



PCN: V10-004-SD495102-0A

Product Change Notice

Issue Date: 17th May 2010

Change Type:

MAJOR CHANGE:

Introduction of an improved version LED die.

Parts Affected:

ASMT-JB31-NMP01
ASMT-JL31-NPQ01
ASMT-JN31-NTV01
ASMT-JN31-NTVH1
ASMT-JN31-NUV01
ASMT-JN31-NUVH1
ASMT-JW31-NTV01
ASMT-JW31-NUV01
ASMT-JW31-NUVH1
ASMT-JW31-NUVJ1
ASMT-JW31-NUVK1
ASMT-JW31-NUVM1
ASMT-JY31-NSU01
ASMT-JY31-NTU01
ASMT-JY31-NTUJ1
ASMT-JY31-NTUN1

Description and Extent of Change:

An improved version of LED die from the same supplier will be used for the part numbers listed above.

Reasons for Change:

Ensure continuous supply of parts and to improve brightness.

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 has a higher typical flux performance.

Effective Date of Change:

Shipment after 17th June 2010 may be from either dice version. Product with different dice will not be mixed in the same reel. Avago will continue to ship the current parts until the inventory is depleted.

Qualification Data:

Qualification data has been generated and approved. Summary of qualification data is shown as below.

Environmental Test	Stress Profile	Unit Tested	Units Failed
Temperature Cycling (TMCL)	-40/120°C, 30/5min Dwell/Transfer, 100 cycle	160	0
High Temperature Operating Life (HTOL)	95°C (T _b), I _F = 700 mA, 1000 hrs	40	0
High Humidity High Temperature Operating Life (WHTOL)	85°C, 85% RH, I _F = 700 mA, 1000 hrs	40	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.