



Product Change Notice

Micron PCN: 30296
 Date: 4/13/2010

Type of Change:	Die Shrink, End of Life	
Title of Change:	512Mb LPDDR SDRAM Die Shrink and EOL — Packaged Components	
Description of Change:	<p>Micron's 78nm 512Mb LPDDR SDRAM packaged components (Y47M, Rev B) are migrating to 50nm technology (Y67M, Rev C).</p> <p>Please refer to the appropriate Micron data sheets for complete information on all specification differences between the 78nm and 50nm devices.</p>	
Reason for Change:	Optimization of Manufacturing Efficiency	
Contact Information:	<u>Marketing Contact</u> BRANDY MAMIZUKA BYMAMIZUKA@MICRON.COM Micron Technology, Inc.	<u>Engineering Contact</u> JOHN BEHREND JBEHREND@MICRON.COM Micron Technology, Inc.

Product Affected: 512Mb LPDDR SDRAM (78nm, Y47M, Rev B) packaged components

Affected Micron Part Numbers	Replacement Part Numbers
MT48H16M32LFCM-6 AT:B	Contact Factory
MT48H16M32LFCM-6 IT:B	MT48H16M32LFB5-6 IT:C
MT48H16M32LFCM-6 L IT:B	Contact Factory
MT48H16M32LFCM-6:B	MT48H16M32LFB5-6 IT:C
MT48H16M32LFCM-75 AT:B	Contact Factory
MT48H16M32LFCM-75 IT:B	MT48H16M32LFB5-75 IT:C
MT48H16M32LFCM-75:B	MT48H16M32LFB5-75 IT:C
MT48H32M16LFBF-6:B	MT48H32M16LFB4-6 IT:C
MT48H32M16LFBF-75 AT:B	Contact Factory
MT48H32M16LFBF-75 IT:B	MT48H32M16LFB4-75 IT:C
MT48H32M16LFBF-75 L IT:B	Contact Factory
MT48H32M16LFBF-75:B	MT48H32M16LFB4-75 IT:C
MT48H32M16LFBF-75B IT:B	Contact Factory

Method of Identification: The die revision designator in the marketing part number will change from "B" to "C."

Affected Micron Part Numbers	Replacement Part Numbers
MT48H16M32LFCM-6 IT: B	MT48H16M32LFB5-6 IT: C
MT48H32M16LFBF-6: B	MT48H32M16LFB4-6 IT: C

Micron Sites Affected: All Sites

50nm (Y67M) Based Product:

Product Ship Date: June 22, 2010
 Samples Availability Date: May 7, 2010
 Qual Data Availability Date: May 22, 2010

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Note: Per JEDEC Standard JESD46-C Section 3.2.3; lack of acknowledgment of this PCN within 30 days constitutes acceptance of change



78nm (Y47M) Based Product:

Last-Time-Buy Date: January 28, 2011 *

Last-Time-Ship Date: July 29, 2011

* Orders placed prior to the LTB date are subject to current inventory levels, which may vary based on market conditions and customer demand. Early orders are encouraged.