

MST-0418

MWA 540 ATIM transition PCB

Test: Continuity and short test

Serial number: 002

Tester: C.D.

Date: 10/12/2010

Jig details

Detailed wiring diagrams and jig layout can be found in the following document:

- MWA JIG-008 - MWA Continuity and Short Test Jig

Test procedure

1. Connect JIG to P1, J1, J2, J3, J4
2. Turn 4 DIP switches to OFF
 - Verify continuity between TP1-TP2, TP3-TP4, TP5-TP6, TP7-TP8
 - Verify >1MΩ between TP1-TP3, TP1-TP5, TP1-TP7, TP3-TP5, TP3-TP7, TP5-TP7
 - Verify >1MΩ between TP9 and all of TP1, TP3, TP5, TP7, TP1
 - Verify >1MΩ between TP10-TP11
3. Unplug J1, J2, J3 & J4 from jig but leave P1
4. Connect P2 to completed PSU
5. Turn DIP switches on
 - Verify LEDs light one at a time
 - Verify 3.3V at TP13
6. Connect I2C jig to P1 via jig. Leave DIP switches closed
7. Interrogate LTC4151s and confirm they return correct value on their "Vin" pins

Comments	LED ON	LED OFF
U6	DQ	007 077F 03 B1
U7	DA	006 077 F 03 B3
U8	D4	006 077 03 AF
U9	D6	007 076 03 B2