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# **PRODUCT CHANGE NOTICE**

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

**Refer to:  
PCN14027**

**Date: May 07, 2014**

May 07, 2014

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Facilities for Assembly of the Listed Intersil ODFN Packaged Products**  
– Hana Microelectronics, Lamphum, Thailand

This notice is to inform you that Intersil will begin using the Hana Microelectronics (HML) facility as an alternate site for assembly of ODFN (Optical Dual Flat No-Lead Plastic) 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 Hana (HML) facility are complete.

The Hana (HML) facility is ISO 9001:2008 and ISO/TS 16949:2009 certified. Hana is qualified as primary supplier to Intersil for high volume assembly of ODFN 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 Hana may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at Hana is "E".

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 Dominant or Hana 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

PCN14027

CC: B. Lee S. Aji R. Elali W. Rowe

# PCN14027 – Hana Reliability Qualification Results

Stress / Conditions	Duration	ISL29035	ISL29034
		6 lead 1.5X.16 HODFN	6 lead 1.5X.16 HODFN
Temperature/Humidity/Bias +85C / 85% RH	1000 Hrs	N = 57 Acc = 0	N = 87 Acc = 0
High Temperature Operating Life +105C	1000 Hrs	N = 80 Acc = 0	N = 80 Acc = 0
Unbiased HAST +110C / 85% RH	264 Hrs	N = 68 Acc = 0	N = 88 Acc = 0
Temp Cycle +105C / -40C	1000 Cy	N = 68 Acc = 0	N = 86 Acc = 0

Qualification by Extension

## PCN14027 – Affected Products

ISL29023IROZ-T7

ISL29023IROZ-T7S2568

ISL29033IROZ-T7