

# **PRODUCT CHANGE NOTICE**

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

**Refer to:  
PCN14036**

**Date: July 09, 2014**

July 09, 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 due to declines in volume at IBM and risk of continuity in supply, Intersil is re-installing its proprietary P6/P6S technology in the Intersil Palm Bay, Florida facility for wafer fabrication. This technology initially ran in Palm Bay from 2002 to 2004. Intersil has invested ~ \$30M to upgrade the facility to add 200mm capability to match the current tools used, as well as in-line unit process and electrical parameters. The move back to Palm Bay will position Intersil to guarantee continuity of supply to our customers as the volumes on the technology continue to decline. The site-specific process technology qualification is in progress and scheduled to complete October 31, 2014.

The Intersil Palm Bay, Florida facility is an ISO 9001:2008, ISO/TS 16949:2002 and QML 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. The remainder of the manufacturing operations (package assembly, package electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems.

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 qualification activities and customer 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,



Jeffrey Touvell

Intersil Corporation

PCN14036

CC: K. Hoopingarner B. Sampath C. Dunlap J. Wei D. Singh H. Singh P. Lee R. Pitts  
D. DeCrosta

## PCN14036 – Palm Bay P6 Technology Qualification Plan

Stress / Conditions	Duration	ISL62883CHRTZ-T 40 LEAD 5x5 TQFN	ISL6312CRZ-T 48 LEAD 7x7 QFN	ISL6420AIRZ_T 20 LEAD 4x4 QFN	ISL88731CHRTZ-T 28 LEAD 5x5 TQFN
Moisture Sensitivity Classification		N = 22 Acc = 0 L3 PBFREE	N = 44 Acc = 0 L3 PBFREE	N = 22 Acc = 0 L2 PBFREE	N = 44 Acc = 0 L3 PBFREE
High Temperature Operating Life T <sub>A</sub> @ + 125°C	1000 Hrs	N = 78 Acc = 0	N = 156 Acc = 0	N = 156 Acc = 0	N = 156 Acc = 0
Biased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0	N = 78 Acc = 0
High Temperature Storage T <sub>A</sub> = +150C	1000 Hrs	N = 78 Acc = 0	N = 234 Acc = 0	N = 78 Acc = 0	N = 234 Acc = 0
Unbiased HAST +130C / 85% RH	96 Hrs	N = 78 Acc = 0	N = 234 Acc = 0	N = 78 Acc = 0	N = 234 Acc = 0
Temp Cycle +150C / -65C	500 Cy	N = 78 Acc = 0	N = 234 Acc = 0	N = 78 Acc = 0	N = 234 Acc = 0

## PCN14036 – Product List

ISL3150EIBZ	ISL3176EIUZ-T7A	ISL6227CAZ-T	ISL62392CIRTZ
ISL3150EIBZ-T	ISL3178EIBZ	ISL6227CAZ-TS2568	ISL62392CIRTZ-T
ISL3150EIBZ-T7A	ISL3178EIBZ-T	ISL6227CAZ-TS2698	ISL62392HRTZ
ISL3150EIUZ	ISL3178EIBZ-T7A	ISL6227CAZ-TS2709	ISL62392HRTZ-T
ISL3150EIUZ-T	ISL3178EIUZ	ISL6227HRZ	ISL62392IRTZ
ISL3150EIUZ-T7A	ISL3178EIUZ-T	ISL6227HRZ-T	ISL62392IRTZ-T
ISL3152EIBZ	ISL3179EFBZ	ISL6227IAZ	ISL6261ACRZ
ISL3152EIBZ-T	ISL3179EFBZ-T	ISL6227IAZ-T	ISL6261ACRZ-T
ISL3152EIBZ-T7	ISL3179EFBZ-T7A	ISL6227IRZ	ISL6261AIRZ
ISL3152EIBZ-T7A	ISL3179EFRZ	ISL6227IRZ-T	ISL6261AIRZ-T
ISL3152EIPZ	ISL3179EFRZ-T	ISL6228HRTZ	ISL6265AHRTZ
ISL3152EIUZ	ISL3179EFUZ	ISL6228HRTZ-T	ISL6265AHRTZ-T
ISL3152EIUZ-T	ISL3179EFUZ-T	ISL6228HRTZ-TR5453	ISL6265CHRTZ
ISL3152EIUZ-T7A	ISL3179EIBZ	ISL6228HRTZ-TS2568	ISL6265CHRTZ-T
ISL3156EIBZ	ISL3179EIBZ-T	ISL6228HRTZ-TS2705	ISL6265CIRTZ
ISL3156EIBZ-T	ISL3179EIBZ-T7A	ISL6228IRTZ	ISL6265CIRTZ-T
ISL3156EIBZ-T7A	ISL3179EIRZ	ISL6228IRTZ-T	ISL62870HRUZ-T
ISL3156EIBZ-TR5453	ISL3179EIRZ-T	ISL6236AIRZ	ISL62871HRUZ-T
ISL3156EIUZ	ISL3179EIUZ	ISL6236AIRZ-T	ISL62871HRUZ-TS2490
ISL3156EIUZ-T	ISL3179EIUZ-T	ISL6236IRZAR5281	ISL62871HRUZ-TS2568
ISL3156EIUZ-T7A	ISL3180EIBZ	ISL6236IRZA-TKR5281	ISL62872HRUZ-T
ISL3158EIBZ	ISL3180EIBZ-T	ISL6236IRZA-TR5281	ISL62872HRUZ-TS2490
ISL3158EIBZ-T	ISL6208BCRZ-T	ISL6236IRZA-TR5453	ISL62872HRUZ-TS2568
ISL3158EIBZ-T7A	ISL6208BCRZ-TR5625	ISL6236IRZA-TS2568	ISL62873HRUZ-T
ISL3158EIUZ	ISL6208BCRZ-TS2490	ISL62381CHRTZ	ISL62881CHRTZ
ISL3158EIUZ-T	ISL6208BIRZ-T	ISL62381CHRTZ-T	ISL62881CHRTZ-T
ISL3158EIUZ-T7A	ISL6208CBZ	ISL62382CHRTZ	ISL62881CHRTZ-TS2742
ISL3170EIBZ	ISL6208CBZ-T	ISL62382CHRTZ-T	ISL62881CIRTZ
ISL3170EIBZ-T	ISL6208CBZ-TS2568	ISL62383CHRTZ	ISL62881CIRTZ-T
ISL3170EIUZ	ISL6208CRZ	ISL62383CHRTZ-T	ISL62881CIRTZ-TR5515
ISL3170EIUZ-T	ISL6208CRZ-T	ISL62391CHRTZ	ISL62881DHRTZ
ISL3172EIBZ	ISL6208CRZ-TS2568	ISL62391CHRTZ-T	ISL62881DHRTZ-T
ISL3172EIBZ-T	ISL6208IBZ	ISL62391CIRTZ	ISL62882CHRTZ
ISL3172EIBZ-T7A	ISL6208IBZ-T	ISL62391CIRTZ-T	ISL62882CHRTZ-T
ISL3172EIUZ	ISL6208IRZ	ISL62391HRTZ	ISL62882CIRTZ
ISL3172EIUZ-T	ISL6208IRZ-T	ISL62391HRTZ-T	ISL62882CIRTZ-T
ISL3176EIBZ	ISL6208IRZ-TS2568	ISL62391IRTZ	ISL62883CHRTZ
ISL3176EIBZ-T	ISL6227CAZ	ISL62391IRTZ-T	ISL62883CHRTZ-T
ISL3176EIUZ	ISL6227CAZA-TS2490	ISL62392CHRTZ	ISL62883CIRTZ
ISL3176EIUZ-T	ISL6227CAZS2698	ISL62392CHRTZ-T	ISL62883CIRTZ-T

## PCN14036 – Product List (con't)

ISL62884CHRTZ	ISL6334ACRZR5586	ISL6341CRZ-TS2568	ISL6545AIRZ
ISL62884CHRTZ-T	ISL6334ACRZ-T	ISL6341IRZ	ISL6545AIRZ-T
ISL62884CIRTZ	ISL6334ACRZ-TR5453	ISL6341IRZ-T	ISL6545CBZ
ISL62884CIRTZ-T	ISL6334ACRZ-TR5586	ISL6363CRTZ	ISL6545CBZ-T
ISL6312ACRZ	ISL6334ACRZ-TS2490	ISL6363CRTZ-T	ISL6545CBZ-TR5453
ISL6312ACRZ-T	ISL6334ACRZ-TS2568	ISL6363CRTZ-TS2490	ISL6545CBZ-TS2490
ISL6312ACRZ-TS2568	ISL6334AIRZ	ISL6363IRTZ	ISL6545CBZ-TS2568
ISL6312ACRZ-TS2709	ISL6334AIRZ-T	ISL6363IRTZ-T	ISL6545CRZ
ISL6312AIRZ	ISL6334AIRZ-TS2705	ISL6364CRZ	ISL6545CRZ-T
ISL6312AIRZ-T	ISL6334CRZ	ISL6364CRZ-T	ISL6545CRZ-TS2568
ISL6312AIRZ-TS2568	ISL6334CRZ-T	ISL6364CRZ-TS2738	ISL6545IBZ
ISL6312CRZ	ISL6334CRZ-TS2568	ISL6364IRZ	ISL6545IBZ-T
ISL6312CRZS2705	ISL6334CRZ-TS2701	ISL6364IRZ-T	ISL6545IBZ-TS2568
ISL6312CRZ-T	ISL6334DCRZ	ISL6364IRZ-TS2705	ISL6545IRZ
ISL6312CRZ-TK	ISL6334DCRZ-T	ISL6366CRZ	ISL6545IRZ-T
ISL6312CRZ-TR5429	ISL6334DCRZ-TR5453	ISL6366CRZ-T	ISL6608CBZ
ISL6312CRZ-TR5453	ISL6334DIRZ	ISL6366CRZ-TK	ISL6608CBZ-T
ISL6312CRZ-TS2490	ISL6334DIRZ-T	ISL6366CRZ-TS2490	ISL6610CBZ
ISL6312CRZ-TS2568	ISL6334IRZ	ISL6366CRZ-TS2568	ISL6610CBZ-T
ISL6312CRZ-TS2705	ISL6334IRZ-T	ISL6366IRZ	ISL6612ACBZ
ISL6312IRZ	ISL6334IRZ-TS2705	ISL6366IRZ-T	ISL6612ACBZA-TR5453
ISL6312IRZ-T	ISL6336ACRZ	ISL6539CAZ	ISL6612ACBZ-T
ISL6312IRZ-TS2568	ISL6336ACRZ-T	ISL6539CAZ-T	ISL6612ACBZ-TS2568
ISL6313CRZ	ISL6336ACRZ-TS2705	ISL6539IAZ	ISL6612ACRZ
ISL6313CRZ-T	ISL6336CRZ	ISL6539IAZ-T	ISL6612ACRZ-T
ISL6313CRZ-TS2568	ISL6336CRZ-T	ISL6540ACRZ	ISL6612AECBZ
ISL6313CRZ-TS2705	ISL6336CRZ-TS2490	ISL6540ACRZ-T	ISL6612AECBZ-T
ISL6313IRZ	ISL6336CRZ-TS2705	ISL6540ACRZ-TS2490	ISL6612AIBZ
ISL6313IRZ-T	ISL6341ACRZ	ISL6540AIRZ	ISL6612AIBZ-T
ISL6314CRZ	ISL6341ACRZ-T	ISL6540AIRZA	ISL6612CBZ
ISL6314CRZ-T	ISL6341ACRZ-TS2568	ISL6540AIRZA-T	ISL6612CBZA
ISL6314CRZ-TR5453	ISL6341AIRZ	ISL6540AIRZ-T	ISL6612CBZA-T
ISL6314CRZ-TS2568	ISL6341AIRZ-T	ISL6540AIRZ-TKR5632	ISL6612CBZR5453
ISL6314CRZ-TS2705	ISL6341BCRZ	ISL6540AIRZ-TR5453	ISL6612CBZ-T
ISL6314IRZ	ISL6341BCRZ-T	ISL6545ACBZ	ISL6612CRZ
ISL6314IRZ-T	ISL6341BIRZ	ISL6545ACBZ-T	ISL6612CRZ-T
ISL6314IRZ-TS2705	ISL6341BIRZ-T	ISL6545ACRZ	ISL6612CRZ-TR5453
ISL6332ADRZ	ISL6341CRZ	ISL6545ACRZ-T	ISL6612CRZ-TS2568
ISL6332ADRZ-T	ISL6341CRZ-T	ISL6545AIBZ	ISL6612CRZ-TS2705
ISL6334ACRZ	ISL6341CRZ-TS2490	ISL6545AIBZ-T	ISL6612ECBZ

## PCN14036 – Product List (con't)

ISL6612ECBZ-T	ISL6627CRZ-T	ISL8487EIBZ	ISL95831CIRTZ-TS2705
ISL6612EIBZ	ISL6740AIVZA	ISL8487EIBZ-T	ISL95831HRTZ
ISL6612EIBZ-T	ISL6740AIVZA-T	ISL8487EIPZ	ISL95831HRTZ-T
ISL6613ACRZ	ISL6742AAZA	ISL88550AIRZ	ISL95831HRTZ-TR5535
ISL6613ACRZ-T	ISL6742AAZA-T	ISL88550AIRZ-T	ISL95831HRTZ-TS2490
ISL6613AEIBZ	ISL8105ACRZ	ISL88550AIRZ-T7	ISL95831HRTZ-TS2568
ISL6613AEIBZ-T	ISL8105ACRZ-T	ISL88550AIRZ-TR5339	ISL95831HRTZ-TS2705
ISL6613CRZ	ISL8105AIBZ	ISL88550AIRZ-TS2568	ISL95831IRTZ
ISL6613CRZ-T	ISL8105AIBZ-T	ISL88550AIRZ-TS2715	ISL95831IRTZ-T
ISL6613IRZ-TR5453	ISL8105AIBZ-TR5453	ISL88731CHRTZ	ISL95835HRZ
ISL6614ACBZ	ISL8105AIRZ	ISL88731CHRTZ-T	ISL95835HRZ-T
ISL6614ACBZ-T	ISL8105AIRZ-T	ISL88731CHRTZ-TR5453	ISL95835IRZ
ISL6614ACRZ	ISL8105IBZ	ISL88732HRTZ	ISL95835IRZ-T
ISL6614ACRZ-T	ISL8105IBZ-T	ISL88732HRTZR5601	ISL95837HRZ
ISL6616W	ISL8112IRZ	ISL88732HRTZ-T	ISL95837HRZ-T
ISL6616WR5375	ISL8112IRZ-T	ISL88732HRTZ-TR5601	ISL95837IRZ
ISL6616WR5626	ISL8118CRZ	ISL88733HRTZ	ISL95837IRZ-T
ISL6620CBZ	ISL8118CRZ-T	ISL88733HRTZ-T	ISL95870AHRUZ-T
ISL6620CBZ-T	ISL8118IRZ	ISL94208IRZ	ISL95870AIRUZ-T
ISL6620CRZ	ISL8118IRZ-T	ISL94208IRZ-T	ISL95870AIRUZ-TS2705
ISL6620CRZ-T	ISL8120IRZR5568	ISL94208IRZ-T7A	ISL95870BHRZ
ISL6620CRZ-TS2490	ISL8120IRZ-TR5568	ISL9505AHRZ	ISL95870BHRZ-T
ISL6620CRZ-TS2568	ISL81483IBZ	ISL9505AHRZ-T	ISL95870BHRZ-TR5571
ISL6620IRZ	ISL81483IBZS2705	ISL9519CHRZ	ISL95870BHRZ-TR5584
ISL6620IRZ-T	ISL81483IBZ-T	ISL9519CHRZ-T	ISL95870BHRZ-TS2490
ISL6622CBZ	ISL81483IPZ	ISL9519HRTZ	ISL95870BHRZ-TS2568
ISL6622CBZ-T	ISL83070EIBZA	ISL9519HRTZ-T	ISL95870BHRZ-TS2705
ISL6622CRZ	ISL83070EIBZA-T	ISL9519HRTZ-TS2568	ISL95870BHRZ-TS2765
ISL6622CRZ-T	ISL83072EIBZA	ISL9519HRTZ-TS2720	ISL95870BIRZ
ISL6622CRZ-TR5453	ISL83072EIBZA-T	ISL9519IRTZ	ISL95870BIRZR5623
ISL6622CRZ-TS2568	ISL83072EIBZA-T7A	ISL9519IRTZ-T	ISL95870BIRZ-T
ISL6622CRZ-TS2705	ISL83072EIUZA	ISL9520HRTZ	ISL95870BIRZ-TKR5632
ISL6622IBZ	ISL83072EIUZA-T	ISL9520HRTZ-T	ISL95870BIRZ-TR5623
ISL6622IBZ-T	ISL83076EIBZA	ISL95831BHRTZ-T	ISL95870BIRZ-TS2568
ISL6622IRZ	ISL83076EIBZA-T	ISL95831CHRTZ	ISL95870BIRZ-TS2705
ISL6622IRZS2705	ISL83078EIBZA	ISL95831CHRTZ-T	ISL95870HRUZ-T
ISL6622IRZ-T	ISL83078EIBZA-T	ISL95831CHRTZ-TS2568	ISL95870HRUZ-TS2701
ISL6622IRZ-TS2705	ISL83078EIUZA	ISL95831CIRTZ	ISL95870IRUZ-T
ISL6627CRZ	ISL83078EIUZA-T	ISL95831CIRTZ-T	