000
Test Measurement:
-0.000566
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 124 - TLE Out - IOUTA_Y_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.747207
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 125 - TLE Out - IOUTA_X_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.001534
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass

Test Result:
Pass

Test Description:
Test 126 - TLE Out - IOUTA_X_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.670781
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 127 - TLE Out - IOUTA_X_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.001534
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 128 - TLE Out - IOUTA_X_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:

2.800000
Test Measurement:
2.719797
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 129 - TLE Out - IOUTA_E0_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 130 - TLE Out - IOUTA_E0_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.700771
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:

Pass

Test Description:
Test 131 - TLE Out - IOUTA_E0_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 132 - TLE Out - IOUTA_E0_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.740758
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 133 - TLE Out - IOUTA_E1_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000

Test Measurement:
-0.000566
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 134 - TLE Out - IOUTA_E1_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.719797
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 135 - TLE Out - IOUTA_E1_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 136 - TLE Out - IOUTA_E1_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.737211
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 137 - TLE Out - IOUTB_Y_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 138 - TLE Out - IOUTB_Y_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:

2.693677
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 139 - TLE Out - IOUTB_Y_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 140 - TLE Out - IOUTB_Y_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.690130
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 141 - TLE Out - IOUTB_X_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.001534
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 142 - TLE Out - IOUTB_X_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.714315
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 143 - TLE Out - IOUTB_X_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.001534

Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 144 - TLE Out - IOUTB_X_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.730761
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 145 - TLE Out - IOUTB_E0_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.001211
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:

Test 146 - TLE Out - IOUTB_E0_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.687228
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 147 - TLE Out - IOUTB_E0_N Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000566
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 148 - TLE Out - IOUTB_E0_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.730761
Units:

VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 149 - TLE Out - IOUTB_E1_P Off
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.000889
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 150 - TLE Out - IOUTB_E1_P On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.733019
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 151 - TLE Out - IOUTB_E1_N Off

PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
-0.100000
Test Upper Limit:
0.100000
Test Measurement:
-0.001534
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 152 - TLE Out - IOUTB_E1_N On
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
2.500000
Test Upper Limit:
2.800000
Test Measurement:
2.744950
Units:
VDC
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.375, IC2: 25.937; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 153 - RF Amp & ASIC Trigger Test, ASIC 0
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC

Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 154 - RF Amp & ASIC Trigger Test, ASIC 1
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 155 - RF Amp & ASIC Trigger Test, ASIC 2
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 156 - RF Amp & ASIC Trigger Test, ASIC 3
PCB Serial Number:

RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 157 - RF Amp & ASIC Trigger Test, ASIC 4
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 158 - RF Amp & ASIC Trigger Test, ASIC 5
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):

IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 159 - RF Amp & ASIC Trigger Test, ASIC 6
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 160 - RF Amp & ASIC Trigger Test, ASIC 7
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.687, IC2: 25.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.750, IC2: 27.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 161 - RF Amp & ASIC Trigger Test, ASIC 0
PCB Serial Number:
RBQ05W10020C

Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 162 - RF Amp & ASIC Trigger Test, ASIC 1
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 163 - RF Amp & ASIC Trigger Test, ASIC 2
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)

Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 164 - RF Amp & ASIC Trigger Test, ASIC 3
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 165 - RF Amp & ASIC Trigger Test, ASIC 4
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC

Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 166 - RF Amp & ASIC Trigger Test, ASIC 5
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 167 - RF Amp & ASIC Trigger Test, ASIC 6
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
0 Pulse(s), Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 168 - RF Amp & ASIC Trigger Test, ASIC 7
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.312; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
0 Pulse(s), Pulse Width (ns): 0
I2C Communication Error: PCB2 MUX

Test Description:
Test 169 - RF Amp & ASIC Trigger Test, ASIC 0
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:

Test 170 - RF Amp & ASIC Trigger Test, ASIC 1
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 171 - RF Amp & ASIC Trigger Test, ASIC 2
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 172 - RF Amp & ASIC Trigger Test, ASIC 3
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Fail
Units:

mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Fail
Notes:
0 Pulse(s), Pulse Width (ns): 0

Test Description:
Test 173 - RF Amp & ASIC Trigger Test, ASIC 4
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 174 - RF Amp & ASIC Trigger Test, ASIC 5
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 175 - RF Amp & ASIC Trigger Test, ASIC 6
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 176 - RF Amp & ASIC Trigger Test, ASIC 7
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.625, IC2: 25.375; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.687; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 177 - RF Amp & ASIC Trigger Test, ASIC 0
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:

Fail
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:
Fail
Notes:
0 Pulse(s),   Pulse Width (ns): 0

Test Description:
Test 178 - RF Amp & ASIC Trigger Test, ASIC 1
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 179 - RF Amp & ASIC Trigger Test, ASIC 2
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass

Test Result:
Pass

Test Description:
Test 180 - RF Amp & ASIC Trigger Test, ASIC 3
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 181 - RF Amp & ASIC Trigger Test, ASIC 4
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 10.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 182 - RF Amp & ASIC Trigger Test, ASIC 5
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:

100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 183 - RF Amp & ASIC Trigger Test, ASIC 6
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 184 - RF Amp & ASIC Trigger Test, ASIC 7
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
100.000000 (mV)
Test Measurement:
Pass - Successfully triggered from 100.000000 to 0.000000 (mV) in 10.000000 (mV) Increments
Units:
mVDC
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.562; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.312, IC2: 26.812; Temp OK - Pass
Test Result:

Pass

Test Description:
Test 185 - I2C Reset Test
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
I2C Reset Successful
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.812; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.562, IC2: 26.125; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 186 - I2C Reset Test
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
I2C Reset failed on ASIC0 ASIC1 ASIC2 ASIC3 ASIC4 ASIC5 ASIC6 ASIC7
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.750, IC2: 26.562; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
I2C Communication Error: PCB2 MUX

Test Description:
Test 187 - I2C Reset Test
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A

Test Upper Limit:
N/A
Test Measurement:
I2C Reset Successful
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 188 - I2C Reset Test
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
I2C Reset Successful
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.125, IC2: 25.812; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.687, IC2: 26.187; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 189 - External LED Reset Test, ASIC 0
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 190 - External LED Reset Test, ASIC 1
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 191 - External LED Reset Test, ASIC 2
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 192 - External LED Reset Test, ASIC 3
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 193 - External LED Reset Test, ASIC 4
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 194 - External LED Reset Test, ASIC 5
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 195 - External LED Reset Test, ASIC 6
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 196 - External LED Reset Test, ASIC 7
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.937, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.625, IC2: 27.062; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 197 - External LED Reset Test, ASIC 0
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 198 - External LED Reset Test, ASIC 1
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 199 - External LED Reset Test, ASIC 2
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 200 - External LED Reset Test, ASIC 3
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 201 - External LED Reset Test, ASIC 4
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 202 - External LED Reset Test, ASIC 5
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 203 - External LED Reset Test, ASIC 6
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:

Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 204 - External LED Reset Test, ASIC 7
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.000, IC2: 26.812; Temp OK - Pass
Ending Temperature
Test Result:
Fail
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered
I2C Communication Error: PCB2 MUX

Test Description:
Test 205 - External LED Reset Test, ASIC 0
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 206 - External LED Reset Test, ASIC 1
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 207 - External LED Reset Test, ASIC 2
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 208 - External LED Reset Test, ASIC 3
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass
Test Result:
Fail
Notes:
Initial Trigger: 0 Pulse(s), Pulse Width (ns): 0
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): 0 Pulse(s), Pulse Width (ns): 0

Test Description:
Test 209 - External LED Reset Test, ASIC 4
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 210 - External LED Reset Test, ASIC 5
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 211 - External LED Reset Test, ASIC 6
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 212 - External LED Reset Test, ASIC 7
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 25.875, IC2: 25.625; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.312, IC2: 27.812; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 213 - External LED Reset Test, ASIC 0
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Fail
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass

Test Result:
Fail
Notes:
Initial Trigger: 0 Pulse(s), Pulse Width (ns): 0
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): 0 Pulse(s), Pulse Width (ns): 0

Test Description:
Test 214 - External LED Reset Test, ASIC 1
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 215 - External LED Reset Test, ASIC 2
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 216 - External LED Reset Test, ASIC 3
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 217 - External LED Reset Test, ASIC 4
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 218 - External LED Reset Test, ASIC 5
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 219 - External LED Reset Test, ASIC 6
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass

Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 220 - External LED Reset Test, ASIC 7
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Pass
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.000, IC2: 25.687; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 28.187, IC2: 27.750; Temp OK - Pass
Test Result:
Pass
Notes:
Initial Trigger: ASIC Successfully Triggered
Second Trigger (Not Reset): 0 Pulse(s), Pulse Width (ns): 0
Third Trigger (Reset): ASIC Successfully Triggered

Test Description:
Test 221 - ASIC 0 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x44, Mid 0x98, High 0xCE
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass

Test Result:
Pass

Test Description:
Test 222 - ASIC 1 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x45, Mid 0x9B, High 0xD1
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 223 - ASIC 2 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x41, Mid 0x91, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 224 - ASIC 3 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:

N/A
Test Measurement:
Low 0x41, Mid 0x90, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 225 - ASIC 4 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x39, Mid 0x8F, High 0xC6
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 226 - ASIC 5 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x43, Mid 0x94, High 0xC8
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:

Pass

Test Description:
Test 227 - ASIC 6 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x42, Mid 0x93, High 0xC6
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 228 - ASIC 7 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x43, Mid 0x94, High 0xC8
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.187; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.437; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 229 - ASIC 0 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A

Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 230 - ASIC 1 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 231 - ASIC 2 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A

Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 232 - ASIC 3 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 233 - ASIC 4 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A

Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 234 - ASIC 5 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 235 - ASIC 6 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A

Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 236 - ASIC 7 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 26.500, IC2: 26.125; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 26.875, IC2: 26.375; Temp OK - Pass
Test Result:
Fail
Notes:
Failed Calibration at Low Setting
Failed Calibration at Mid Setting
Failed Calibration at High Setting

Test Description:
Test 237 - ASIC 0 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A

Test Measurement:
Low 0x41, Mid 0x92, High 0xC6
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 238 - ASIC 1 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x43, Mid 0x94, High 0xC8
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 239 - ASIC 2 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x40, Mid 0x8F, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 240 - ASIC 3 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x41, Mid 0x91, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 241 - ASIC 4 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x42, Mid 0x92, High 0xC5
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 242 - ASIC 5 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:

Low 0x43, Mid 0x95, High 0xCA
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 243 - ASIC 6 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x42, Mid 0x93, High 0xC6
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 244 - ASIC 7 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x42, Mid 0x93, High 0xC7
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 27.187, IC2: 26.875; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 27.500, IC2: 27.062; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 245 - ASIC 0 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x42, Mid 0x92, High 0xC5
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 246 - ASIC 1 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x42, Mid 0x94, High 0xC8
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 247 - ASIC 2 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x45, Mid 0x9A, High 0xD1

Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 248 - ASIC 3 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x45, Mid 0x9B, High 0xD1
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 249 - ASIC 4 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x43, Mid 0x95, High 0xC9
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:

Test 250 - ASIC 5 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x43, Mid 0x94, High 0xC9
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 251 - ASIC 6 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x41, Mid 0x90, High 0xC3
Units:
N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 252 - ASIC 7 Calibrate Register Values at 1.0VDC, 2.0VDC, 2.6VDC
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Low 0x43, Mid 0x96, High 0xCA
Units:

N/A
Starting Temperature (Max 50.00 C):
IC1: 29.312, IC2: 29.437; Temp OK - Pass
Ending Temperature (Max 50.00 C):
IC1: 29.375, IC2: 29.312; Temp OK - Pass
Test Result:
Pass

Test Description:
Test 253 - Write Data to EEPROM
PCB Serial Number:
RBQ05W10020D
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Data Write to EEPROM Successful
Units:
N/A
Starting Temperature : N/A
Ending Temperature : N/A
Test Result:
Pass

Test Description:
Test 254 - Write Data to EEPROM
PCB Serial Number:
RBQ05W10020C
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Data Write to EEPROM Failed
Units:
N/A
Starting Temperature : N/A
Ending Temperature : N/A
Test Result:
Fail

Test Description:
Test 255 - Write Data to EEPROM
PCB Serial Number:
RBQ05W10020B
Test Lower Limit:
N/A

Test Upper Limit:
N/A
Test Measurement:
Data Write to EEPROM Failed
Units:
N/A
Starting Temperature : N/A
Ending Temperature : N/A
Test Result:
Fail

Test Description:
Test 256 - Write Data to EEPROM
PCB Serial Number:
RBQ05W10020A
Test Lower Limit:
N/A
Test Upper Limit:
N/A
Test Measurement:
Data Write to EEPROM Failed
Units:
N/A
Starting Temperature : N/A
Ending Temperature : N/A
Test Result:
Fail

Test Parameters:
Test Station="OSP_PCB_FT_01"

[PCB Current]
Set DC Voltage (V)="5.000"
Set DC Current Limit (A)="4.000"
Upper Voltage Limit="5.100"
Lower Voltage Limit="4.900"
Power Off Upper Current Limit="2.300"
Power Off Lower Current Limit="2.100"
Power On Upper Current Limit="2.650"
Power On Lower Current Limit="2.450"
ASIC Loaded Upper Current Limit="3.000"
ASIC Loaded Lower Current Limit="2.700"

[DAC Calibration]
DAC Calibration Tolerance="0.015"
Low Voltage Value="1.000"
Mid Voltage Value="2.000"
High Voltage Value="2.600"

Overtemp Threshold="50.000"

Detector Power On Delay="0.100"

[TLE In/Out]
ASIC Off High Limit="0.100"
ASIC Off Low Limit="-0.100"
ASIC On High Limit="0.700"
ASIC On Low Limit="0.480"
ASIC Bias High Limit="2.800"
ASIC Bias Low Limit="2.500"

[RF Amp & ASIC Test & LED Reset]
Starting Pulse Amplitude (mV)="100.000"
Decreasing Trigger Delta (mV)="10.000"
Pulse Width (ns)="10.000"
Trigger Width Lower Limit (ns)="40.000"
Trigger Width Upper Limit (ns)="60.000"
Number of Acceptable Pulses="1.000"

[File Locations]
Test Report Folder Location="C:\Test Reports"
.tar File Folder Location="C:\Tars"

[Tests to Perform]
PCB Current Test="TRUE"
EEPROM Test="TRUE"

TLE In Test="FALSE"
TLE Out Test="TRUE"
RF Amps & ASICs Test="TRUE"
Reset Test="TRUE"
Calibrate DACs Test="TRUE"

[PCBs to Test]
Test PCB1="TRUE"
Test PCB2="TRUE"
Test PCB3="TRUE"
Test PCB4="TRUE"

[Part Number]
O="10748016"
R="10752680"

[Manufacturer]
A="IES"
B="Jabil"
C="Epic"
D="CV"
Z="Prototype"

[Year]
A="2009"
B="2010"
C="2011"
D="2012"
E="2013"
F="2014"
G="2015"
H="2016"
I="2017"
J="2018"
K="2019"
L="2020"
M="2021"
N="2022"
O="2023"
P="2024"
Q="2025"

[Dogbone]
10748016="standard"
10752680="dogbone"