

Product Change Notice

Issue Date: 26th November 2012

Change Type:

Please be informed that Avago Technologies is making the following changes on PLCC LEDs listed below:

Introduction of a new production site for PLCC LEDs.

Parts Affected:

ASMT-QTB2-0A002	ASMT-QTB4-0AA02	ASMT-YTB4-0AA02	QSMT-YTB2-0AA1Z	QSMT-YTC3-0BB02
ASMT-YTB2-0BB02	ASMT-QTC4-0EA02	ASMT-YTC3-0AA02	QSMT-YTB2-0BA0Z	QSMT-YTC3-0BB2Z
ASMT-YTC2-0AA02	ASMT-YTB1-0AA12	ASMT-YTD3-0AA03	QSMT-YTB2-0CC02	
ASMT-YTD2-0BB02	ASMT-YTB3-0AA03	ASMT-YTDW-0X304	QSMT-YTC2-0AA22	

Description and Extent of Change:

The selected production site had undergone and passed Avago Technologies's qualification process.

Reasons for Change:

To ensure continuity of supply for products.

Effect of Change on Fit, Form and Function

There is no effect on fit, form and function of product as per datasheet. Qualification and characterization have been conducted to ensure both current and new site are comparable.

Effective Date of Change:

20st Feb 2013.

**Qualification Data:**

Test Name	Reference	Test Conditions	Units Tested	Units Failed
Temperature Cycle	JEITA ED-4701 100 105	-40/120°C 30 min dwell, 5 min transfer, 100 cycles	3900	0
Solderability	JESD 22-B102	8hrs Steam Aging 245°C for 5 seconds	56	0
Temperature Humidity Operating Life	JESD22-A101	T _A = 85°C, 85%RH(3 Chip On) AllInGaP: I _F = 30 mA for 500 hours InGaN: I _F = 19 mA for 500 hours	112	0
Temperature Humidity Storage Life	Avago Requirement	T _a = 85°C, 85%RH, for 500 hours	700	0
Low Temperature Storage	JESD22-A119	T _a = -40°C for 1000 hours	112	0
High Temperature Storage	JESD 22-103	T _a =120°C for 1000 hours	112	0
Low Temperature Operating Life	JESD22-A108	T _A = -40°C(3 Chip On) AllInGaP: I _F = 50 mA for 1000 hours InGaN: I _F = 30 mA for 1000 hours	112	0

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.