PCN: V14-018-E47540-MA

Product Change Notice

Issue Date: 22 July 2014

Change Type:
Major

Parts Affected:
See appendix

Description and Extent of Change:
Qualify alternate source for FP laser.

Reasons for Change:
Due to recent shortage of device shortage, Avago Technologies has decided to qualify an alternate source for assurance of supply.

Effect of Change on Fit, Form, Function, Quality, or Reliability:
There will be no change to the form, fit, function, quality and reliability of the devices. Product specification and the functionality of the products remain unchanged.

Effective Date of Change:
Effective date of this change will be September 1, 2014 (WW36) or later. Timing of shipment will vary by part number depending on inventory on-hand and customer demand.

Recommended Action to be Taken by Customer:
1. Qualification samples are available upon request.
2. Sample requests must specify the PCN# and must be placed within 15 days of the receipt of this PCN. Samples can be requested by contacting local sales representative.
3. If there is no response within 15 days from the receipt of the PCN, Avago will proceed to implement the PCN per effective date.

Qualification Data:

Table 1: Qualification Test Summary

Leg	Test	Reference	Condition	Sample Size	Result (Fail/Pass)
1	High Temperature Operating Life(HTOL)	GR-468-CORE Section 5.18	Ta = 85°C, rated power (Biased to 50mA) Release Point: 10000hrs	11	0/11
2a	Mechanical Shock (MS)	MIL-STD-883 Method 2002B	1500g, 0.5ms, 5shock/axis	11	0/11
2b	Mechanical Vibration (MV)	MIL-STD-883 Method 2007A	20g, 20 to 2000Hz, 4min/cycle, 4cycle/axis		0/11
3	Temperature Cycling (TMCL)	GR-468-CORE MIL-STD-883 Method 1010	Ta = -40°C to 85°C, Release Point: 1000 cyc	11	0/11
4	Un-biased Damp Heat	MIL-STD-202 Method 103	Ta = 85°C, RH = 85%, Release Point: 1000hrs	11	0/11
5	Low Temp Storage	NA	Min storage Temp, Ta = -40°C. Unbiased test. Release Point: 2000hrs	11	0/11
6	High Temp Storage	NA	Max storage Temp, Ta = 85°C. Unbiased test. Release Point: 2000hrs	11	0/11
7	ESD Threshold	MIL-STD-883	(Human Body Model) Apply 5 pos / 5 neg pulses to each pin and ground at each voltage level up to +1000 volts and -500volts	6	0/6

These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification, A-5962-6052-80.

Please contact your Avago Technologies field sales engineer or Contact Center (http://www.avagotech.com/contact/) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.

Appendix

Part Number	
AFCT-5701APZ	AFCT-5179BZ
AFCT-5705ALZ	AFCT-5971ALZ
AFCT-5705APZ	AFCT-5971LZ
AFCT-5705PZ	AFCT-5760ATPZ
AFCT-5710PZ	AFCT-5765ATPZ
AFCT-5710APZ	AFCT-5760ANLZ
AFCT-5715PZ	AFCT-5760ANPZ
AFCT-5715ALZ	AFCT-5765ANPZ
AFCT-5715APZ	AFCT-5750LZ
AFCT-5805AZ	AFCT-5760ATPZ
AFCT-5805BZ	AFCT-5760TPZ
AFCT-5179AZ	AFCT-5765TPZ
AFCT-5750ATPZ	AFCT-5961TLZ
AFCT-5755ALZ	AFCT-5964ATGZ
AFCT-5760NPZ	AFCT-5964TLZ
AFCT-5765PZ	AFCT-5961NLZ
AFCT-5963ATLZ	AFCT-5964NLZ