



Product Change Notice

Micron PCN: 31163
 Date: 2/4/2014

Type Of Change:	Die Shrink, End of Life	
Title of Change:	EOL of 50nm DDR2 512Mb and 1Gb Parts	
Description of Change:	Micron's 50nm 512Mb DDR 2 (U67A) and 1Gb DDR 2 (U68A) are being replaced by 30nm process technology 512Mb DDR 2 (U87B) and 1Gb DDR 2 (U88B)	
Reason for Change:	Optimization of Manufacturing Efficiency	
Contact Information:	<u>Marketing Contact</u> DAN COMBE Micron Semiconductor Prds DCOMBE@MICRON.COM	<u>Engineering Contact</u> DENZIL ROGERS Micron Semiconductor Prds DENZILROGERS@MICRON.COM

Product Affected: All U67A and U68A MPNs

Affected Micron Part Number	Suggested Replacement Part
512Mb (U67A) Parts	
Wafers	
MT47H32M16U67A3WC1	MT47H32M16U87BWC1
MT47H64M8U67A3WC1	Contact Factory
Modules	
MT16HTF12864AZ-800G1	MT8HTF12864AZ-800M1
MT16HTF12864HZ-667G1	MT8HTF12864HZ-800M1
MT18HTF12872AZ-80EG1	MT9HTF12872AZ-80EM1
MT18HTF12872FDZ-667G1D6	MT9HTF12872FZ-80EM1D6
MT18HTF12872PDZ-667G1	MT9HTF12872PZ-80EM1
MT18HTF12872PZ-667G1	MT9HTF12872PZ-80EM1
MT18HTF12872Z-40EG1	MT9HTF12872PZ-80EM1
MT36HTF25672PZ-667G1	MT18HTF25672PDZ-80EM1
MT4HTF3264HZ-667G1	MT4HTF3264HZ-800H1
MT4HTF3264HZ-800G1	MT4HTF3264HZ-800H1
MT8HTF6464HDZ-667G1	MT4HTF6464HZ-800M1
MT9HTF6472PKZ-667G1	MT9HTF6472PKZ-667H1
MT9HTF6472PZ-667G1	MT9HTF6472PZ-667H1
MT9HTF6472RHZ-667G1	MT9HTF6472RHZ-667H1
MT9HVF6472PKZ-667G1	MT9HVF6472PKZ-667H1
MT9HVF6472PZ-667G1	MT9HVF6472PZ-667H1
Components	
MT47H128M4CF-25E:G	MT47H128M4SH-25E:H
MT47H32M16HR-187E:G	MT47H32M16NF-187E:H
MT47H32M16HR-25E IT:G	MT47H32M16NF-25E IT:H
MT47H32M16HR-25E L:G	Contact Factory
MT47H32M16HR-25E:G	MT47H32M16NF-25E:H
MT47H32M16HR-3:G	MT47H32M16NF-25E:H
MT47H32M16HW-25E IT:G	MT47H32M16NF-25E IT:H
MT47H32M16HW-25E:G	MT47H32M16NF-25E:H
MT47H64M8CF-25E IT:G	MT47H64M8SH-25E IT:H
MT47H64M8CF-25E 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



Affected Micron Part Number	Suggested Replacement Part
MT47H64M8CF-25E:G	MT47H64M8SH-25E:H
MT47H64M8CF-3:G	MT47H64M8SH-25E:H
MT47H64M8JN-25E IT:G	MT47H64M8SH-25E IT:H
MT47H64M8JN-25E:G	MT47H64M8SH-25E:H
1Gb (U68A) Based parts	
Wafer	
MT47H64M16U68A3WC1	MT47H64M16U88BWC1
Module	
MT16HTF25664AZ-1GAH1	Contact Factory
MT16HTF25664AZ-667H1	MT16HTF25664AZ-800M1
MT16HTF25664AZ-800H1	MT16HTF25664AZ-800M1
MT16HTF25664HIZ-667H1	MT16HTF25664HIZ-667M1
MT16HTF25664HZ-667H1	MT16HTF25664HZ-800M1
MT16HTF25664HZ-800H1	MT16HTF25664HZ-800M1
MT18HTF25672AZ-667H1	MT18HTF25672AZ-80EM1
MT18HTF25672AZ-80EH1	MT18HTF25672AZ-80EM1
MT18HTF25672FDZ-667H1D6	MT18HTF25672FDZ-80EM1D6
MT18HTF25672FDZ-80EH1D6	MT18HTF25672FDZ-80EM1D6
MT18HTF25672PDZ-667H1	MT18HTF25672PDZ-80EM1
MT18HTF25672PDZ-80EH1	MT18HTF25672PDZ-80EM1
MT18HTF25672PKZ-667H1	MT18HTF25672PKZ-80EM1
MT18HTF25672PKZ-80EH1	MT18HTF25672PKZ-80EM1
MT18HTF25672PZ-667H1	MT18HTF25672PDZ-80EM1
MT18HTF25672PZ-80EH1	MT18HTF25672PDZ-80EM1
MT18HTS25672RHZ-667H1	MT18HTS25672RHZ-80EM1
MT18HTS25672RHZ-80EH1	MT18HTS25672RHZ-80EM1
MT18HVF25672PDZ-667H1	MT18HVF25672PDZ-80EM1
MT18HVF25672PDZ-80EH1	MT18HVF25672PDZ-80EM1
MT18HVF25672PZ-667H1	MT18HVF25672PZ-80EM1
MT18HVF25672PZ-80EH1	MT18HVF25672PZ-80EM1
MT18HVS25672PKZ-80EH1	MT18HVS25672PKZ-80EM1
MT18HVS25672PKZ-80EH2	MT18HVS25672PKZ-80EM1
MT18RTF25672FDZ-667H1D6	Contact Factory
MT36HTF51272FDZ-667H1D6	MT36HTF51272FZ-80EM1D6
MT36HTF51272FZ-667H1D4	MT36HTF51272FZ-80EM1D6
MT36HTF51272FZ-667H1D6	MT36HTF51272FZ-80EM1D6
MT36HTF51272FZ-80EH1D6	MT36HTF51272FZ-80EM1D6
MT36HTF51272PZ-667H1	MT36HTF51272PZ-80EM1
MT36HTF51272PZ-80EH1	MT36HTF51272PZ-80EM1
MT36HVS51272PZ-667H1	MT36HVS51272PZ-80EM1
MT36HVS51272PZ-80EH1	MT36HVS51272PZ-80EM1
MT36HVYS51272PIZ-667H1	Contact Factory
MT36RTF51272FZ-667H1D6	Contact Factory
MT4HTF6464AZ-667H1	MT4HTF6464AZ-800M1
MT4HTF6464AZ-800H1	MT4HTF6464AZ-800M1
MT4HTF6464HZ-667H1	MT4HTF6464HZ-800M1
MT4HTF6464HZ-800H1	MT4HTF6464HZ-800M1
MT72HTS1G72FZ-667H1D6	MT72HTS1G72FZ-80EM1D6

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



Affected Micron Part Number	Suggested Replacement Part
MT72HTS1G72FZ-80EH1D6	MT72HTS1G72FZ-80EM1D6
MT72HTS1G72PZ-667H1	MT36HTF1G72PZ-667C1
MT72HTZS1G72PZ-667H1	Contact Factory
MT8HTF12864AZ-1GAH1	Contact Factory
MT8HTF12864AZ-667H1	MT8HTF12864AZ-800M1
MT8HTF12864AZ-800H1	MT8HTF12864AZ-800M1
MT8HTF12864HDZ-667H1	MT8HTF12864HDZ-800M1
MT8HTF12864HDZ-800H1	MT8HTF12864HDZ-800M1
MT8HTF12864HTZ-667H1	Contact Factory
MT8HTF12864HTZ-800H1	Contact Factory
MT8HTF12864HZ-667H1	MT8HTF12864HZ-800M1
MT8HTF12864HZ-800H1	MT8HTF12864HZ-800M1
MT8HTF25632HZ-667H1	MT8HTF25632HZ-667M1
MT9HTF12872AZ-667H1	MT9HTF12872AZ-80EM1
MT9HTF12872AZ-80EH1	MT9HTF12872AZ-80EM1
MT9HTF12872FZ-667H1D6	MT9HTF12872FZ-80EM1D6
MT9HTF12872FZ-80EH1D6	MT9HTF12872FZ-80EM1D6
MT9HTF12872PKZ-80EH1	Contact Factory
MT9HTF12872PZ-667H1	MT9HTF12872PZ-80EM1
MT9HTF12872PZ-80EH1	MT9HTF12872PZ-80EM1
MT9HTF12872RHZ-667H1	MT9HTF12872RHZ-80EM1
MT9HTF12872RHZ-80EH1	MT9HTF12872RHZ-80EM1
MT9HVF12872PKIZ-80EH1	Contact Factory
MT9HVF12872PKZ-80EH1	MT9HVF12872PKZ-80EM1
MT9HVF12872PZ-667H1	MT9HVF12872PZ-80EM1
MT9HVF12872PZ-80EH1	MT9HVF12872PZ-80EM1
MT9HVZF12872PKZ-667H1	Contact Factory
Component	
MT47H128M8CF-187E:H	MT47H128M8SH-187E:M
MT47H128M8CF-25 S:H	Contact Factory
MT47H128M8CF-25:H	MT47H128M8SH-25E:M
MT47H128M8CF-25E IT:H	MT47H128M8SH-25E IT:M
MT47H128M8CF-25E:H	MT47H128M8SH-25E:M
MT47H128M8CF-3 IT:H	MT47H128M8SH-25E IT:M
MT47H128M8CF-3 L:H	Contact Factory
MT47H128M8CF-3:H	MT47H128M8SH-25E:M
MT47H128M8JN-25E:H	MT47H128M8SH-25E:M
MT47H128M8JN-3 IT:H	MT47H128M8SH-25E IT:M
MT47H128M8JN-3:H	MT47H128M8SH-25E:M
MT47H256M4CF-25E:H	MT47H256M4SH-25E:M
MT47H256M4CF-3:H	MT47H256M4SH-25E:M
MT47H256M8THN-25E:H	MT47H256M8THN-25E:M
MT47H256M8THN-3 IT:H	Contact Factory
MT47H256M8THN-3:H	MT47H256M8THN-25E:M
MT47H512M4THN-25E:H	MT47H512M4THN-25E:M
MT47H512M4THN-3:H	MT47H512M4THN-25E:M
MT47H64M16HR-187E:H	MT47H64M16NF-187E:M
MT47H64M16HR-25 IT:H	MT47H64M16NF-25E IT:M

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



Affected Micron Part Number	Suggested Replacement Part
MT47H64M16HR-25:H	MT47H64M16NF-25E:M
MT47H64M16HR-25E IT:H	MT47H64M16NF-25E IT:M
MT47H64M16HR-25E L:H	Contact Factory
MT47H64M16HR-25E:H	MT47H64M16NF-25E:M
MT47H64M16HR-3 IT:H	MT47H64M16NF-25E IT:M
MT47H64M16HR-3 L:H	Contact Factory
MT47H64M16HR-3:H	MT47H64M16NF-25E:M
MT47H64M16HW-25E IT:H	MT47H64M16NF-25E IT:M
MT47H64M16HW-25E:H	MT47H64M16NF-25E:M
MT47H64M16HW-3 IT:H	MT47H64M16NF-25E IT:M
MT47H64M16HW-3:H	MT47H64M16NF-25E:M
MT47R256M4CF-25E:H	Contact Factory
MT47R64M16HR-25E:H	Contact Factory

Micron Sites Affected: All Sites

Product Shrink Timeline:

Product Ship Date: April 2014
Sample Available: February 2014
Qual Data Available: February 2014

End of Life Timeline:

Last Time Buy: 31-Aug-2014
Last Time Ship: 28-Feb-2015

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.