
PRODUCT CHANGE NOTICE

**Alternate Manufacturing Site
for Assembly of the Listed
Intersil DFN/QFN Packaged
Products**

**Refer to:
PCN13063**

Date: November 20, 2013

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To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Site for Assembly of the Listed Intersil DFN/QFN Packaged Products –Carsem (CAS) Ipoh, Malaysia**

This notice is to inform you that Intersil will begin using the Carsem (CAS) facility as an alternate site for assembly of the listed DFN/QFN (Dual/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>; The product and site-specific qualification activities are complete.

The Carsem (CAS) facility is ISO 9001:2008 and ISO/TS 16949:2009 certified and currently qualified as a primary supplier to Intersil for assembly of DFN/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. A summary of the qualification results are included for reference. 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 Carsem may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at Carsem using copper bond wire material is "X".

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 site 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

PCN13063

CC: D. Decrosta S. Nadarajah S. Ang D. Singh J. Wei B. Sampath

PCN13063 – Carsem Reliability Qualification Results

Stress / Conditions	Duration	ISL6312CRZ-T (48 lead 7X7 QFN)	ISL6620IRZ-T (10 lead 3X3 DFN)
Moisture Sensitivity Classification		N = 66 Acc = 0 L3 PBFREE	N = 66 Acc = 0 L3 PBFREE
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0
Temp Cycle +150C / -65C	500 Cy	N = 240 Acc = 0	N = 240 Acc = 0
Biased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N/A
High Temperature Storage T _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 77 Acc = 0

 Qualification by Extension, Completed & Passed

PCN13063 – Products Affected

ISL6262ACRZ	ISL6323BCRZR5381	ISL6334ACRZ	ISL6364CRZ
ISL6262ACRZ-T	ISL6323BCRZ-T	ISL6334ACRZ-T	ISL6364CRZS2738
ISL6262ACRZ-TS2568	ISL6323BCRZ-TR5381	ISL6334ACRZ-TS2568	ISL6364CRZ-T
ISL6266AHRZ	ISL6326CRZ	ISL6334AIRZ	ISL6364CRZ-TS2490
ISL6266AHRZ-T	ISL6326CRZ-T	ISL6334AIRZ-T	ISL6364CRZ-TS2568
ISL62881HRTZ	ISL6326CRZ-TS2701	ISL6334AIRZ-TS2705	ISL6364CRZ-TS2738
ISL62881HRTZ-T	ISL6326CRZ-TS2705	ISL6334CRZ	ISL6364IRZ
ISL6308CRZ	ISL6333ACRZ	ISL6334CRZ-T	ISL6364IRZ-T
ISL6308CRZ-T	ISL6333ACRZ-T	ISL6334CRZ-TS2568	ISL6364IRZ-TS2705
ISL6308CRZ-TR5372	ISL6333ACRZ-TS2568	ISL6334CRZ-TS2701	ISL6366CRZ
ISL6308CRZ-TS2568	ISL6333ACRZ-TS2705	ISL6334DCRZ	ISL6366CRZ-T
ISL6308CRZ-TS2701	ISL6333AIRZ	ISL6334DCRZ-T	ISL6366CRZ-TK
ISL6308IRZ-TS2568	ISL6333AIRZ-T	ISL6334DIRZ	ISL6366CRZ-TS2490
ISL6323ACRZR5381	ISL6333AIRZ-TS2705	ISL6334DIRZ-T	ISL6366CRZ-TS2568
ISL6323ACRZ-TR5381	ISL6333CRZ	ISL6334IRZ	ISL6366IRZ
ISL6323ACRZ-TS2701	ISL6333CRZ-T	ISL6334IRZ-T	ISL6366IRZ-T
ISL6323BCRZ	ISL6333CRZ-TS2568	ISL6334IRZ-TS2705	