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PTI Xian China Non-Automotive Z90B, U88B and U87B Qualification.

PCN: 31968

Published: 2016-05-27

Type: Manufacturing Site – Change or Addition, Material Change - Product

Description: This PCN replaces PCN 31932, which was retracted due to an incorrect Part Number list.

Micron is adding a new assembly subcontractor site for U88B, U87B and Z90B components.

- For U88B and U87B, along with the assembly site change, the solder ball composition will also change from SAC305 in ASECL to SAC302 in PTI Xian.
- For Z90B, there is no change in solder ball composition with SAC302 used both in PTI-TW (current site) and PTI Xian (new site).

This notice does not cover the Automotive grade parts. They will be covered by an additional PCN which will align with the Automotive qualification of the facility.

Reason: Improved Product Quality and Reliability, Manufacturing Efficiency

Product Affected: U88B, U87B and Z90B FBGA single die components

Affected Micron Part Number	Recommended Replacement	Customer Part Number
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Component

MT40A1G4RH-075E:B		
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MT40A1G4RH-083E:B		
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MT40A256M16GE-062E IT:B		
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MT40A256M16GE-062E:B		
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MT40A256M16GE-075E IT:B		
MT40A256M16GE-075E:B		
MT40A256M16GE-083E IT:B		
MT40A256M16GE-083E:B		
MT40A512M8RH-062E:B		
MT40A512M8RH-075E IT:B		
MT40A512M8RH-075E:B		
MT40A512M8RH-083E IT:B		
MT40A512M8RH-083E:B		
MT47H128M4SH-25E:H		
MT47H128M8CF-25E:M		
MT47H128M8SH-187E:M		
MT47H128M8SH-25E IT:M		
MT47H128M8SH-25E:M		MT47H128M8SH-25E:M-ND
MT47H256M4SH-25E:M		
MT47H32M16NF-187E:H		
MT47H32M16NF-25E IT:H		
MT47H32M16NF-25E:H		MT47H32M16NF-25E:H-ND
MT47H64M16NF-187E:M		
MT47H64M16NF-25E IT:M		MT47H64M16NF-25E IT:M-ND
MT47H64M16NF-25E XIT:M		
MT47H64M16NF-25E:M		MT47H64M16NF-25E:M-ND
MT47H64M8SH-187E:H		
MT47H64M8SH-25E IT:H		
MT47H64M8SH-25E:H		MT47H64M8SH-25E:H-ND

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

Method of Identification:	Country of assembly in the part mark.
Micron Sites Affected:	Subcontractor
Qualification Plan:	Product will follow Micron's standard qualification processes.
Sample Available:	2016-08-08
Qual Data Available:	2016-08-29

Product Ship Date: 2016-08-29

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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