PRODUCT CHANGE NOTICE

Alternate Manufacturing Site for Assembly of the Listed Intersil SOIC Packaged Products

Refer to: PCN13026

Date: April 1, 2013



April 1, 2013

To: Our Valued Intersil Customer

Subject: Alternate Manufacturing Site for Assembly of the Listed Intersil SOIC Packaged Products – Amkor Technology, Philippines (ATP)

This notice is to inform you that Intersil will begin using Amkor Technology (ATP) facility in the Philippines as an alternate site for assembly of the listed SOIC (Small Outline Integrated Circuit) packaged products. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements. The product and site-specific qualification activities are in progress and expected to complete during Q2 CY2013.

The Amkor Technology (ATP) facility is ISO 9001:2008, TS 16949:2009, and ISO 14001:2004 certified. The ATP facility is qualified as a supplier to Intersil for performing assembly of packaged products, including the SOIC package style. There will be no change in the lead frame material, package outline drawing (POD), mold compound, die attach, bond wire (material or diameter), or moisture sensitivity level (MSL).

The assembly qualification plan is designed using JEDEC and other applicable industry standards to confirm there is no impact to form, fit, function, or interchangeability of the product. A summary of the qualification plan is included for reference. The qualification results will be available for review upon completion by request. The remainder of the manufacturing operations (wafer fabrication, package level electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems.

Product affected by this change is identifiable via Intersil's internal traceability system. In addition, product assembled at ATP may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at ATP with gold bond wire is "L".

Intersil will take all necessary actions to conform to agreed upon customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to receive product assembled at either the current or the newly qualified sites beginning *ninety* days from the date of this notification or earlier with approval.

If you have concerns with this change notice, Intersil must hear from you promptly. Please contact the nearest Intersil Sales Office or call the Intersil Corporate line at 1-888-468-3774, in the United States, or 1-321-724-7143 outside of the United States.

Regards,

Jon Brewster

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Intersil Corporation PCN13026

CC: J. Touvell D. Decrosta D. Foster S. Nadarajah F. Tsng S. Ang B. Lee D. Singh



| PCN13026 - ATP Reliability Qualification Plan | | | | | |
|--|------------|--------------------------------|--------------------------------|--|--|
| | | | | | |
| Stress / Conditions | Duration | ISL6721ABZ 16I SOIC | ISL6744ABZ 8I SOIC | | |
| High Temperature Storage T _A = +150C | 1000 Hours | N =78 Acc = 0 | N =78 Acc = 0 | | |
| Moisture Sensitivity Classification | | N =22 Acc = 0 L2 PBFREE | N =22 Acc = 0 L1 PBFREE | | |
| Unbiased HAST +130C / 85% RH | 96 Hours | N =78 Acc = 0 | N =78 Acc = 0 | | |
| Temp Cycle +150C / -65C | 500 Cycles | N =78 Acc = 0 | N =78 Acc = 0 | | |
| Biased HAST +130C / 85% RH | 96 Hours | QBE -SRN120473 ISL6118HIBZA | QBE -SRN120473 ISL6118HIBZA | | |
| Qual In Progress | | | | | |

PCN13026 - Products Affected

| ISL3153EIBZ | ISL6605CBZ-TR5168 | ISL6841IBZ | ISL8702IBZ-T |
|------------------|-------------------|----------------|------------------|
| ISL3153EIBZ-T | ISL6605IBZ | ISL6841IBZ-T | ISL8703AIBZ |
| ISL3153EIBZ-T7A | ISL6605IBZ-T | ISL6842IBZ | ISL8703AIBZ-T |
| ISL3155EIBZ | ISL6610ACBZ | ISL6842IBZ-T | ISL8704AIBZ |
| ISL3155EIBZ-T | ISL6610ACBZ-T | ISL6845IBZ | ISL8704AIBZ-T |
| ISL3155EIBZ-T7A | ISL6610AIBZ | ISL6845IBZ-T | ISL8705AIBZ |
| ISL3158AEMBZ | ISL6610AIBZ-T | ISL81485IBZ | ISL8705AIBZ-T |
| ISL3158AEMBZ-T | ISL6614BCBZ | ISL81485IBZ-T | ISL8840AABZ |
| ISL3158AEMBZ-T7A | ISL6614BCBZ-T | ISL81486IBZ | ISL8840AABZ-T |
| ISL3174EIBZ | ISL6614BIBZ | ISL81486IBZ-T | ISL8840AMBEPZ |
| ISL3174EIBZ-T | ISL6614BIBZ-T | ISL83083EIBZ | ISL8840AMBEPZ-TK |
| ISL3178AEMBZ | ISL6615ACBZ | ISL83083EIBZ-T | ISL8840AMBZ |
| ISL3178AEMBZ-T | ISL6615ACBZ-T | ISL83085EIBZ | ISL8840AMBZ-T |
| ISL4489EIBZ | ISL6615AIBZ | ISL83085EIBZ-T | ISL8841AABZ |
| ISL4489EIBZ-T | ISL6615AIBZ-T | ISL8488EIBZA | ISL8841AABZ-T |
| ISL6207CBZ | ISL6622BCBZ | ISL8488EIBZA-T | ISL8841AMBEPZ |
| ISL6207CBZ-T | ISL6622BCBZ-T | ISL8488IBZ | ISL8841AMBEPZ-TK |
| ISL6207HBZ | ISL6622BIBZ | ISL8488IBZ-T | ISL8841AMBZ |
| ISL6207HBZ-T | ISL6622BIBZ-T | ISL8489EIBZ | ISL8841AMBZ-T |
| ISL6209CBZ | ISL6622CBZ-T | ISL8489EIBZ-T | ISL8843ABZ |
| ISL6209CBZ-T | ISL6721ABZ-T | ISL8700AIBZ | ISL8843ABZ-T |
| ISL6294IBZ | ISL6740IBZ | ISL8700AIBZ-T | ISL8843MBZ |
| ISL6294IBZ-T | ISL6740IBZ-T | ISL8701AIBZ | ISL8843MBZ-T |
| ISL6535CBZ-T | ISL6741IBZ | ISL8701AIBZ-T | ISL8845AABZ |
| ISL6605CBZ | ISL6741IBZ-T | ISL8701IBZ | ISL8845AABZ-T |
| ISL6605CBZA | ISL6744ABZ | ISL8701IBZ-T | ISL8845AMBEPZ |
| ISL6605CBZA-T | ISL6744ABZ-T | ISL8702AIBZ | ISL8845AMBEPZ-TK |
| ISL6605CBZR5168 | ISL6744ABZ-TR5231 | ISL8702AIBZ-T | ISL8845AMBZ |
| ISL6605CBZ-T | ISL6744ABZ-TR5252 | ISL8702IBZ | ISL8845AMBZ-T |
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