



## Product Change Notice

Micron PCN: 30679  
Date: 5/16/2012

<b>Type of Change:</b>	Die Shrink, End of Life	
<b>Title of Change:</b>	50nm 2Gb DDR3 (V69A) EOL	
<b>Description of Change:</b>	<p>This PCN is a replacement for PCN #30643 and is intended for customers who have applications with long life cycles.</p> <p>Micron's 50nm 2Gb DDR3 part is replaced by 30nm 2Gb/4Gb options. The replacement options described below direct customers to 100% 30nm replacement options as opposed to moving to 42nm. For additional options available, please contact factory.</p>	
<b>Reason for Change:</b>	Optimization of Manufacturing Efficiency	
<b>Contact Information:</b>	<u>Marketing Contact</u> AMY DOZIER <a href="mailto:ADDOZIER@MICRON.COM">ADDOZIER@MICRON.COM</a> Micron Semiconductor Prds	<u>Engineering Contact</u> DENZIL ROGERS <a href="mailto:DENZILROGERS@MICRON.COM">DENZILROGERS@MICRON.COM</a> Micron Semiconductor Prds

**Product Affected:** All 50nm 2Gb DDR3 (V69A) based products

Affected Micron Part Number	Replacement Part Number	Replacement Design ID
<b>Die/Wafer</b>		
MT41J128M16V69A3WC1	Contact Factory	
MT41J256M8V69A3WC1	Contact Factory	
MT41J512M4V69A-N3000	Contact Factory	
MT41J512M4V69A3WC1	Contact Factory	
<b>SODIMM/UDIMM</b>		
MT16JSF51264HZ-1G1D1	MT8KTF51264HZ-1G6E1	V80A
MT16JTF51264AZ-1G1D1	MT8KTF51264AZ-1G6E1	V80A
MT16JTF51264AZ-1G4D1	MT8KTF51264AZ-1G6E1	V80A
MT16JTF51264AZ-1G6D1	MT8KTF51264AZ-1G6E1	V80A
MT16JTS51264HZ-1G4D1	MT8KTF51264HZ-1G6E1	V80A
MT16KSF51264HZ-1G1D1	MT8KTF51264HZ-1G6E1	V80A
MT16KSF51264HZ-1G4D1	MT8KTF51264HZ-1G6E1	V80A
MT4JSF12864HZ-1G1D1	MT4KTF12864HZ-1G6K1	V89C
MT4JSF12864HZ-1G4D1	MT4KTF12864HZ-1G6K1	V89C
MT4JSF12864HZ-1G6D1	MT4KTF12864HZ-1G6K1	V89C
MT4JTF12864AZ-1G1D1	Contact Factory	
MT4JTF12864AZ-1G4D1	Contact Factory	
MT4JTF12864AZ-1G6D1	Contact Factory	
MT4KSF12864HZ-1G1D1	MT4KTF12864HZ-1G6K1	V89C
MT4KSF12864HZ-1G4D1	MT4KTF12864HZ-1G6K1	V89C
MT8JSF25664HDZ-1G1D1	MT8KTF25664HDZ-1G4K1	V89C
MT8JSF25664HDZ-1G4D1	MT8KTF25664HDZ-1G4K1	V89C

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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MT8JSF25664HDZ-1G6D1	<i>Contact Factory</i>	
MT8JSF25664HZ-1G1D1	MT4KTF25664HZ-1G6E1	V80A
MT8JSF25664HZ-1G4D1	MT4KTF25664HZ-1G6E1	V80A
MT8JTF25664AZ-1G1D1	MT4KTF25664AZ-1G6E1	V80A
MT8JTF25664AZ-1G4D1	MT4KTF25664AZ-1G6E1	V80A
MT8KSF25664HDZ-1G1D1	MT8KTF25664HDZ-1G4K1	V89C
MT8KSF25664HDZ-1G4D1	MT8KTF25664HDZ-1G4K1	V89C
MT8KSF25664HZ-1G1D1	MT4KTF25664HZ-1G6E1	V80A
MT8KSF25664HZ-1G4D1	MT4KTF25664HZ-1G6E1	V80A
<b>RDIMM</b>		
MT18JDF51272PDZ-1G1D1	MT18KDF51272PDZ-1G6K1	V89C
MT18JDF51272PDZ-1G4D1	MT18KDF51272PDZ-1G6K1	V89C
MT18JDF51272PZ-1G1D1	MT18KDF51272PZ-1G6K1	V89C
MT18JDF51272PZ-1G4D1	MT18KDF51272PZ-1G6K1	V89C
MT18JDZF51272PDZ-1G4D1	MT18KDF51272PDZ-1G6K1	V89C
MT18JDZF51272PZ-1G4D1	MT18KDF51272PDZ-1G6K1	V89C
MT18JSF51272PDZ-1G1D1	MT18KSF51272PDZ-1G6K1	V89C
MT18JSF51272PDZ-1G4D1	MT18KSF51272PDZ-1G6K1	V89C
MT18JSF51272PKIZ-1G4D1	MT18JSF51272PKIZ-1G4K1	V89C
MT18JSF51272PKZ-1G4D1	MT18JSF51272PKZ-1G4K1	V89C
MT18JSF51272PZ-1G4D1	MT9KSF51272PZ-1G4E1	V80A
MT18KDF51272PDZ-1G1D1	MT18KDF51272PDZ-1G6K1	V89C
MT18KDF51272PDZ-1G4D1	MT18KDF51272PDZ-1G6K1	V89C
MT18KDF51272PZ-1G1D1	MT9KDF51272PZ-1G4E1	V80A
MT18KDF51272PZ-1G4D1	MT9KDF51272PZ-1G4E1	V80A
MT18KSF51272PDZ-1G1D1	MT18KSF51272PDZ-1G6K1	V89C
MT18KSF51272PDZ-1G4D1	MT18KSF51272PDZ-1G6K1	V89C
MT18KSF51272PZ-1G1D1	MT18KSF51272PZ-1G6K1	V89C
MT18KSF51272PZ-1G4D1	MT18KSF51272PZ-1G6K1	V89C
MT36JDYS1G72PZ-1G4D1	MT18KDF1G72PZ-1G6E1	V80A
MT36JDZS1G72PDZ-1G1D1	MT18KDF1G72PDZ-1G6E1	V80A
MT36JDZS1G72PZ-1G4D1	MT18KDF1G72PZ-1G6E1	V80A
MT36JSF1G72PDZ-1G1D1	MT18KSF1G72PDZ-1G6E1	V80A
MT36JSF1G72PZ-1G1D1	MT18KSF1G72PZ-1G6E1	V80A
MT36JSF1G72PZ-1G4D1	MT18KSF1G72PZ-1G6E1	V80A
MT36JSZF1G72PDZ-1G1D1	MT18KSF1G72PDZ-1G6E1	V80A
MT36JSZF1G72PZ-1G1D1	MT18KSF1G72PZ-1G6E1	V80A
MT36JSZF1G72PZ-1G4D1	MT18KSF1G72PZ-1G6E1	V80A
MT36KDZS1G72PDZ-1G1D1	MT18KDF1G72PDZ-1G6E1	V80A
MT36KDZS1G72PZ-1G1D1	MT18KDF1G72PZ-1G6E1	V80A
MT36KDZS1G72PZ-1G4D1	MT18KDF1G72PZ-1G6E1	V80A
MT36KSF1G72PDZ-1G1D1	MT18KDF1G72PZ-1G6E1	V80A
MT36KSF1G72PZ-1G4D1	MT18KDF1G72PZ-1G6E1	V80A
MT36KSZF1G72PDZ-1G1D1	MT18KSF1G72PDZ-1G6E1	V80A

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MT36KSZF1G72PZ-1G1D1	MT18KDF1G72PZ-1G6E1	V80A
MT36KSZF1G72PZ-1G4D1	MT18KSF1G72PZ-1G6E1	V80A
MT72JDZQ2G72PZ-1G1D1	MT36KDZS2G72PZ-1G6E1	V80A
MT72JSS2G72PZ-1G1D1	MT36KSF2G72PZ-1G6E1	V80A
MT72JSZS2G72PZ-1G1D1	MT36KSF2G72PZ-1G6E1	V80A
MT72KSS2G72PZ-1G1D1	MT36KSF2G72PZ-1G6E1	V80A
MT72KSZS2G72PZ-1G1D1	MT36KSF2G72PZ-1G6E1	V80A
MT9JDF25672PZ-1G1D1	MT9KDF25672PZ-1G6K1	V89C
MT9JDF25672PZ-1G4D1	MT9KDF25672PZ-1G6K1	V89C
MT9JSF25672PZ-1G4D1	MT9KSF25672PZ-1G6K1	V89C
MT9KDF25672PZ-1G4D1	MT9KDF25672PZ-1G6K1	V89C
MT9KSF25672PZ-1G4D1	MT9KSF25672AZ-1G6K1	V89C
MT18JSF51272PZ-1G1D1	MT9KSF25672PZ-1G6K1	V89C
<b>ECC UDIMMs</b>		
MT18JSF51272AKIZ-1G4D1	MT9KSF51272AKIZ-1G4E1	V80A
MT18JSF51272AKZ-1G4D1	MT18JSF51272AKZ-1G4K1	V89C
MT18JSF51272AZ-1G1D1	MT9KSF51272AKZ-1G4E1	V80A
MT18JSF51272AZ-1G4D1	MT9KSF51272AKZ-1G4E1	V80A
MT9JBF25672AKIZ-1G4D2	MT9JBF25672AKIZ-1G4K1	V89C
MT9JBF25672AKZ-1G4D2	MT9JBF25672AKZ-1G4K1	V89C
MT9KSF25672AZ-1G1D1	MT9KSF25672AZ-1G6K1	V89C
MT9KSF25672AZ-1G4D1	MT9KSF25672AZ-1G6K1	V89C
MT9JSF25672AKIZ-1G4D2	<i>Contact Factory</i>	
MT9JSF25672AKZ-1G4D2	MT9KSF25672AKZ-1G6K1	V89C
MT9JSF25672AZ-1G1D1	MT9KSF25672AZ-1G6K1	V89C
MT9JSF25672AZ-1G4D1	MT9KSF25672AZ-1G6K1	V89C
MT18KSF51272AZ-1G1D1	MT18KSF51272AZ-1G6K1	V89C
MT18KSF51272AZ-1G4D1	MT18KSF51272AZ-1G6K1	V89C
<b>Components</b>		
MT41J128M16HA-107G:D	MT41J128M16JT-107G:K	V89C
MT41J128M16HA-125 IT:D	MT41K128M16JT-125 IT:K	V89C
MT41J128M16HA-125:D	MT41K128M16JT-125:K	V89C
MT41J128M16HA-125G:D	MT41J128M16JT-107G:K	V89C
MT41J256M8HX-15E IT:D	MT41K256M8DA-125 IT:K	V89C
MT41J256M8HX-15E:D	MT41K256M8DA-125:K	V89C
MT41J256M8HX-187E:D	MT41K256M8DA-125:K	V89C
MT41J2G4THA-187E:D	<i>Contact Factory</i>	
MT41J512M4HX-125:D	MT41K512M4DA-125:K	V89C
MT41J512M4HX-15E:D	MT41K512M4DA-125:K	V89C
MT41J512M4HX-187E:D	MT41K512M4DA-125:K	V89C
MT41J512M8THD-15E:D	MT41K512M8RH-125:E	V80A
MT41J512M8THD-187E:D	MT41K512M8RH-125:E	V80A
MT41K128M16HA-15E IT:D	MT41K128M16JT-125 IT:K	V89C
MT41K128M16HA-15E:D	MT41K128M16JT-125:K	V89C

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MT41K128M16HA-187E:D	MT41K128M16JT-125:K	V89C
MT41K1G4THD-15E:D	MT41K1G4RH-125:E	V80A
MT41K1G4THD-187E:D	MT41K1G4RH-125:E	V80A
MT41K256M8HX-15E:D	MT41K256M8DA-125:K	V89C
MT41K256M8HX-187E:D	MT41K256M8DA-125:K	V89C
MT41K512M4HX-15E:D	MT41K512M4DA-125:K	V89C
MT41K512M8THD-15E:D	MT41K512M8RH-125:E	V80A
MT41J128M16HA-15E:D	MT41K128M16JT-125:K	V89C
MT41J128M16HA-187E:D	MT41K128M16JT-125:K	V89C
MT41J1G4THD-15E:D	MT41K1G4RH-125:E	V80A
MT41J1G4THD-187E:D	MT41K1G4RH-125:E	V80A
MT41J256M8HX-125 IT:D	MT41K256M8DA-125 IT:K	V89C
MT41J256M8HX-125:D	MT41K256M8DA-125:K	V89C
MT41J128M16HA-15E IT:D	MT41K128M16JT-125 IT:K	V89C

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**Method of Identification:** Micron Part Number (see table above)

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**Micron Sites Affected:** All Sites

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#### Product/Data Availability

##### 30nm Product:

*Sample Availability\**: May 2012  
*Qual Data Availability*: May 2012  
*Production Shipments*: May 2012

##### 50nm Product:

*Last Time Buy\*\**: 30-Nov-2012  
*Last Time Ship\*\**: 31-May-2013

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#### Qualification Plan:

Products manufactured on the 30nm process node 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.