

## MST-0418

MWA 540 ATIM transition PCB

### Test: Continuity and short test

Serial number: 001

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
U9	<u>DB</u>	007077C03B00	001077D00000
U7	<u>DA</u>	007077C03AE0	00Z077C00000
U6	<u>DO</u>	006077F03AC0	001077F00000
U8	<u>D4</u>	006077C03B30	001077C00000