
PRODUCT CHANGE NOTICE

Wafer Fabrication Site Change for Listed Intersil Products

**Refer to:
PCN13065**

Date: December 24, 2013

December 24, 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 process technology qualification activity is complete. The site-specific package related qualification and product evaluation activity is scheduled to complete in phases starting May 2014 and completing in June 2014. Targeted completion dates for the package related qualifications are listed below with the qualification plan.

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 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

PCN13065

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

PCN13065 – Palm Bay C5 Technology Qualification Plan

Stress / Conditions	Duration	X5043S8IZ2.7AT1 SOICN	X9241AWSZT1 SOICW	X9258TS24Z SOICW	X9C103SIZT1 SOICN
Targeted Completion date		Complete	May-14	May-14	Complete
High Temp Operating Life +125°C	1000 Hours	N = 234 Acc = 0	N/A	N/A	N = 156 Acc = 0
Moisture Sensitivity Classification		N = 44 Acc = 0 L1 PBFREE	N = 44 Acc = 0 L3 PBFREE	N = 44 Acc = 0 L3 PBFREE	N = 44 Acc = 0 L1 PBFREE
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	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	N = 78 Acc = 0
Biased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	QBE	QBE	N = 78 Acc = 0
High Temperature Storage T _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
EEPROM Endurance 100000 cycles	100k cycles	Note 1	N/A	N/A	Note 1
EEPROM Retention T _A = +150C	1000 Hrs	Note 1	N/A	N/A	Note 1

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

Qualification Completed/Passed Qualified by Extension

PCN13065 – Palm Bay C5 Technology Qualification Plan

Stress / Conditions	Duration	X9317UV8IZ-2.7T1 TSSOP	X9252WV24IZ-2.7 TSSOP	X9241AWPIZ PDIP	X9C103PZ PDIP	ISL21440IUZ-T13 MSOP	X9315WMIZ-2.7T1 MSOP
Targeted Completion date		June-14	June-14	May-14	May-14	June-14	June-14
Moisture Sensitivity Classification		N = 44 Acc = 0 L1 PBFREE	N = 44 Acc = 0 L3 PBFREE	N/A	N/A	N = 44 Acc = 0 L2 PBFREE	N = 44 Acc = 0 L2 PBFREE
Temperature/Humidity/Bias 85C / 85% RH	1000 Hrs	N/A	N/A	QBE	N = 78 Acc = 0	N/A	N/A
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0	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	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
Biased HAST +130C / 85% RH	96 Hrs	QBE	QBE	N/A	N/A	QBE	QBE
High Temperature Storage T _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0

Qualified by Extension

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X4003M8IZ	X5043PIZ-4.5A	X5165PZ-4.5A	X9015UM8ZT1
X4003M8IZ-2.7	X5043PZ	X5168PIZ	X9110TV14IZ
X4003M8IZ-2.7A	X5043PZ-2.7	X5168PIZ-2.7	X9110TV14IZ-2.7
X4003M8IZ-4.5A	X5043PZ-2.7A	X5168PIZ-2.7A	X9110TV14IZ-2.7T1
X4003M8Z	X5043PZ-4.5A	X5168PIZ-4.5A	X9110TV14Z
X4003M8Z-2.7	X5043V14IZ	X5168PZ	X9110TV14Z-2.7
X4003M8Z-2.7A	X5045M8IZ	X5168PZ-2.7	X9110TV14ZT1
X4003M8Z-4.5A	X5045M8IZ-2.7	X5168PZ-2.7A	X9111TV14IZ
X4043M8IZ	X5045M8IZ-2.7A	X5168PZ-4.5A	X9111TV14IZ-2.7
X4043M8IZ-2.7	X5045M8IZ-4.5A	X5169PIZ	X9111TV14IZ-2.7T1
X4043M8IZ-2.7A	X5045M8Z	X5169PIZ-2.7	X9111TV14Z
X4043M8IZ-2.7AT1	X5045M8Z-2.7	X5169PIZ-2.7A	X9111TV14Z-2.7
X4043M8IZ-2.7T1	X5045M8Z-2.7A	X5169PIZ-4.5A	X9116WM8IZ
X4043M8IZ-4.5A	X5045M8Z-4.5A	X5169PZ	X9116WM8IZ-2.7
X4043M8Z	X5045PIZ	X5169PZ-2.7	X9116WM8IZ-2.7T1
X4043M8Z-2.7	X5045PIZ-2.7	X5169PZ-2.7A	X9116WM8IZT1
X4043M8Z-2.7A	X5045PIZ-2.7A	X5169PZ-4.5A	X9116WM8Z
X4043M8Z-4.5A	X5045PIZ-4.5A	X5323PIZ	X9116WM8Z-2.7
X4043M8ZT1	X5045PZ	X5323PIZ-2.7	X9116WM8Z-2.7T1
X4043PIZ	X5045PZ-2.7	X5323PIZ-2.7A	X9116WM8ZT1
X4043PIZ-2.7	X5045PZ-2.7A	X5323PIZ-4.5A	X9118TV14IZ
X4043PIZ-2.7A	X5045PZ-4.5A	X5323PZ	X9118TV14IZ-2.7
X4043PIZ-4.5A	X5045W-2.7A	X5323PZ-2.7	X9118TV14Z
X4043PZ	X5083V8IZ	X5323PZ-2.7A	X9118TV14Z-2.7
X4043PZ-2.7	X5083V8IZ-2.7	X5323PZ-4.5A	X9119TV14IZ
X4043PZ-2.7A	X5163PIZ	X5328PIZ	X9119TV14IZ-2.7
X4043PZ-4.5A	X5163PIZ-2.7	X5328PIZ-2.7	X9119TV14IZ-2.7T1
X5043M8IZ	X5163PIZ-2.7A	X5328PIZ-2.7A	X9119TV14Z
X5043M8IZ-2.7	X5163PIZ-4.5A	X5328PIZ-4.5A	X9119TV14Z-2.7
X5043M8IZ-2.7A	X5163PZ	X5328PZ	X9221AWPIZ
X5043M8IZ-2.7AT1	X5163PZ-2.7	X5328PZ-2.7	X9221AWPZ
X5043M8IZ-2.7T1	X5163PZ-2.7A	X5328PZ-2.7A	X9221AWSIZ
X5043M8IZ-4.5A	X5163PZ-4.5A	X5328PZ-4.5A	X9221AWSIZT1
X5043M8Z	X5165PIZ	X9015UM8IZ	X9221AWSZ
X5043M8Z-2.7	X5165PIZ-2.7	X9015UM8IZ-2.7	X9221AWSZT1
X5043M8Z-2.7A	X5165PIZ-2.7A	X9015UM8IZ-2.7T1	X9241AMPIZ
X5043M8Z-4.5A	X5165PIZ-4.5A	X9015UM8IZT1	X9241AMPZ
X5043PIZ	X5165PZ	X9015UM8Z	X9241AMSIZ
X5043PIZ-2.7	X5165PZ-2.7	X9015UM8Z-2.7	X9241AMSIZT1
X5043PIZ-2.7A	X5165PZ-2.7A	X9015UM8Z-2.7T1	X9241AMSZ

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X9241AMSZT1	X9250TS24Z-2.7T1	X9258US24IZ-2.7T2	X9268US24Z-2.7
X9241AMVIZ	X9250TS24ZT1	X9258US24IZT1	X9268US24Z-2.7T1
X9241AMVIZT1	X9250US24IZ-2.7	X9258US24IZT2	X9268US24ZT1
X9241AMVZ	X9250US24IZ-2.7T1	X9258US24Z	X9271UV14IZ
X9241AMVZT1	X9250US24IZ-2.7T2	X9258US24Z-2.7	X9271UV14IZ-2.7
X9241AUPIZ	X9250US24Z	X9258US24Z-2.7T1	X9271UV14IZ-2.7T1
X9241AUPZ	X9250US24Z-2.7	X9258US24ZT1	X9271UV14IZT1
X9241AUSIZ	X9250US24Z-2.7T1	X9258US24ZT2	X9271UV14Z
X9241AUSIZT1	X9250US24ZT1	X9258UV24IZ	X9271UV14Z-2.7
X9241AUSZ	X9250UV24IZ	X9258UV24IZ-2.7	X9271UV14Z-2.7T1
X9241AUSZT1	X9250UV24IZ-2.7	X9259US24IZ	X9271UV14ZT1
X9241AUVIZ	X9250UV24IZ-2.7T2	X9259US24IZ-2.7	X9313UMIZ
X9241AUVIZT1	X9251US24IZ	X9259US24IZ-2.7T1	X9313UMIZ-3
X9241AUVZ	X9251US24IZ-2.7	X9259US24IZT1	X9313UMIZ-3T1
X9241AUVZT1	X9251US24IZ-2.7T1	X9259US24Z	X9313UMIZT1
X9241AWPIZ	X9251US24IZT1	X9259US24Z-2.7	X9313UMZ
X9241AWSIZ	X9251US24Z	X9259US24Z-2.7T1	X9313UMZ-3
X9241AWSIZT1	X9251US24Z-2.7	X9259US24ZT1	X9313UMZ-3T1
X9241AWSZ	X9251US24Z-2.7T1	X9259UV24IZ	X9313UMZT1
X9241AWSZT1	X9251US24ZT1	X9259UV24IZ-2.7	X9313UPZ
X9241AWVIZ	X9251UV24IZ	X9259UV24IZ-2.7T1	X9313WMIZ
X9241AWVIZT1	X9251UV24IZ-2.7	X9259UV24IZR5279	X9313WMIZ-3
X9241AWVZ	X9251UV24IZ-2.7T1	X9259UV24IZT1	X9313WMIZ-3T1
X9241AWVZT1	X9251UV24Z	X9259UV24IZT2	X9313WMIZT1
X9241AYPIZ	X9251UV24Z-2.7	X9259UV24IZT2R5279	X9313WMZ
X9241AYPZ	X9252WS24IZ-2.7	X9259UV24Z	X9313WMZ-3
X9241AYSIZ	X9252WV24IZ-2.7	X9259UV24Z-2.7	X9313WMZ-3T1
X9241AYSIZT1	X9252YV24IZ-2.7	X9268TS24IZ	X9313WMZT1
X9241AYSZ	X9258TS24IZ	X9268TS24IZ-2.7	X9313WPIZ
X9241AYSZT1	X9258TS24IZ-2.7	X9268TS24IZ-2.7T1	X9313WPZ-3
X9241AYVIZ	X9258TS24IZ-2.7T1	X9268TS24IZT1	X9313ZMIZ
X9241AYVIZT1	X9258TS24IZT1	X9268TS24Z	X9313ZMIZ-3
X9241AYVZ	X9258TS24Z	X9268TS24Z-2.7	X9313ZMIZ-3T1
X9241AYVZT1	X9258TS24Z-2.7	X9268TS24Z-2.7T1	X9313ZMIZT1
X9241AYW	X9258TS24Z-2.7T1	X9268TS24ZT1	X9313ZMZ
X9250TS24IZ-2.7	X9258TV24IZ-2.7	X9268US24IZ	X9313ZMZ-3
X9250TS24IZ-2.7T1	X9258TV24Z-2.7	X9268US24IZ-2.7	X9313ZMZ-3T1
X9250TS24IZ-2.7T2	X9258US24IZ	X9268US24IZ-2.7T1	X9313ZMZT1
X9250TS24Z	X9258US24IZ-2.7	X9268US24IZT1	X9313ZPIZ
X9250TS24Z-2.7	X9258US24IZ-2.7T1	X9268US24Z	X9313ZPZ-3

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X9315TMIZ	X9317UM8IZ-2.7T1	X9400WV24Z-2.7	X9418YS24IZ
X9315TMIZ-2.7	X9317UM8IZT1	X9400WV24Z-2.7T1	X9418YS24IZ-2.7
X9315TMIZ-2.7T1	X9317UM8Z	X9400WV24ZT1	X9418YS24Z
X9315TMIZT1	X9317UM8Z-2.7	X9401WS24IZ	X9418YS24Z-2.7
X9315TMZ	X9317UM8Z-2.7T1	X9401WS24IZ-2.7	X9418YV24IZ
X9315TMZ-2.7	X9317UM8ZT1	X9401WS24IZ-2.7T1	X9418YV24IZ-2.7
X9315TMZ-2.7T1	X9317UV8IZ	X9401WS24IZT1	X9418YV24IZ-2.7T1
X9315TMZT1	X9317UV8IZ-2.7	X9401WS24Z	X9418YV24IZ-2.7T2
X9315UMIZ	X9317UV8IZ-2.7T1	X9401WS24Z-2.7	X9418YV24Z
X9315UMIZ-2.7	X9317UV8IZT1	X9401WS24Z-2.7T1	X9418YV24Z-2.7
X9315UMIZ-2.7T1	X9317UV8Z	X9401WS24ZT1	X9429WS16IZ
X9315UMIZT1	X9317UV8Z-2.7	X9401WV24IZ	X9429WS16IZ-2.7
X9315UMZ	X9317UV8Z-2.7T1	X9401WV24IZ-2.7	X9429WS16IZ-2.7T1
X9315UMZ-2.7	X9317UV8ZT1	X9401WV24IZ-2.7T1	X9429WS16IZT1
X9315UMZ-2.7C7964	X9317WM8IZ	X9401WV24IZT1	X9429WS16Z
X9315UMZ-2.7T1	X9317WM8IZ-2.7	X9401WV24Z	X9429WS16Z-2.7
X9315UMZ-2.7T1C7964	X9317WM8IZ-2.7T1	X9401WV24Z-2.7	X9429WS16Z-2.7T1
X9315UMZT1	X9317WM8IZT1	X9401WV24Z-2.7T1	X9429WS16ZT1
X9315WMIZ	X9317WM8Z	X9401WV24ZT1	X9429WV14IZ
X9315WMIZ-2.7	X9317WM8Z-2.7	X9408WS24IZ-2.7	X9429WV14IZ-2.7
X9315WMIZ-2.7R5419	X9317WM8Z-2.7T1	X9408WS24IZ-2.7T2	X9429WV14IZ-2.7T1
X9315WMIZ-2.7T1	X9317WM8ZT1	X9408WV24IZ	X9429WV14IZT1
X9315WMIZ-2.7T1R5419	X9317WV8IZ	X9408WV24IZ-2.7	X9429WV14Z
X9315WMIZT1	X9317WV8IZ-2.7	X9408WV24IZ-2.7T1	X9429WV14Z-2.7
X9315WMZ	X9317WV8IZ-2.7T1	X9408WV24IZT1	X9429WV14Z-2.7T1
X9315WMZ-2.7	X9317WV8IZT1	X9408WV24Z	X9429WV14ZT1
X9315WMZ-2.7T1	X9317WV8Z	X9408WV24Z-2.7	X9511WPIZ
X9315WMZT1	X9317WV8Z-2.7	X9408WV24Z-2.7T1	X9511WPZ
X9317TM8IZ	X9317WV8Z-2.7T1	X9408WV24ZT1	X9C102PIZ
X9317TM8IZ-2.7	X9317WV8ZT1	X9408WW	X9C102PZ
X9317TM8IZ-2.7T1	X9317WW	X9409WS24IZ	X9C102W
X9317TM8IZT1	X9318WP8IZ	X9409WS24IZ-2.7	X9C103PIZ
X9317TM8Z	X9319WW	X9409WS24IZ-2.7T1	X9C103PIZC7644
X9317TM8Z-2.7	X9400WS24IZ	X9409WS24IZT1	X9C103PZ
X9317TM8Z-2.7T1	X9400WS24IZ-2.7	X9409WS24Z	X9C103W
X9317TM8ZT1	X9400WS24IZ-2.7T1	X9409WS24Z-2.7	X9C104PIZ
X9317TV8IZ	X9400WS24IZ2.7TS2705	X9409WS24Z-2.7T1	X9C303PIZ
X9317TV8IZ-2.7	X9400WS24IZ27T1S2705	X9409WS24ZT1	X9C303PZ
X9317TV8IZ-2.7T1	X9400WS24IZT1	X9409WV24IZ	X9C303V8IZ
X9317TV8IZT1	X9400WS24IZT1S2705	X9409WV24IZ-2.7	X9C303V8IZT1
X9317TV8Z	X9400WS24ZT1	X9409WV24IZ-2.7T1	X9C303V8IZT1C7843
X9317TV8Z-2.7	X9400WV24IZ	X9409WV24IZT1	X9C303V8Z
X9317TV8Z-2.7T1	X9400WV24IZ-2.7	X9409WV24Z	X9C303V8ZT1
X9317TV8ZT1	X9400WV24IZ-2.7T1	X9409WV24Z-2.7	X9C503PIZ
X9317UM8IZ	X9400WV24IZT1	X9409WV24Z-2.7T1	X9C503PZ
X9317UM8IZ-2.7	X9400WV24Z	X9409WV24ZT1	