

E4418A-09

Information Only Service Note

Supersedes:
NONE

E4418A EPM Series Power Meter

Serial Numbers: ALL

New Replacement for Power Supply

Parts Required:

P/N	Description	Qty.
5185-3658	GTLS for POWER SUPPLY SWITCHING 40-WATT 3-OUTPUT	1
8150-0452	Wire 24AWG G 300V PVC 7X32 80C Wire-Electrical Color: Green	1

ADMINISTRATIVE INFORMATION

Calibration Required
 Calibration NOT Required

PRODUCT LINE: GM
AUTHOR: AT

ADDITIONAL INFORMATION:

Situation:

The E4418A power meter is under Extended Service Period program. The power supply for this model is constraint item as is Life Time Buy (LTB) part. New power supply part is available but some rework is needed. Due to when using the new power supply the power switch standby LED will keep on blinking.

Solution/Action:

- 1) Check the power meter are using E4418-60001 Processor Assembly
- 2) No circuit trace between main +12V PSU to Fan, refer figure 1

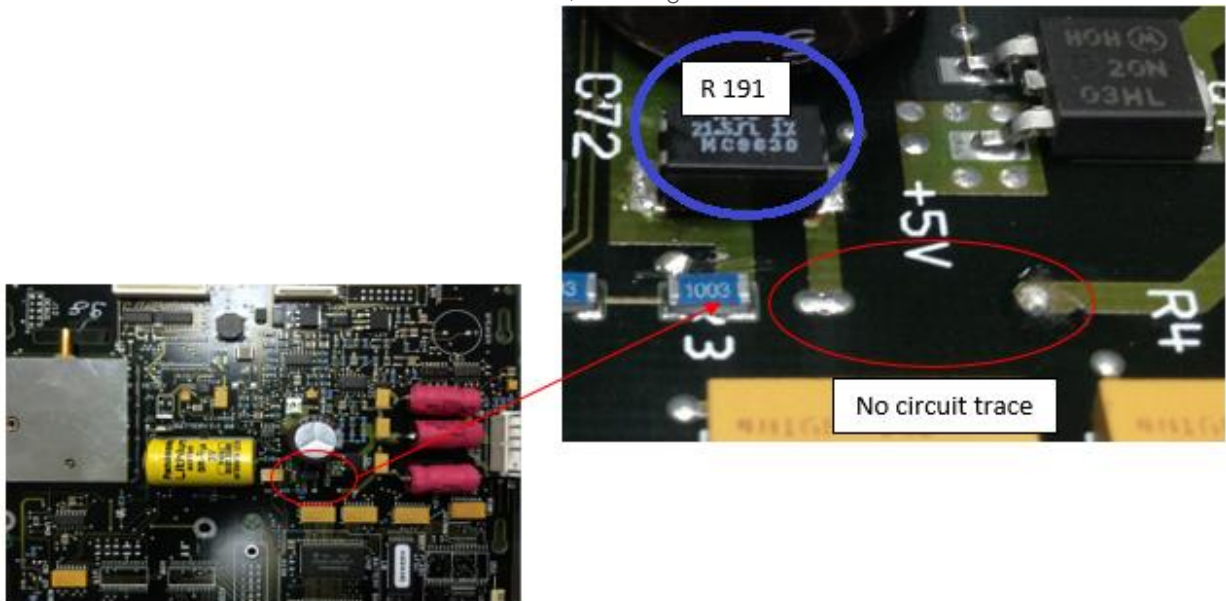


Figure 1

- 3) Remove resistor R191 from the circuit board, refer above figure 1
- 4) Mount the resistor perpendicular to the board, and solder the resistor pin lead to the solder pad.
- 5) Using 8150-0452 wire trim the insulator for both end. Solder one end to the resistor pin lead and the other end of wire to circuit trace, refer below figure 2

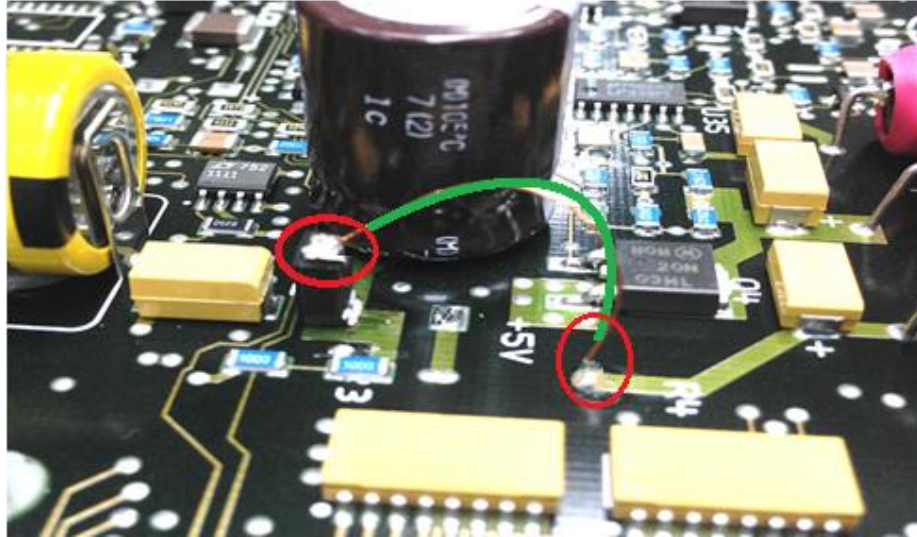


Figure 2

Revision History:

Date	Service Note Revision	Author	Reason for Change
19 May 2016	01	Alvin Tan	As Published