

## Product Change Notice (PCN)

**Subject:** Additional assembly facility of the Listed Intersil ODFN Packaged Products

**Publication Date:** 12/7/2015

**Effective Date:** 3/6/2016

**Revision Description:**

Initial Release

**Description of Change:**

Additional assembly facility of the Listed Intersil ODFN Packaged Products  
- Hana Microelectronics Public Co. Ltd., Lampun2 facility, Lamphun, Thailand

**Reason for Change:**

This notice is to inform you that Intersil will begin using Hana Microelectronics Lamphun2 facility as additional assembly facility of the listed Intersil ODFN (Optical Dual Flat No Lead Plastic) packaged products which currently assembled at Hana Microelectronics Lamphun1 facility, Thailand. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements. The Hana Microelectronics Lamphun2 facility is ISO9001:2008 and ISO/TS16949:2009 certified.

**Impact on fit, form, function, quality & reliability:**

The assembly qualification plan is designed using JEDEC and other applicable industry standards to confirm there is no impact on the form, fit, function, quality, reliability and environmental compliance of the devices. A summary of the qualification results is shown in Appendix B. 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 Identification:**

Product affected by this change is identifiable via Intersil's internal traceability system. In addition, product assembled at Hana Lamphun2 may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at Lamphun2 is "E".

**Qualification status:** Completed site qualification , see attached

**Sample availability:** 12/14/2015

**Device material declaration:** Available upon request

*Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Intersil within 30 days of the publication date.*

For additional information regarding this notice, please contact your regional change coordinator (below)			
Americas: <a href="mailto:PCN-US@INTERSIL.COM">PCN-US@INTERSIL.COM</a>	Europe: <a href="mailto:PCN-EU@INTERSIL.COM">PCN-EU@INTERSIL.COM</a>	Japan: <a href="mailto:PCN-JP@INTERSIL.COM">PCN-JP@INTERSIL.COM</a>	Asia Pac: <a href="mailto:PCN-APAC@INTERSIL.COM">PCN-APAC@INTERSIL.COM</a>

Appendix A - Affected Products List (see attached)

**Product List**

ISL29011IROZ-T7	ISL29028AIROZT7S2720
ISL29011IROZ-T7S2426	ISL29028AIROZT7S2724
ISL29011IROZ-T7S2720	ISL29028AIROZT7S2744
ISL29011IROZ-T7S2722	ISL29030AIROZ-T7
ISL29011IROZ-T7S2724	ISL29030AIROZT7S2744
ISL29011IROZ-T7S2726	ISL29030IROZ-T7
ISL29011IROZ-T7S2728	ISL29030IROZ-T7R5430
ISL29020IROZ-T7	ISL29030IROZ-T7S2426
ISL29020IROZ-T7A	ISL29033IROZ-T7
ISL29020IROZ-T7S2568	ISL29033IROZ-T7S2722
ISL29020IROZ-T7S2722	ISL29034IROZ-T7
ISL29021IROZ-T7	ISL29034IROZ-T7S2765
ISL29023IROZ-T7	ISL29035IROZ-T7
ISL29023IROZ-T7S2568	ISL29035IROZ-T7A
ISL29023IROZ-T7S2722	ISL29038IROZ-T7
ISL29023IROZ-T7S2744	ISL29038IROZ-T7S2426
ISL29023IROZ-T7S2766	ISL29038IROZ-T7S2722
ISL29026IROZ-T7	ISL29038IROZ-T7S2764
ISL29026IROZ-T7S2744	ISL29125IROZ-T7
ISL29028AIROZ-T7	ISL29125IROZ-T7A
ISL29028AIROZT7S2568	

Appendix B - Qualification Results (see attached)

Stress / Conditions	Duration	ISL29028AIROZ-T7 8 Leads ODFN Package 2.1mm x 2.0mm x 0.7mm	ISL29125IROZ-T7 6 Leads ODFN PACKAGE 1.65mm x 1.65mm x 0.70mm
Moisture Sensitivity Classification		N = 45 Acc = 0 L3 PB FREE	N = 45 Acc = 0 L3 PB FREE
Unbiased HAST (u-HAST) T <sub>a</sub> = +110°C , 85% RH	264 Hrs	N = 79 Acc = 0	N = 80 Acc = 0
Temp Cycle (TC) T <sub>a</sub> = +85°C / -40°C	1000 Cyc	N = 84 Acc = 0	N = 79 Acc = 0
High Temperature Operating Life (HTOL) T <sub>a</sub> = +105°C	1000 Hrs	N=84 Acc = 0	N=84 Acc = 0
Temperature Humidity Bias (THB) T <sub>a</sub> = +85°C , 85% RH	1000 Hrs	N = 80 Acc = 0	N = 80 Acc = 0

-  Qualified by Extension (QBE)
-  Qualification completed and passed