



Product Change Notice

Micron PCN: 30713
 Date: 7/10/2012

Type of Change:	Manufacturing Process Change	
Title of Change:	Replacing PCN #30681 — 25nm NAND Flash Addition of Polyimide Die Coating for 16, 32 and 64Gb Based Products	
Description of Change:	<p>This PCN replaces PCN #30681, dated 6/1/2012. Changes to the list of affected part numbers in the "Products Affected" section have been highlighted. Also, dates specific to LGA parts have been provided in the "Product/Data Availability" section.</p> <p>Beginning approximately mid 2012, B74A, L72A, L73A, L74A, M72A, and M73A die will be manufactured with a polyimide die coating to improve manufacturability of multi-die packages and improve customer results for die-based products.</p>	
Reason for Change:	Better align industry standards, Optimization of Manufacturing Efficiency	
Contact Information:	<u>Marketing Contact</u> MIKE SEIBERT MSEIBERT@MICRON.COM Micron Technology, Inc.	<u>Engineering Contact</u> RYAN FISHER RFISHER@MICRON.COM Micron Technology, Inc.

Product Affected: All B74A, L72A, L73A, L74A, M72A, and M73A based products (die/wafer and packaged devices)

Affected Micron Part Numbers	Replacement Part Numbers
MT29F16G08ABACAM72A3WC1	MT29F16G08ABACAM72A3WC1P
MT29F32G08ABAAAM73A3WC1	MT29F32G08ABAAAM73A3WC1P
MT29F64G08CBAAAL74A3WC1	MT29F64G08CBAAAL74A3WC1P
MT29F64G08CBCABH1-12:A	MT29F64G08CBCABH1-12Z:A
MT29F128G08CECABH1-12:A	MT29F128G08CECABH1-12Z:A
MT29F256G08CMCABH2-12:A	MT29F256G08CMCABH2-12Z:A
MT29F64G08CBAAAWP:A	MT29F64G08CBAAAWP-Z:A
MT29F256G08CKCABH2-12:A	MT29F256G08CKCABH2-12Z:A
MT29F512G08CUCABH3-12:A	MT29F512G08CUCABH3-12Z:A
MT29F128G08CFAAAWP:A	MT29F128G08CFAAAWP-Z:A
MT29F256G08CJAAAWP:A	MT29F256G08CJAAAWP-Z:A
MT29F128G08CEAAAC5:A	MT29F128G08CEAAAC5-Z:A
MT29F256G08CKAAAC5:A	MT29F256G08CKAAAC5-Z:A
MT29F256G08CMAAAC5:A	MT29F256G08CMAAAC5-Z:A
MT29F512G08CUAAAC5:A	MT29F512G08CUAAAC5-Z:A
MT29F32G08ABAAAWP:A	MT29F32G08ABAAAWP-Z:A
MT29F32G08ABAAAWP-IT:A	MT29F32G08ABAAAWP-ITZ:A
MT29F32G08CBACAL73A3WC1	MT29F32G08CBACAL73A3WC1P
MT29F16G08ABACAWP:C	MT29F16G08ABACAWP-Z:C
MT29F16G08ABACAWP-IT:C	MT29F16G08ABACAWP-ITZ:C
MT29F32G08AFACAWP:C	MT29F32G08AFACAWP-Z:C
MT29F32G08AFACAWP-IT:C	MT29F32G08AFACAWP-ITZ:C

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



MT29F64G08AFAAAWP:A	MT29F64G08AFAAAWP-Z:A
MT29F64G08AFAAAWP-IT:A	MT29F64G08AFAAAWP-ITZ:A
MT29F128G08AJAAAWP:A	MT29F128G08AJAAAWP-Z:A
MT29F128G08AJAAAWP-IT:A	MT29F128G08AJAAAWP-ITZ:A
MT29F128G08AKAAAC5:A	MT29F128G08AKAAAC5-Z:A
MT29F128G08AKAAAC5-IT:A	MT29F128G08AKAAAC5-ITZ:A
MT29F128G08AMAAAC5:A	MT29F128G08AMAAAC5-Z:A
MT29F128G08AMAAAC5-IT:A	MT29F128G08AMAAAC5-ITZ:A
MT29F256G08AUAAAC5:A	MT29F256G08AUAAAC5-Z:A
MT29F256G08AUAAAC5-IT:A	MT29F256G08AUAAAC5-ITZ:A
MT29F32G08CBACAWP:C	MT29F32G08CBACAWP-Z:C
MT29F64G08CFACAWP:C	MT29F64G08CFACAWP-Z:C
MT29F64G08CECCBH1-12:C	MT29F64G08CECCBH1-12Z:C
MT29F64G08CFACBWP-12:C	MT29F64G08CFACBWP-12Z:C
MT29F64G08CBAABWP-12:A	MT29F64G08CBAABWP-12Z:A
MT29F256G08CJAABWP-12:A	MT29F256G08CJAABWP-12Z:A
MT29F128G08CFAABWP-12:A	MT29F128G08CFAABWP-12Z:A
MT29F16G08ABCCBH1-10IT:C	MT29F16G08ABCCBH1-10ITZ:C
MT29F64G08CBEABL74A3WC1	MT29F64G08CBEABL74A3WC1P
MT29F16G08ABCCBH1-10:C	MT29F16G08ABCCBH1-10Z:C
MT29F32G08CBACAWP-IT:C	MT29F32G08CBACAWP-ITZ:C
MT29F32G08CBECBL73A3WC1	MT29F32G08CBECBL73A3WC1P
MT29F32G08CFACAWP:C	MT29F32G08CFACAWP-Z:C
MT29F16G08CBACAL72A3WC1	MT29F16G08CBACAL72A3WC1P
MT29F16G08CBACAWP:C	MT29F16G08CBACAWP-Z:C
MT29F64G08EBAAAB74A3WC1	MT29F64G08EBAAAB74A3WC1P
MT29F64G08EBAAAWP:A	MT29F64G08EBAAAWP-Z:A
MT29F64G08EBAABWP-12:A	MT29F64G08EBAABWP-12Z:A
MT29F128G08AMCABH2-10IT:A	MT29F128G08AMCABH2-10ITZ:A
MT29F128G08AKCABH2-10IT:A	MT29F128G08AKCABH2-10ITZ:A
MT29F256G08AUCABH3-10IT:A	MT29F256G08AUCABH3-10ITZ:A
MT29F32G08ABCABH1-10:A	MT29F32G08ABCABH1-10Z:A
MT29F128G08AKCABH2-10:A	MT29F128G08AKCABH2-10Z:A
MT29F32G08ABCABH1-10IT:A	MT29F32G08ABCABH1-10ITZ:A
MT29F128G08AMCABH2-10:A	MT29F128G08AMCABH2-10Z:A
MT29F64G08AECABH1-10:A	MT29F64G08AECABH1-10Z:A
MT29F256G08AUCABH3-10:A	MT29F256G08AUCABH3-10Z:A
MT29F64G08AECABH1-10IT:A	MT29F64G08AECABH1-10ITZ:A
MT29F64G08CBAAAWP-IT:A	MT29F64G08CBAAAWP-ITZ:A
MT29F16G08CBECBL72A3WC1	MT29F16G08CBECBL72A3WC1P
MT29F128G08EFAAWP:A	MT29F128G08EFAAWP-Z:A
MT29F128G08CFAAWP-IT:A	MT29F128G08CFAAWP-ITZ:A

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MT29F128G08CECABH1-10:A	MT29F128G08CECABH1-10Z:A
MT29E128G08CECABJ1-10:A	MT29E128G08CECABJ1-10Z:A
MT29E256G08CMCABJ2-10:A	MT29E256G08CMCABJ2-10Z:A
MT29F16G08CBACAH5:C	MT29F16G08CBACAH5-Z:C
MT29F128G08AMCABK3-10:A	MT29F128G08AMCABK3-10Z:A
MT29F128G08AMCABK3-10IT:A	MT29F128G08AMCABK3-10ITZ:A
MT29F256G08AUCABK4-10:A	MT29F256G08AUCABK4-10Z:A
MT29F256G08AUCABK4-10IT:A	MT29F256G08AUCABK4-10ITZ:A
MT29F32G08AECCBH1-10IT:C	MT29F32G08AECCBH1-10ITZ:C
MT29F32G08AECCBH1-10:C	MT29F32G08AECCBH1-10Z:C
MT29F256G08CJAAAWP-P:A	MT29F256G08CJAAAWP-PZ:A
MT29F256G08CUCCBH3-12:C	MT29F256G08CUCCBH3-12Z:C
MT29F64G08CBCABH1-10:A	MT29F64G08CBCABH1-10Z:A
MT29F32G08CFACBWP-12:C	MT29F32G08CFACBWP-12Z:C
MT29F64G08CECCBH1-12IT:C	MT29F64G08CECCBH1-12ITZ:C
MT29F256G08CMCABH2-12IT:A	MT29F256G08CMCABH2-12ITZ:A
MT29F16G08CBACAWP-IT:C	MT29F16G08CBACAWP-ITZ:C
MT29F128G08CECABH1-12IT:A	MT29F128G08CECABH1-12ITZ:A
MT29F64G08AEAAAC5-IT:A	MT29F64G08AEAAAC5-ITZ:A
MT29F64G08AEAAAC5:A	MT29F64G08AEAAAC5-Z:A
MT29F256G08CMCABH2-10:A	MT29F256G08CMCABH2-10Z:A
MT29F256G08CKCABH2-10:A	MT29F256G08CKCABH2-10Z:A
MT29F256G08CMCABH2-10P:A	MT29F256G08CMCABH2-10PZ:A
MT29F64G08CBCABH1-10P:A	MT29F64G08CBCABH1-10PZ:A
MT29F256G08CKCABH2-10P:A	MT29F256G08CKCABH2-10PZ:A
MT29F128G08CECABH1-10P:A	MT29F128G08CECABH1-10PZ:A
MT29F512G08CUCABH3-10P:A	MT29F512G08CUCABH3-10PZ:A
MT29F256G08EJAAAWP:A	MT29F256G08EJAAAWP-Z:A
MT29F64G08EBEABB74A3WC1	MT29F64G08EBEABB74A3WC1P
MT29F512G08CUCABH3-10:A	MT29F512G08CUCABH3-10Z:A
MT29E512G08CUCABJ3-10:A	MT29E512G08CUCABJ3-10Z:A
MT29F128G08CKCCBH2-12:C	MT29F128G08CKCCBH2-12Z:C
MT29F128G08CFAAWP-R:A	MT29F128G08CFAAWP-RZ:A
MT29F128G08CECABH1-10R:A	MT29F128G08CECABH1-10RZ:A
MT29F256G08CJAAAWP-R:A	MT29F256G08CJAAAWP-RZ:A
MT29F256G08CMCABH2-10R:A	MT29F256G08CMCABH2-10RZ:A
MT29F512G08CUCABH3-10R:A	MT29F512G08CUCABH3-10RZ:A
MT29F256G08CMCABK3-10:A	MT29F256G08CMCABK3-10Z:A
MT29F512G08CUCABK4-10:A	MT29F512G08CUCABK4-10Z:A
MT29F256G08CKCABH2-10R:A	MT29F256G08CKCABH2-10RZ:A
MT29F128G08EFAABWP-12:A	MT29F128G08EFAABWP-12Z:A
MT29F256G08EJAABWP-12:A	MT29F256G08EJAABWP-12Z:A



MT29F256G08CUCCBK4-12:C	MT29F256G08CUCCBK4-12Z:C
MT29F128G08CKCCBK3-12:C	MT29F128G08CKCCBK3-12Z:C
MT29F16G08ABECBM72A3WC1	MT29F16G08ABECBM72A3WC1P
MT29F32G08ABEABM73A3WC1	MT29F32G08ABEABM73A3WC1P
MT29F16G08CBACBWP-12:C	MT29F16G08CBACBWP-12Z:C
MT29F64G08AKCCBH2-10:C	MT29F64G08AKCCBH2-10Z:C
MT29F64G08AKCCBH2-10IT:C	MT29F64G08AKCCBH2-10ITZ:C
MT29F64G08CBCABJ1-10:A	MT29F64G08CBCABJ1-10Z:A
MT29F128G08CECABJ1-10:A	MT29F128G08CECABJ1-10Z:A
MT29F256G08CMCABJ2-10:A	MT29F256G08CMCABJ2-10Z:A
MT29F512G08CUCABJ3-10:A	MT29F512G08CUCABJ3-10Z:A
MT29F32G08CBCCBH1-12:C	MT29F32G08CBCCBH1-12Z:C
MT29F512G08CUCABH3-10IT:A	MT29F512G08CUCABH3-10ITZ:A
MT29F64G08CBCABH6-10ITR:A	MT29F64G08CBCABH6-10ITRZ:A
MT29F512G08CUCABJ3-10R:A	MT29F512G08CUCABJ3-10RZ:A
MT29F128G08AMCABJ2-10:A	MT29F128G08AMCABJ2-10Z:A
MT29F256G08AUCABJ3-10:A	MT29F256G08AUCABJ3-10Z:A
MT29F128G08CECABJ1-10R:A	MT29F128G08CECABJ1-10RZ:A
MT29F256G08CMCABJ2-10R:A	MT29F256G08CMCABJ2-10RZ:A
MT29F64G08AECABJ1-10:A	MT29F64G08AECABJ1-10Z:A
MT29F256G08CJAAAWP-IT:A	MT29F256G08CJAAAWP-ITZ:A
MT29F512G08CUCABH3-12IT:A	MT29F512G08CUCABH3-12ITZ:A
MT29F64G08CBCABH1-12IT:A	MT29F64G08CBCABH1-12ITZ:A
MT29F256G08CJAABWP-12R:A	MT29F256G08CJAABWP-12RZ:A
MT29F128G08CECABJ1-10ITR:A	MT29F128G08CECABJ1-10ITRZ:A
MT29E256G08CMCABJ2-10IT:A	MT29E256G08CMCABJ2-10ITZ:A

Method of Identification: New marketing part number

Micron Sites Affected: All Sites

Product/Data Availability

	BGA/TSOP/Wafer(die)	LGA
With Polyimide Die Coat:		
<i>Sample Availability*:</i>	May 2012	Feb 2013
<i>Qual Data Availability**:</i>	May 2012	Feb 2013
<i>Production Shipments*:</i>	October 2012	June 2013
Without Polyimide Die Coat:		
<i>Last Time Buy*:</i>	31-Oct-2012	30-Jun-2013
<i>Last Time Ship*:</i>	30-Apr-2013	31-Dec-2013

* Please contact factory for product availability dates pertinent to your specific product.

** Data packet demonstrating the intrinsic reliability of Micron's polyimide die coating process is available upon request.

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



Qualification Plan:

Addition of Polyimide Die Coating will be qualified according to Company qualification procedure and best practices. Qualification plan will be available upon request.
