

Product Change Notice

Issue Date: 6th Mar 2014

Type of Changes:

Avago Technologies has modified the existing PCB layout to improve product robustness for Single Digit PCB Based Seven Segment Display part numbers listed below:

Parts Affected:

HDSP-301A	HDSP-303A	HDSP-313A
HDSP-301E	HDSP-303E	HDSP-313E
HDSP-301G	HDSP-303G	HDSP-313G
HDSP-301Y	HDSP-303Y	HDSP-313Y

Description and Extent of Changes:

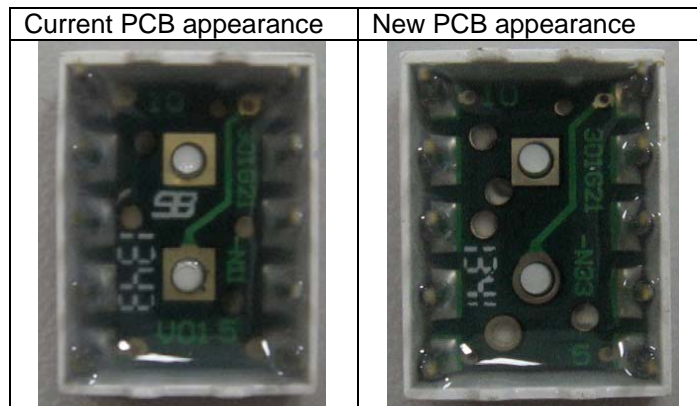
The PCB with new layout for segment B,E &DP has undergone Avago's qualification process.

Reasons for Change:

To improve product robustness in terms of solder heat resistance.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no change in fit and function of the product as per datasheet. However, there is a minor PCB appearance change as illustrated below.





Effective Date of Change:

Avago Technologies will begin to ship the part numbers with new PCB layout from 7th Jun 2014 onwards. There will be a mix of products with new PCB and old PCB within a shipment until the old PCB inventory is fully depleted.

Qualification Data:

Qualification Vehicle: HDSP-301E

Reliability Test	Stress Condition	Result
TMCL	-40/80°C 15min 5min 15min	100x (PASSED)
WHTOL	85°C/85%RH Driving Current =10mA	500hrs (PASSED)
HTOL	Temperature =85°C Driving current = 15mA	500hrs (PASSED)
WHTSL	Temperature = 85°C /85%RH	500hrs (PASSED)

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 90 days.