



PCN: V10-002-SD495102-0A

Product Change Notice

Issue Date: 10th February 2010

Change Type:

MAJOR CHANGE:

Fabrication related change: Brightness improvement of introduction of alternate LED die.

Parts Affected:

ASMT-MB00-NDF00
ASMT-MW00-NKK00
QSMT-MW11-NKK01
ASMT-MW00-NKKZ0
ASMT-MW00-NKKS0
ASMT-MWB1-NKKS0
QSMT-MWB6-NKKJ1
QSMT-MWB3-NKKJ0
ASMT-MWA0-NKKZ0
ASMT-MWA0-NKK00
ASMT-MWK0-NKK00
ASMT-MBK0-NDF00
ASMT-MYK0-NKK00
ADJD-WM00-NKKZ0
ADJD-WM01-NKKZ0
ADJD-WM10-NKKZ0
ADJD-WM21-NKKZ0
ADJD-WM30-NKKZ0
ADJD-WM40-NKKZ0
ADJD-WMR0-NKKZ0
ADJD-WMR3-NKKZ0
ASMT-MT00-00001
QSMT-MT0A-0BBBZ
QSMT-MT0B-0CCJ1

Description and Extent of Change:

Alternate LED die from the same supplier will be introduced for part numbers listed above.

Reasons for Change:

This proposed change is to ensure the continuous supply of parts.

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

There is no change in the fit and form of these devices.

Appropriate electrical characterization and reliability qualification have been performed on representative product. The data can be made available upon request.

The product will have similar electrical functionality as the existing products except the optical functionality. The new part will have higher typical flux performance while the flux range remains the same.

Effective Date of Change:

Shipment after 10th March 2010 may be from either dice source. Product with different dice will not be mixed in the same reel.

Qualification Data:

Qualification data has been generated and approved. Summary of qualification data is shown as below. New samples are also available upon request.

Environmental Test	Stress Profile	Unit Tested	Units Failed
High Temperature Operating Life (HTOL)	$T_J = 125^{\circ}\text{C}$, $I_F = 350\text{ mA}$, 1000 hrs	20	0
Wet High Temperature Operating Life (WHTOL)	$I_F = 350\text{ mA}$, 1000 hrs	20	0
Temperature Cycling (TMCL)	60°C , 60% RH, $I_F = 350\text{ mA}$, 1000 hrs	80	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, 5957-0258-80 and 971-5507-82.

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.