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# **PRODUCT CHANGE NOTICE**

## **Wafer Fabrication Site Change for Listed Intersil Products**

**Refer to:  
PCN13058**

**Date: November 04, 2013**

November 04, 2013

To: Our Valued Intersil Customer

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

This notice is to inform you that Intersil is qualifying 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 current fabrication facilities (Yamaha and XFAB) have notified Intersil that they intend to discontinue manufacturing this technology. The site-specific process technology qualification activity is in progress and scheduled to complete December 15, 2013. The subsequent product evaluation activity is scheduled to complete in stages from December 15, 2013 through June 1, 2014.

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 plan is included for reference. The qualification results will be available for review upon completion by request. 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 beginning ninety days from the date of this notification or upon successful completion of 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

PCN13058

CC: D. Hemmenway H, Singh E. Kohler P. Lee C. Chiraphanda M. Carmody

# PCN13058 – Palm Bay C5 Technology Qualification Plan

Stress / Conditions	Duration	X5043S8IZ2.7AT1	X9C103SIZT1
High Temp Operating Life +125°C	1000 Hours	N = 234 Acc = 0	N = 156 Acc = 0
Moisture Sensitivity Classification		N = 44 Acc = 0 L1 PBFREE	N = 44 Acc = 0 L1 PBFREE
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0
Temp Cycle +150C / -65C	500 Cy	N = 78 Acc = 0	N = 78 Acc = 0
Biased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0
High Temperature Storage T <sub>A</sub> = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0
EEPROM Endurance 100000 cycles	100k cycles	Note 1	Note 1
EEPROM Retention T <sub>A</sub> = +150C	1000 Hrs	Note 1	Note 1

**Note 1: Endurance & Retention to meet or exceed current fab control**

Qualification Completed/Passed

## PCN13058 – Product List

ISL21007BFB812Z	ISL21009CFB841Z-TK	X5043S8IZT2	X5163S8Z-2.7T1
ISL21007BFB812Z-TK	ISL21009CFB850Z	X5043S8Z	X5163S8Z-4.5A
ISL21007BFB820Z	ISL21009CFB850Z-TK	X5043S8Z-2.7	X5163S8ZT1
ISL21007BFB820Z-TK	ISL21009DFB50ZR5314	X5043S8Z-2.7A	X5165S8IZ
ISL21007BFB825Z	ISL21009DFB50ZR5314T	X5043S8Z-2.7AT1	X5165S8IZ-2.7
ISL21007BFB825Z-TK	ISL21009DFB812Z	X5043S8Z-2.7T1	X5165S8IZ-2.7A
ISL21007BFB830Z	ISL21009DFB812Z-TK	X5043S8Z-4.5A	X5165S8IZ-2.7T1
ISL21007BFB830Z-TK	ISL21009DFB825Z	X5043S8ZT1	X5165S8IZ-4.5A
ISL21007CFB812Z	ISL21009DFB825Z-TK	X5045S8IZ	X5165S8IZT1
ISL21007CFB812Z-TK	ISL21009DFB841Z	X5045S8IZ-2.7	X5165S8Z
ISL21007CFB820Z	ISL21009DFB841Z-TK	X5045S8IZ-2.7A	X5165S8Z-2.7
ISL21007CFB820Z-TK	ISL21009DFB850Z	X5045S8IZ-2.7T1	X5165S8Z-2.7A
ISL21007CFB825Z	ISL21009DFB850ZS2705	X5045S8IZ-4.5A	X5165S8Z-2.7T1
ISL21007CFB825Z-TK	ISL21009DFB850Z-TK	X5045S8IZ-4.5AT1	X5165S8Z-4.5A
ISL21007CFB830Z	ISL21009DFB862Z	X5045S8IZT1	X5165S8ZT1
ISL21007CFB830Z-TK	ISL21009DFB862Z-TK	X5045S8Z	X5168S8IZ
ISL21007DFB812Z	X4003S8IZ	X5045S8Z-2.7	X5168S8IZ-2.7
ISL21007DFB812Z-TK	X4003S8IZ-2.7	X5045S8Z-2.7A	X5168S8IZ-2.7A
ISL21007DFB820Z	X4003S8IZ-2.7A	X5045S8Z-2.7T1	X5168S8IZ-2.7T1
ISL21007DFB820Z-TK	X4003S8IZ-4.5A	X5045S8Z-4.5A	X5168S8IZ-4.5A
ISL21007DFB825Z	X4003S8Z	X5045S8ZT1	X5168S8IZ-4.5AT1
ISL21007DFB825ZS2705	X4003S8Z-2.7	X5083S8IZ	X5168S8IZT1
ISL21007DFB825Z-TK	X4003S8Z-2.7A	X5083S8IZ-2.7	X5168S8Z
ISL21007DFB830Z	X4003S8Z-4.5A	X5083S8IZ-2.7A	X5168S8Z-2.7
ISL21007DFB830Z-TK	X4043S8IZ	X5083S8IZ-2.7AT1	X5168S8Z-2.7A
ISL21009BFB50ZR5314	X4043S8IZ-2.7	X5083S8IZ-2.7T1	X5168S8Z-2.7AT1
ISL21009BFB50ZR5314T	X4043S8IZ-2.7A	X5083S8IZ-2.7T2	X5168S8Z-2.7T1
ISL21009BFB812Z	X4043S8IZ-2.7AT1	X5083S8IZ-4.5A	X5168S8Z-4.5A
ISL21009BFB812Z-TK	X4043S8IZ-4.5A	X5083S8IZ-4.5AT1	X5168S8ZT1
ISL21009BFB825Z	X4043S8IZT1	X5083S8IZT1	X5169S8IZ
ISL21009BFB825ZS2568	X4043S8Z	X5083S8Z	X5169S8IZ-2.7
ISL21009BFB825Z-T7A	X4043S8Z-2.7	X5083S8Z-2.7	X5169S8IZ-2.7A
ISL21009BFB825Z-TK	X4043S8Z-2.7A	X5083S8Z-2.7A	X5169S8IZ-2.7T1
ISL21009BFB841Z	X4043S8Z-2.7AT1	X5083S8Z-2.7T1	X5169S8IZ-4.5A
ISL21009BFB841Z-TK	X4043S8Z-2.7T1	X5083S8Z-4.5A	X5169S8IZT1
ISL21009BFB850Z	X4043S8Z-4.5A	X5163S8IZ	X5169S8Z
ISL21009BFB850ZS2568	X4043S8ZT1	X5163S8IZ-2.7	X5169S8Z-2.7
ISL21009BFB850Z-TK	X5043S8IZ	X5163S8IZ-2.7A	X5169S8Z-2.7A
ISL21009CFB50ZR5314	X5043S8IZ-2.7	X5163S8IZ-2.7T1	X5169S8Z-2.7T1
ISL21009CFB50ZR5314T	X5043S8IZ-2.7A	X5163S8IZ-4.5A	X5169S8Z-4.5A
ISL21009CFB812Z	X5043S8IZ-2.7AT1	X5163S8IZT1	X5169S8ZT1
ISL21009CFB812Z-TK	X5043S8IZ-2.7T1	X5163S8Z	X5323S8IZ
ISL21009CFB825Z	X5043S8IZ-4.5A	X5163S8Z-2.7	X5323S8IZ-2.7
ISL21009CFB825Z-TK	X5043S8IZ-4.5AT1	X5163S8Z-2.7A	X5323S8IZ-2.7A
ISL21009CFB841Z	X5043S8IZT1	X5163S8Z-2.7AT1	X5323S8IZ-2.7AT1

## PCN13058 – Product List (con't)

X5323S8IZ-2.7T1	X5329S8Z-4.5A	X9315TSIZT1	X9318WS8IZ
X5323S8IZ-4.5A	X5329S8ZT1	X9315TSZ	X9318WS8IZT1
X5323S8IZ-4.5AT1	X9015US8IZ	X9315TSZ-2.7	X9318WS8Z
X5323S8IZT1	X9015US8IZ-2.7	X9315TSZ-2.7T1	X9318WS8ZT1
X5323S8Z	X9015US8IZ-2.7T1	X9315TSZT1	X9319WS8IZ
X5323S8Z-2.7	X9015US8IZT1	X9315USIZ	X9319WS8IZT1
X5323S8Z-2.7A	X9015US8Z	X9315USIZ-2.7	X9319WS8Z
X5323S8Z-2.7AT1	X9015US8Z-2.7	X9315USIZ-2.7T1	X9319WS8ZT1
X5323S8Z-2.7T1	X9015US8Z-2.7T1	X9315USIZT1	X9511WSIZ
X5323S8Z-4.5A	X9015US8ZT1	X9315USZ	X9511WSIZT1
X5323S8ZT1	X9015WS8Z	X9315USZ-2.7	X9511WSZ
X5325S8IZ	X9015WS8Z-2.7	X9315USZ-2.7T1	X9511WSZS2692
X5325S8IZ-2.7	X9015WS8ZT1	X9315USZT1	X9511WSZT1S2692
X5325S8IZ-2.7A	X9015WS8ZT1	X9315WSIZ	X9511WSZT1S2692
X5325S8IZ-2.7T1	X9116WS8IZ	X9315WSIZ-2.7	X9511WSZT7A
X5325S8IZ-4.5A	X9116WS8IZ-2.7	X9315WSIZ-2.7T1	X9C102SIZ
X5325S8IZT1	X9116WS8IZ-2.7T1	X9315WSIZT1	X9C102SIZT1
X5325S8Z	X9116WS8IZT1	X9315WSZ	X9C102SIZT2
X5325S8Z-2.7	X9116WS8Z	X9315WSZ-2.7	X9C102SZ
X5325S8Z-2.7A	X9116WS8Z-2.7	X9315WSZ-2.7T1	X9C102SZT1
X5325S8Z-2.7T1	X9116WS8Z-2.7T1	X9315WSZT1	X9C103SIZ
X5325S8Z-4.5A	X9116WS8ZT1	X9317TS8IZ	X9C103SIZT1
X5325S8ZT1	X9313USIZ	X9317TS8IZ-2.7	X9C103SIZT2
X5328S8IZ	X9313USIZT1	X9317TS8IZ-2.7T1	X9C103SZ
X5328S8IZ-2.7	X9313USZ	X9317TS8Z	X9C103SZT1
X5328S8IZ-2.7A	X9313USZ-3	X9317TS8Z-2.7	X9C103SZT1S2490
X5328S8IZ-2.7T1	X9313USZ-3T1	X9317TS8Z-2.7T1	X9C103SZT2
X5328S8IZ-4.5A	X9313USZT1	X9317US8IZ	X9C104SIZ
X5328S8IZT1	X9313WSIZ	X9317US8IZ-2.7	X9C104SIZT1
X5328S8Z	X9313WSIZT1	X9317US8IZ-2.7T1	X9C104SZ
X5328S8Z-2.7	X9313WSZ	X9317US8IZT1	X9C104SZT1
X5328S8Z-2.7A	X9313WSZ-3	X9317US8Z	X9C303S8IZ
X5328S8Z-2.7T1	X9313WSZ-3T1	X9317US8Z-2.7	X9C303S8IZ-2.7
X5328S8Z-4.5A	X9313WSZT1	X9317US8Z-2.7T1	X9C303S8IZT1
X5328S8ZT1	X9313ZSIZ	X9317US8ZT1	X9C303S8Z
X5329S8IZ	X9313ZSIZ-3	X9317US8ZT1	X9C303S8ZT1
X5329S8IZ-2.7	X9313ZSIZ-3T1	X9317WS8IZ-2.7	X9C503SIZ
X5329S8IZ-2.7A	X9313ZSIZT1	X9317WS8IZ-2.7R5599	X9C503SIZC7884
X5329S8IZ-2.7T1	X9313ZSZ	X9317WS8IZ-2.7T1	X9C503SIZT1
X5329S8IZ-4.5A	X9313ZSZ-3	X9317WS8IZ-2.7TR5599	X9C503SIZT1C7884
X5329S8IZT1	X9313ZSZ-3T1	X9317WS8IZT1	X9C503SZ
X5329S8Z	X9313ZSZT1	X9317WS8Z	X9C503SZT1
X5329S8Z-2.7	X9315TSIZ	X9317WS8Z-2.7	
X5329S8Z-2.7A	X9315TSIZ-2.7	X9317WS8Z-2.7T1	
X5329S8Z-2.7T1	X9315TSIZ-2.7T1	X9317WS8ZT1	