

Product Change Notice (PCN)

Subject: Wafer Fabrication Site Change for List Intersil X9314* Products

Publication Date: 12/23/2015

Effective Date: 3/23/2016

Revision Description:

Initial Release

Description of Change:

This notice is to inform you that Intersil has qualified Intersil's Palm Bay, Florida facility for wafer fabrication of the listed X9314 products.

X9314WMIZ-3	X9314WSIZ	X9314WSZ	X9314WSZ-3T1
X9314WMIZ-3T1	X9314WSIZT1	X9314WSZ-3	X9314WSZT1

Reason for Change:

The change in wafer fabrication site is necessary as the XFAB facility in Dresden Germany has discontinued manufacture of this specific (C5) technology.

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

The Intersil Palm Bay, Florida facility is an ISO 9001:2008 and ISO/TS 16949:2009 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. The remainder of the manufacturing operations (package assembly, package electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems.

Product Identification:

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. Customers may expect to receive product from either the current or the newly qualified site beginning ninety days from the date of this notification.

Qualification status: Complete, see attached

Sample availability: 12/23/2015

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: PCN-US@INTERSIL.COM	Europe: PCN-EU@INTERSIL.COM	Japan: PCN-JP@INTERSIL.COM	Asia Pac: PCN-APAC@INTERSIL.COM

PCN15063 - Palm Bay C5 Technology Qualification Results

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 _A = +150C	1000 Hrs	N = 78 Acc = 0	N = 78 Acc = 0
EEPROM Endurance 100000 cycles	100k cycles	Note 1	Note 1
EEPROM Retention T _A = +150C	1000 Hrs	Note 1	Note 1

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

Qualification Completed/Passed