
PRODUCT CHANGE NOTICE

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

**Refer to:
PCN14033**

Date: June 18, 2014

June 18, 2014

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Facilities for Assembly of the Listed Intersil 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 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 Carsem (CAS) facility is complete.

Products affected:

Intersil Part Number	Vendor Item Drawing
ISL65426MREPZ-TK	V62/07639-01XB
ISL65426MREPZ	V62/07639-01XB

The Carsem (CAS) facility is ISO 9001:2008 and ISO/TS 16949:2009 certified. CAS 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 CAS may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at CAS is "F".

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 CAS facilities 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

PCN14033

CC: D. Decrosta S. Ang D. Bruss R. Pitts

PCN14033 – Reliability Qualification Results

Stress / Conditions	Duration	HA9Q-53091ZR5141 48 lead 7X7 QFN	ISL15361RZ-T13 16 lead 4X4 QFN	ISL551431RZ 36 lead 6X6 TQFN	ISL6522BIRZ-T 16 lead 5X5 QFN	ISL65426MREPZ 50 lead 5X10 QFN
Moisture Sensitivity Classification		N = 22 Acc = 0 L3 PBFREE	N = 22 Acc = 0 L3 PBFREE	N = 22 Acc = 0 L2 PBFREE	N = 22 Acc = 0 L3 PBFREE	N = 22 Acc = 0 L2 PBFREE
Temperature/Humidity/Bias +85C / 85% RH	1000 Hrs	N/A	N/A	N = 45 Acc = 0	N/A	N/A
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 47 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
Temp Cycle +150C / -65C	500 Cy	N = 78 Acc = 0	N = 78 Acc = 0	N = 47* Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
High Temperature Storage T _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 45 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0

* - Temperature cycle +125°C to -40°C, 1000 cycles

Qualification Completed & Passed
Qualification by Extension