

## Product Change Notice (PCN)

**Subject:** Wafer Fabrication Site Change for the ISL6536IBZ\* and ISL88041IBZ\* Products

**Publication Date:** 1/25/2017

**Effective Date:** 4/25/2017

### Revision Description:

Initial Release

### Description of Change:

This notice is to inform you that Intersil is moving the fabrication facility for the listed Intersil products from Intersil's Palm Bay facility (Fab 59) to GLOBALFOUNDRIES Burlington Vermont facility. Products impacted by this change are listed below:

<u>Intersil Part Number</u>	<u>Intersil Part Number</u>
ISL6536IBZ	ISL88041IBZ
ISL6536IBZ-T	ISL88041IBZ-T
ISL6536IBZ-TR5194	

### Reason for Change:

The Palm Bay facility has ceased production of Intersil's proprietary P6 technology and has successfully negotiated an agreement with GLOBALFOUNDRIES to continue the uninterrupted supply of material from their Burlington, Vermont facility (formerly IBM) beyond calendar year 2020 on the P6 process technology. The Vermont facility has historically, and continues to be, the primary production fabrication facility for the P6 technology.

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

The change will have no impact on the form, fit, function, quality, reliability and environmental compliance of the devices.

### Product Identification:

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.

**Qualification status:** Complete, see attached

**Sample availability:** 4/20/2017

**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: <a href="mailto:PCN-US@INTERSIL.COM">PCN-US@INTERSIL.COM</a>	Europe: <a href="mailto:PCN-EU@INTERSIL.COM">PCN-EU@INTERSIL.COM</a>	Japan: <a href="mailto:PCN-JP@INTERSIL.COM">PCN-JP@INTERSIL.COM</a>	Asia Pac: <a href="mailto:PCN-APAC@INTERSIL.COM">PCN-APAC@INTERSIL.COM</a>

Qualification Results:

Stress / Conditions	Duration	ISL6545IBZ 8 LEAD SOIC	ISL6536IBZA 8 LEAD SOIC
Moisture Sensitivity Classification			N = 44 Acc = 0 L1 PBFREE
High Temperature Operating Life T <sub>A</sub> @ + 125°C	1000 Hrs	N = 80 Acc = 0	
Biased HAST +130C / 85% RH	96 Hrs		N = 80 Acc = 0
High Temperature Storage T <sub>A</sub> = +150C	1000 Hrs		N = 78 Acc = 0
Unbiased HAST +130C / 85% RH	96 Hrs		N = 80 Acc = 0
Temp Cycle +150C / -65C	500 Cy		N = 80 Acc = 0

Pass  
 Qualified by Extension