



## Product Change Notice

Micron PCN: 30593  
 Date: 12/3/2011

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|-------------------------------|--|---|
| <b>Type of Change:</b>        | Die Shrink, End of Life  |   |
| <b>Title of Change:</b>       | Y14W Die Shrink/EOL  |   |
| <b>Description of Change:</b> | Micron's standard 130nm 64Mb SDR (Y14W) is being replaced by 50nm process technology (Y64A).                                   |   |
| <b>Reason for Change:</b>     | Optimization of Manufacturing Efficiency   |   |
| <b>Contact Information:</b>   | <u>Marketing Contact</u><br>SHERRY GRAY<br><a href="mailto:SGRAY@MICRON.COM">SGRAY@MICRON.COM</a><br>Micron Semiconductor Prds | <u>Engineering Contact</u><br>CLAYTON THOMPSON<br><a href="mailto:CBTHOMPSON@MICRON.COM">CBTHOMPSON@MICRON.COM</a><br>Micron Semiconductor Prds |

**Product Affected:** All 130nm 64Mb SDR (Y14W) based product

| <u>Affected Micron Part Number</u> | <u>Replacement Part Number</u> |
|------------------------------------|--------------------------------|
| <b>Die/Wafer</b>                   |                                |
| MT48LC2M32B2Y14WWC1                | Contact Factory                |
| MT48LC4M16A2Y14WDC1                | Contact Factory                |
| MT48LC4M16A2Y14WWC1                | Contact Factory                |
| <b>Component</b>                   |                                |
| MT48LC2M32B2B5-6 IT:G              | MT48LC2M32B2B5-6A IT:J         |
| MT48LC2M32B2B5-6:G                 | MT48LC2M32B2B5-6A:J            |
| MT48LC2M32B2B5-7 IT:G              | MT48LC2M32B2B5-6A IT:J         |
| MT48LC2M32B2B5-7:G                 | MT48LC2M32B2B5-6A:J            |
| MT48LC2M32B2P-5:G                  | MT48LC2M32B2P-5:J              |
| MT48LC2M32B2P-55:G                 | MT48LC2M32B2P-5:J              |
| MT48LC2M32B2P-6 AT:G               | MT48LC2M32B2P-6A AAT:J         |
| MT48LC2M32B2P-6 IT:G               | MT48LC2M32B2P-6A IT:J          |
| MT48LC2M32B2P-6:G                  | MT48LC2M32B2P-6A:J             |
| MT48LC2M32B2P-7 IT:G               | MT48LC2M32B2P-6A IT:J          |
| MT48LC2M32B2P-7:G                  | MT48LC2M32B2P-6A:J             |
| MT48LC2M32B2TG-6 IT:G              | MT48LC2M32B2TG-6A IT:J         |
| MT48LC2M32B2TG-6:G                 | MT48LC2M32B2TG-6A:J            |
| MT48LC2M32B2TG-7 IT:G              | MT48LC2M32B2TG-6A IT:J         |
| MT48LC2M32B2TG-7:G                 | MT48LC2M32B2TG-6A:J            |
| MT48LC4M16A2B4-6:G                 | MT48LC4M16A2B4-6A:J            |
| MT48LC4M16A2B4-75 IT:G             | MT48LC4M16A2B4-6A IT:J         |
| MT48LC4M16A2B4-75:G                | MT48LC4M16A2B4-6A:J            |
| MT48LC4M16A2B4-7E:G                | MT48LC4M16A2B4-7E:J            |
| MT48LC4M16A2P-6 IT:G               | MT48LC4M16A2P-6A IT:J          |
| MT48LC4M16A2P-6:G                  | MT48LC4M16A2P-6A:J             |
| MT48LC4M16A2P-75 IT:G              | MT48LC4M16A2P-6A IT:J          |
| MT48LC4M16A2P-75 L:G               | Contact Factory                |

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



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|------------------------|------------------------|
| MT48LC4M16A2P-75:G     | MT48LC4M16A2P-6A:J     |
| MT48LC4M16A2P-7E AT:G  | Contact Factory        |
| MT48LC4M16A2P-7E IT:G  | MT48LC4M16A2P-7E IT:J  |
| MT48LC4M16A2P-7E:G     | MT48LC4M16A2P-7E:J     |
| MT48LC4M16A2TG-6:G     | MT48LC4M16A2TG-6A:J    |
| MT48LC4M16A2TG-75 IT:G | MT48LC4M16A2TG-6A IT:J |
| MT48LC4M16A2TG-75:G    | MT48LC4M16A2TG-6A:J    |
| MT48LC4M16A2TG-7E IT:G | MT48LC4M16A2P-7E IT:J  |
| MT48LC4M16A2TG-7E:G    | MT48LC4M16A2TG-7E:J    |
| MT48LC8M8A2P-75 IT:G   | Contact Factory        |
| MT48LC8M8A2P-75:G      | MT48LC8M8A2P-6A:J      |
| MT48LC8M8A2P-7E:G      | Contact Factory        |
| MT48LC8M8A2TG-75 IT:G  | MT48LC8M8A2TG-6A IT:J  |
| MT48LC8M8A2TG-75:G     | MT48LC8M8A2TG-6A:J     |
| MT48LC16M4A2P-75:G     | Contact Factory        |
| MT48LC16M4A2P-7E:G     | Contact Factory        |
| MT48LC16M4A2TG-75:G    | Contact Factory        |
| <b>Module</b>          |                        |
| MT4LSDT832UDG-8G1      | Contact Factory        |

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**Method of Identification:** Micron part number (see table above).

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**Micron Sites Affected:**

**50nm Product (Y64A)**

*Fabrication:* Singapore (Tech);

*Assembly:* Micron Singapore and Taiwan

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**Product/Data Availability**

**50nm Product (Y64A):**

*Sample Availability\*:* Jan 2012

*Qual Data Availability:* Jan 2012

*Production Shipments:* Jan 2012

**130nm Product (Y14W):**

*Last Time Buy\*\*:* 31-Mar-2013

*Last Time Ship:* 31-Dec-2013

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**Qualification Plan:**

50nm Y64A product will be qualified according to Micron's qualification procedures and best practices. Micron's Qualification Plan will be available upon request.

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\* Please contact factory for dates for your specific part numbers.

\*\* 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.

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