

Product Change Notice

Issue Date: 7 March 2007

Change Type:

Qualify new contract manufacturer for:

- 1) Wafer Sort process
- 2) Final Test process

Parts Affected:

Product Family	Affected Products *	Change Type	
		Wafer Sort Process	Final Test Process
mmWave Die Sales	AMMC-xxxx	X	
mmWave Transistors and RFIC	AMMP-xxxx	X	X
	QMMP-xxxx	X	X

Table 1: Parts Affected for Avago Wafer Sort and Final Test Process Change

* Please refer to Appendix A for details of affected part numbers.

Description and Extent of Change:

Avago Technologies Malaysia (Penang) is outsourcing its Wafer Sort and Final Test operations for the products listed in Table 1.

With this change, the Contract Manufacturer will be qualified for Wafer Sort and Final Test processes using the same manufacturing equipments, processes and materials. All the affected products will still be manufactured according to the same electrical and physical dimension specifications as per product datasheets.

Avago Technologies will ensure that appropriate process controls and monitors are in place at the new contract manufacturer to continue providing customers with high quality products. The contract manufacturer will be given proper quality training and certified to Avago Technologies’ standards of manufacturing process operations.

Reasons for Change:

Avago has revised its back-end manufacturing strategy towards a greater use of contract manufacturers in order to achieve more flexibility in meeting fluctuating market demand.

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

The product electrical performance will remain the same. There are no changes to electrical specification, external form, fit, function, quality or reliability in the final product. The footprint will also remain the same.

Appropriate correlations and qualifications are being performed to ensure continued high quality and performance.



Effective Date of Change:

The approximate dates for sample availability, qualification completion and effective date of change for all the above mentioned changes are shown in Table 2 below:

Change Type	Sample Availability	Qualification Completion	Target Date Of Change
Wafer Sort Process	23 rd April'07	23 rd April'07	1 st June'07
Final Test Process	N/A	15 th May'07	1 st June'07

Table 2: Avago Wafer Sort and Final Test Process Change Schedules

Mixed shipments are to be expected after the effective date of change. Timing of the shipments of the changed parts will vary depending on customer demand and inventory levels.

Qualification Data:

The products listed in Table 1 will be qualified by similarity using the part numbers below as vehicles:

Product Family	Qualification Vehicle
mmWave Die Sales	AMMC-6420
	AMMC-6530
	AMMC-5040
	AMMC-6231
	AMMC-6120
mmWave Transistors and RFIC	AMMP-6408 *
	AMMP-6530 *
	AMMP-6231 *
	AMMP-6120 *
	AMMP-5618 *

Table 3: Qualification Vehicles

* Final Test process change qualification will involve electrical correlation, ESD and ECOQ.

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 field sales engineer or Contact Center for any questions or support requirements.

Appendix A



List of affected part numbers

AMMC-6232-W10	AMMC-3040-W50	AMMP-6222-BLKG
AMMC-6408-W10	AMMC-3041-W10	AMMP-6120-BLK
AMMC-6408-W50	AMMC-3041-W50	AMMP-6120-TR1
AMMC-5033-W10	AMMC-6140-W10	AMMP-6130-BLKG
AMMC-5033-W50	AMMC-6140-W50	AMMP-6130-TR1G
AMMC-5618-W10	AMMC-6550-W10	AMMP-6130-TR2G
AMMC-5618-W50	AMMC-2008-W10	AMMP-5620-BLKG
AMMC-5620-W10	AMMC-5023-W10	AMMP-5620-TR2G
AMMC-5620-W50	AMMC-5024-W10	AMMP-5620-TR1G
AMMC-6220-W50	AMMC-5026-W10	AMMP-6233-TR1G
AMMC-6120-W10	AMMC-5040-W10	AMMP-6233-TR2G
AMMC-6120-W50	AMMC-6241-W10	AMMP-6233-BLKG
AMMC-6345-W10	AMMC-6241-W50	AMMP-6222-TR2G
AMMC-6425-W10	AMMC-6440-W10	AMMP-6222-TR1G
AMMC-6425-W50	AMMC-6440-W50	AMMP-6232-TR2G
AMMC-6430-W10	AMMC-6231-W10	AMMP-6530-BLK
AMMC-6430-W50	AMMC-6231-W50	AMMP-6530-TR1
AMMC-6345-W50	AMMC-5024-W50	AMMP-5618-BLK
AMMC-6420-W10	AMMC-2008-W50	AMMP-5618-TR1
AMMC-6420-W50	AMMC-5040-W50	AMMP-6220-BLK
AMMC-6220-W10	AMMC-5023-W50	AMMP-6220-TR1
AMMC-6530-W10	AMMC-5026-W50	AMMP-5618-TR2
AMMC-6530-W50	AMMC-6232-W50	AMMP-6220-TR2
AMMC-6222-W10	AMMC-6550-W50	AMMP-6120-TR2
AMMC-6222-W50	AMMP-6232-TR1G	AMMP-6530-TR2
AMMC-3040-W10	AMMP-6232-BLKG	