

PRODUCT CHANGE NOTICE

Wafer Fabrication Site Change for Listed Intersil Products

**Refer to:
PCN14050**

Date: August 8, 2014

August 8, 2014

To: Our Valued Intersil Customers

Subject: **Wafer Fabrication Site Change for Listed Intersil Products** – *Palm Bay, Florida*

This notice is to inform you that Intersil has qualified Intersil's Palm Bay, Florida facility for wafer fabrication of the listed C5 technology products. The change in wafer fabrication site is necessary as the XFAB facility in Dresden Germany has discontinued manufacturing of this technology. The process technology and product qualification activity is complete.

The Intersil Palm Bay, Florida facility is an ISO 9001:2008 and ISO/TS 16949:2002 certified wafer fabrication facility. The product and site qualification plans are 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 is included for reference. The remainder of the manufacturing operations (package assembly, package electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems. The ICP Test Report for the Palm Bay fabrication facility is located on Intersil's Environmental web site under Material Sub-Group: "Silicon"; Material "die" and the PDF file is titled Intersil Corporation. <http://www.intersil.com/en/support/environmental.html#WA>

There will be no change to the product data sheet specifications or external marking of the packaged products. Product affected by this change is identifiable via Intersil's internal traceability system.

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 manufactured from either the current or the newly qualified site upon successful completion of all qualification activities.

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

PCN14050

CC: M. Carmody P. Lee D. Hemmenway D. DeCrosta

PCN14050 – Palm Bay C5 Qualification Results

| Stress / Conditions | Duration | X5043S8IZ2.7AT1 SOICN | ISL60002DIH325Z SOT-23 | X9C103SIZT1 SOICN |
|--|------------|--------------------------------|--------------------------------|--------------------------------|
| Moisture Sensitivity Classification | | N = 44 Acc = 0 L1 PBFREE | N = 44 Acc = 0 L1 PBFREE | N = 44 Acc = 0 L1 PBFREE |
| High Temp Operating Life +125°C | 1000 Hours | N = 234 Acc = 0 | N = 160 Acc = 0 | N = 156 Acc = 0 |
| Unbiased HAST +130C / 85% RH | 96 Hrs | N = 78 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 = 78 Acc = 0 |
| Biased HAST +130C / 85% RH | 96 Hrs | N = 78 Acc = 0 | N = 96 Acc = 0 | N = 78 Acc = 0 |
| High Temperature Storage T _A = +150C | 1000 Hrs | N = 78 Acc = 0 | N = 78 Acc = 0 | N = 78 Acc = 0 |



Qualification Completed/Passed



Qualified by Extension

PCN14050 – Product List

| | | | |
|---------------------|---------------------|----------------------|---------------------|
| ISL21080CIH315Z-T7A | ISL60002BIH310Z-TK | ISL60002CIH311Z-TK | ISL60002DIH310Z-TK |
| ISL21080CIH315Z-TK | ISL60002BIH311Z-TK | ISL60002CIH312Z-TK | ISL60002DIH311Z-TK |
| ISL21080CIH320Z-TK | ISL60002BIH312Z-TK | ISL60002CIH318Z-TK | ISL60002DIH312Z-T7A |
| ISL21080CIH325Z-TK | ISL60002BIH318Z-TK | ISL60002CIH320Z-TK | ISL60002DIH312Z-TK |
| ISL21080CIH330Z-TK | ISL60002BIH320Z-T7A | ISL60002CIH325Z-T7A | ISL60002DIH318Z-TK |
| ISL21080CIH333Z-TK | ISL60002BIH320Z-TK | ISL60002CIH325Z-TK | ISL60002DIH320Z-TK |
| ISL21080DIH309Z-TK | ISL60002BIH325Z-T7A | ISL60002CIH326Z-TK | ISL60002DIH325Z-T7A |
| ISL21080DIH310Z-TK | ISL60002BIH325Z-TK | ISL60002CIH330Z-TK | ISL60002DIH325Z-TK |
| ISL21080DIH312Z-TK | ISL60002BIH326Z-TK | ISL60002DAH333Z-T7A | ISL60002DIH326Z-TK |
| ISL60002BAH333Z-T7A | ISL60002BIH330Z-TK | ISL60002DAH333Z-TK | ISL60002DIH330Z-T7A |
| ISL60002BAH333Z-TK | ISL60002CAH333Z-TK | ISL60002DIH310ZS2490 | ISL60002DIH330Z-TK |
| ISL60002BIH310Z-T7A | ISL60002CIH310Z-TK | ISL60002DIH310Z-T7A | |