

Product Change Notice

Issue Date: 30th November 2007

Change Type:

Avago Technologies has qualified an alternate LED dice source for AlGaAs Smart Display devices.

Parts Affected:

HCMS-2905	HCMS-2975	HDSP-2107	HDLS-1414
HCMS-2915	HCMS-2975-HI000	HDSP-2504	HDLS-2416
HCMS-2925	QCMS-2929	HDSP-2534	HDLU-1414
HCMS-2965			HDLU-2416

Description and Extent of Change:

The selected die shall be the alternate choice for AlGaAs Smart Display devices which serve the same functionality as the existing die.

Reasons for Change:

This is to ensure continuous supply of the AlGaAs Smart Display devices.

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

There will be no change on fit, function, quality and reliability on the products except the size of the LED, as illustrated below.

Existing AlGaAs LED: 11mils

Alternate AlGaAs LED: 10 mils

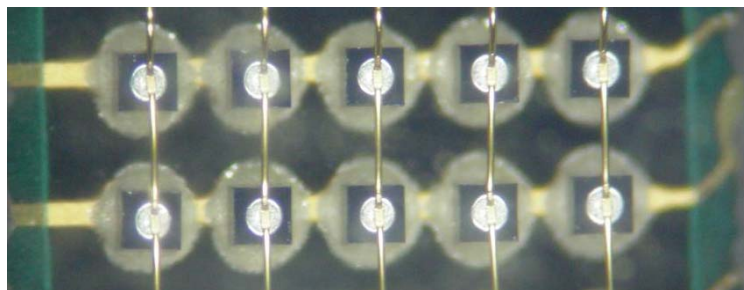


Figure 1: 11 mils LED (existing)

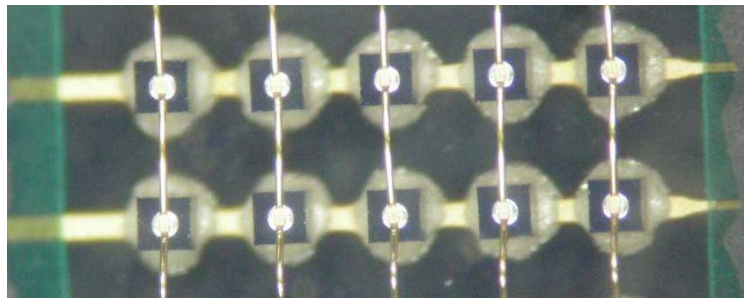


Figure 2: 10 mils LED (alternate)

Effective Date of Change:

Shipment of alternate dice source will begin from 28th Feb 2008 (WW9'08). From this date onwards, shipment may contain either existing or new LED.

Qualification Data:

Summary of qualification data is stated as below. New sample is also available upon request.

	Test	Stress Condition	S/size	Result
1.	Temperature cycle	-55/100°C, 15 min dwell, 5 min transfer	76	Passed 1000x
2.	Wet high temperature operating life test	85°C/85%RH, V _{cc} =5.5V	22	Passed 1000hrs
3.	High temperature operating life test	85°C, V _{cc} =5.5V	22	Passed 1000hrs

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.