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# **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  
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 <sub>A</sub> = +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