

# **PRODUCT CHANGE NOTICE**

**Alternate Manufacturing  
Facility for Assembly of  
the Listed Intersil  
TQFN/QFN Packaged  
Products**

**Refer to:  
PCN14038**

**Date: July 21, 2014**

July 21, 2014

To: Our Valued Intersil Customers

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

This notice is to inform you that Intersil will begin using the Carsem (CAS) facility in Ipoh Malaysia as an alternate site for assembly of the listed TQFN/QFN (Quad Flat No-Lead/Thin Quad Flat No-Lead) packaged products. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements. As of the date of this notice, the product and site-specific qualification activities at the Carsem (CAS) facility are complete.

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 TQFN/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 "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 CAS 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,



Jeffrey Touvell

Intersil Corporation

PCN14038

CC: SH Ang D. DeCrosta J. Wei

## PCN14038 – Reliability Qualification Results

Stress / Conditions	Duration	ISL62883CHRTZ 40 lead 5X5 TQFN	ISL95870BHRZ 20 lead 3X4 QFN
Moisture Sensitivity Classification		N = 66 Acc = 0 L3 PBFREE	N = 66 Acc = 0 L3 PBFREE
Biased HAST +130C / 85% RH	192 Hrs	N = 81 Acc = 0	N/A
Unbiased HAST +130C / 85% RH	96 Hrs	N = 90 Acc = 0	N = 90 Acc = 0
Temp Cycle +150C / -65C	500 Cy	N = 255 Acc = 0	N = 255 Acc = 0
High Temperature Storage T <sub>A</sub> = +150C	1000 Hrs	N = 225 Acc = 0	N = 134 Acc = 0

Qualification by Extension

## PCN14038 – Affected Products

ISL88731CHRTZ    ISL88732HRTZR5601    ISL95835HRZ    ISL95837HRZ  
 ISL88731CHRTZ-T    ISL88732HRTZ-TR5601    ISL95835HRZ-T    ISL95837HRZ-T