

## Product Change Notice

**Issue Date: 1<sup>st</sup> May 2012**

**Change Type:**

New replacement die version for the part numbers listed below.

**Parts Affected:**

ASMT-MR00-AGH00

ASMT-MR00-AHJ00

ASMT-MR00-AHJ01

ASMT-MRK0-AGH00

ASMT-MRK0-AHJ00

ASMT-MRA0-AGH00

ASMT-MRA0-AHJ00

ASMT-MT00-00001

QSMT-MT0A-0BBBZ

QSMT-MT0B-0CCJ1

QSMT-MT0C-0DBD1

QSMT-MT0D-0DBD1

ASMT-AR00-ARS00

ASMT-AR00-ARS01

ASMT-AR30-ARS00

ASMT-JR10-ARS01

ASMT-JR30-ARS01

**Description and Extent of Change:**

The new die version shall be replacing current die for all the parts above. There will be no change in device functionality, specification and electrical performance.

**Reasons for Change:**

Obsolescence of current die version.

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

There is no change in the fit, form and function as per datasheet. Qualification and characterization have been conducted to ensure both current and new dice versions are comparable.

**Effective Date of Change:**

Avago Technologies will begin to ship these part numbers effectively by 1<sup>st</sup> June 2012 onwards. There will be mixed shipments between either dice version until the current inventory is fully depleted.

**Qualification Data:**

Environmental Test	Stress Profile	Unit Tested	Unit Failed
Temperature Cycling	-40'C/120'C, 30/5/30 min, 100 cycles	120	0
High Temperature Operating Life (HTOL)	Moonstone: 112'C, If = 350 mA Jade (3W): 101'C, If = 700mA 1000 hours	60	0
Wet High Temperature Operating Life (WHTOL)	60'C/ 90%RH, If = 350mA/ 700mA (3W) 1000 hours	60	0
Low Temperature Operating Life (LTOL)	-40'C, If 350mA/ 700mA (3W), 1000 hours	60	0
Wet High Temperature Storage Life (WHTSL)	60'C/ 90%RH, 1000 hours	60	0

**Summary:**

All the qualification vehicles submitted to reliability tests passed Avago's reliability tests requirements. There were no functional defects observed in the tests run above.

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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, 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.