

## Product Change Notice

Issue Date: 16<sup>th</sup> February 2009

**Change Type:**

Assembly related: Package material.

**Parts Affected:**

AMMP-5024	AMMP-6421
AMMP-5618	AMMP-6425
AMMP-5620	AMMP-6430
AMMP-6120	AMMP-6522
AMMP-6130	AMMP-6530
AMMP-6220	AMMP-6532
AMMP-6232	AMMP-6545
AMMP-6331	AMMP-6546
AMMP-6333	AMMP-6630
AMMP-6408	AMMP-6640
AMMP-6650	AMMP-6420

**Description and Extent of Change:**

Wireless Semiconductor Division (PL47) is substituting current 5x5 package composite material with this LCP material. We have chosen AMMP-5618, AMMP-6408, AMMP-6120, AMMP-6220 & AMMP-6530 as qual vehicle.

**Reasons for Change:**

This change is makes to improve the lid cover supportability and cycle time. Appropriate qualifications are being performed to ensure the performance and quality is comparable.

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

The new Lid cover still will not affect product electrical performance. Appropriate DC, RF characterization and reliability qualification will be performed on the product to ensure continued electrical parametric consistency and reliability.

**Effective Date of Change:**

The approximate date of completing the qualification report of the new Lid cover is end of March' 09. We estimate to start shipping the 5x5 mmWave package with new lid cover starting early of May.

**Qualification Data:**

Characterization data of AMMP-5618, AMMP-6408, AMMP-6120 is available. Full qualification results will be ready by March'09.

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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.

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.

## **Part Affected**

AMMP-5024-BLKG	AMMP-6421-BLKG
AMMP-5024-TR1G	AMMP-6421-TR1G
AMMP-5024-TR2G	AMMP-6421-TR2G
AMMP-5618-BLK	AMMP-6425-BLKG
AMMP-5618-TR1	AMMP-6425-TR1G
AMMP-5618-TR2	AMMP-6425-TR2G
AMMP-5620-BLKG	AMMP-6430-BLKG
AMMP-5620-TR1G	AMMP-6430-TR1G
AMMP-5620-TR2G	AMMP-6430-TR2G
AMMP-6120-BLK	AMMP-6522-BLKG
AMMP-6120-TR1	AMMP-6522-TR1G
AMMP-6120-TR2	AMMP-6522-TR2G
AMMP-6130-BLKG	AMMP-6530-BLK
AMMP-6130-TR1G	AMMP-6530-TR1
AMMP-6130-TR2G	AMMP-6530-TR2
AMMP-6220-BLK	AMMP-6532-BLKG
AMMP-6220-TR1	AMMP-6532-TR1G
AMMP-6220-TR2	AMMP-6532-TR2G
AMMP-6232-BLKG	AMMP-6545-BLKG
AMMP-6232-TR1G	AMMP-6545-TR1G
AMMP-6232-TR2G	AMMP-6545-TR2G
AMMP-6331-BLKG	AMMP-6546-BLKG
AMMP-6331-TR1G	AMMP-6546-TR1G
AMMP-6331-TR2G	AMMP-6546-TR2G
AMMP-6333-BLKG	AMMP-6630-BLKG
AMMP-6333-TR1G	AMMP-6630-TR1G
AMMP-6333-TR2G	AMMP-6630-TR2G
AMMP-6408-BLKG	AMMP-6640-BLKG
AMMP-6408-TR1G	AMMP-6640-TR1G
AMMP-6408-TR2G	AMMP-6640-TR2G
AMMP-6420-BLKG	AMMP-6650-BLKG
AMMP-6420-TR1G	AMMP-6650-TR1G
AMMP-6420-TR2G	AMMP-6650-TR2G

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