



Micron Technology, Inc.  
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## Automotive, PLP, and Wafer EOL of Micron 4Gb DDR3 30nm Product (V80A)

PCN: 31724

Published: 2016-01-29

<b>Type:</b>	Die Shrink/Technology Transition, End of Life
<b>Description:</b>	Micron is announcing the EOL of Automotive, PLP, and Wafer 30nm DDR3 4Gb Parts (V80A) migrating to 20nm (V00H). With this change, solderball composition will change from SAC305 to SAC302. Micron has also increased the post reflow solderball size and solder pad size in order to improve SJR. Please refer to the datasheet for details of physical changes.
<b>Reason:</b>	Manufacturing Efficiency
<b>Product Affected:</b>	All 4Gb based 30nm DDR3 Auto, PLP, components and die. (V80A)

<b>Affected Micron Part Number</b>	<b>Recommended Replacement</b>	<b>Customer Part Number</b>
<u>Component</u>		
<b>MT41K256M16HA-125 AAT:E</b>	<b>MT41K256M16TW-107 AAT:P</b>	
<b>MT41K256M16HA-125 AIT:E</b>	<b>MT41K256M16TW-107 AIT:P</b>	
MT41K256M16HA-125 M AIT:E	MT41K256M16TW-107 AIT:P	
MT41K256M16HA-125 V:E	Contact Factory	
<b>MT41K256M16HA-125 XIT:E</b>	<b>MT41K256M16TW-107 XIT:P</b>	
MT41K512M8RH-125 AAT:E	MT41K512M8DA-107 AAT:P	
<b>MT41K512M8RH-125 AIT:E</b>	<b>MT41K512M8DA-107 AIT:P</b>	

MT41K512M8RH-125 M AIT:E                      MT41K512M8DA-107 AIT:P

MT41K512M8RH-125 V:E                      Contact Factory

MT41K512M8RH-125 XIT:E                      MT41K512M8DA-107 XIT:P

**MT41K512M8V80AWC1**                      **MT41K512M8V00HWC1**

Wafer

**MT41K256M16V80AWC1**                      **MT41K256M16V00HWC1**

\*Materials that have been ordered are in **bold**.

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<b>Method of Identification:</b>	Marketing Part Number
<b>Micron Sites Affected:</b>	All Sites
<b>Qualification Plan:</b>	New Product will be qualified according to Micron's standard qualification procedures
<b>Sample Available:</b>	2016-01-31
<b>Qual Data Available:</b>	2016-01-31
<b>Last Purchase Date*:</b>	2017-02-15
<b>Last Shipment Date:</b>	2018-02-15

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

*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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Thank you

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