



**PCN: V12-004-SD475420-0A**

## Product Change Notice

Issue Date: 26<sup>th</sup> 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:**

20<sup>st</sup> 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 <sub>A</sub> = 85°C, 85%RH( 3 Chip On) AllInGaP: I <sub>F</sub> = 30 mA for 500 hours InGaN: I <sub>F</sub> = 19 mA for 500 hours	112	0
Temperature Humidity Storage Life	Avago Requirement	T <sub>a</sub> = 85°C, 85%RH, for 500 hours	700	0
Low Temperature Storage	JESD22-A119	T <sub>a</sub> = -40°C for 1000 hours	112	0
High Temperature Storage	JESD 22-103	T <sub>a</sub> =120°C for 1000 hours	112	0
Low Temperature Operating Life	JESD22-A108	T <sub>A</sub> = -40°C( 3 Chip On) AllInGaP: I <sub>F</sub> = 50 mA for 1000 hours InGaN: I <sub>F</sub> = 30 mA for 1000 hours	112	0

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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.