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# **PRODUCT CHANGE NOTICE**

## **Alternate Manufacturing Facilities for Assembly of the Listed Intersil QFN Packaged Products**

**Refer to:  
PCN14022**

**Date: April 04, 2014**

April 04, 2014

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Facilities for Assembly of the Listed Intersil QFN Packaged Products – Amkor (ATP), Muntinlupa City, Philippines**

This notice is to inform you that Intersil will begin using the Amkor (ATP) facility as an alternate site for assembly of the listed QFN (Quad Flat No-Lead) packaged products. The current facility STATS ChipPAC (SCM) located in Kuala Lumpur, Malaysia has officially announced plant closure by end of year 2014. The hyperlink to the announcement is <http://www.statschippac.com/news/newscenter/2013/news06282013.aspx>. As of the date of this notice, the product and site-specific qualification activities at the Amkor (ATP) facility is complete.

The Amkor (ATP) facility is ISO 9001:2008 and ISO/TS 16949:2009 certified. ATP is qualified as primary supplier to Intersil for high volume assembly of QFN packaged products. There is no change in the MSL (moisture sensitivity level) or POD (package outline drawing).

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. The remainder of the manufacturing operations (wafer fabrication, package level electrical testing, 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 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 SCM or ATP facility 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,





Jeff Touvell  
Intersil Corporation

PCN14022

CC: D. Decrosta S. Ang C. Dunlap T. Wolter

# PCN14022 – Amkor Reliability Qualification Results

Stress / Conditions	Duration	ZL1505ALNFT 10 lead 3X3 DFN	ZL2105ALNF 36 lead 6X6 QFN	ZL2006ALNF 36 lead 6X6 QFN
Moisture Sensitivity Classification		N = 22 Acc = 0 L2 PBFREE	N = 22 Acc = 0 L2 PBFREE	N/A
Biased HAST +130C / 85% RH	96 Hrs	N/A	N = 77 Acc = 0	N = 77 Acc = 0
Autoclave/PCT +121C / 100% RH	96 Hrs	N/A	N/A	N = 77 Acc = 0
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N/A	N/A
Temp Cycle +125C / -55C	1000 Cy	N = 78 <sup>1</sup> Acc = 0	N = 77 Acc = 0	N = 77 Acc = 0
High Temperature Storage T <sub>A</sub> = +150C	1000 Hrs	N = 78 Acc = 0	N/A	N = 77 Acc = 0

 Qualification Completed & Passed  
 Qualification by Extension

1 TC 150C to -65C for 500 cycles

## PCN14022 – Affected Products

ZL1505ALNFT      ZL1505ALNFT6      ZL8800ALAF TK  
 ZL1505ALNFT1      ZL8800ALAF T      ZL8800ALAF TKR5637  
 ZL1505ALNFT1S2568      ZL8800ALAF T7A      ZL8800ALAF TKS2568