

Product Change Notice

Issue Date: 1st 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 1st 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.

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.