

# **PRODUCT CHANGE NOTICE**

**Alternate Manufacturing Site  
for Assembly of the Listed  
Intersil 8l EpSOIC Packaged  
Products**

**Refer to:  
PCN10047**

**Date: May 12, 2010**

May 12, 2010

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Site for Assembly of the Listed Intersil 81 EpSOIC Packaged Products – ANST (Wuxi CR Micro-Assembly Technology Ltd.)**

This notice is to inform you that Intersil is using the ANST (*Wuxi CR Micro-Assembly Technology Ltd.*) facility as an alternate site for performing assembly of the listed 81 EpSOIC (Exposed Pad Small Outline Integrate Circuit) packaged products. This action will expand current capabilities and capacities to optimize Intersil’s ability to meet customer’s delivery requirements. The site-specific qualification activities are complete.

The ANST facility is ISO 9001:2008 and ISO/TS 16949:2002 certified and a primary supplier to Intersil for assembly of packaged products. The ANST facility is currently Intersil qualified for assembly of various package styles, including EpSOIC packaged products. There will be no change to the package outline drawing or moisture sensitivity level (MSL). The qualified material set combinations are as follows:

Material	Current	ANST
Mold Compound	Sumitomo EME-G700	Sumitomo EME-G700LX
Die Attach	Ablebond 84-1LMISR4	Ablebond 8290

The assembly qualification plan is 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 results is included. The remainder of the manufacturing operations (wafer fabrication, package level electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems.

Product affected by this change is identifiable via Intersil’s internal traceability system and by the assembly site code (country of assembly) marked on the devices. The site code for product assembled at the ANST facility is “V”.

Intersil will take all necessary actions to conform to customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to receive product assembled at either the current or the newly qualified sites beginning *ninety* days from the date of this notification or earlier with 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.



Intersil Corporation

PCN10047

CC: J. Touvell D. Foster S. Ang S. Rivet M. Kafi

## ANST EpSOIC Qualification Summary – PCN10047

		<b>Device: ISL6506BCBZ</b>			
<b>Stress / Conditions</b>	<b>Duration</b>	<b>SO091225-A (A09C650789)</b>	<b>SO091225-B (A09C650790)</b>	<b>SO091225-C (A09C650791)</b>	<b>Result</b>
High Temp Storage (HTS) Ta = 150C	1,000 Hrs	26 units	26 units	26 units	Passed
Bond Integrity / Wire Pull Ta = 175C	96 Hrs	5 units, all wires	5 units, all wires	5 units, all wires	Passed
MSL classification	L3 & L2A	22 units	22 units	22 units	Passed
uHAST 130C / 85% RH	96 Hrs	26 units	26 units	26 units	Passed
Temp Cycle -65C to +150C	1000 Cycles	26 units	26 units	26 units	Passed
Solderability test	8 hr steam age	5 units, all leads	5 units, all leads	5 units, all leads	Passed

## Products Affected – PCN10047

HIP6601BECBZ	ISL6506CBZ-T	ISL6613AECBZ-T
HIP6601BECBZ-T	ISL6612AECBZ	ISL6613AEIBZ
HIP6601BECBZA	ISL6612AECBZ-T	ISL6613AEIBZ-T
HIP6601BECBZA-T	ISL6612AECBZ-TS2713	ISL6613BECBZ
HIP6603BECBZ	ISL6612AEIBZ	ISL6613BECBZ-T
HIP6603BECBZ-T	ISL6612AEIBZ-T	ISL6613BEIBZ
ISL6506ACBZ	ISL6612BECBZ	ISL6613BEIBZ-T
ISL6506ACBZ-T	ISL6612BECBZ-T	ISL6613ECBZ
ISL6506BCBZ	ISL6612BEIBZ	ISL6613ECBZ-T
ISL6506BCBZ-T	ISL6612BEIBZ-T	ISL6613ECBZ-TR5169
ISL6506BCBZA	ISL6612ECBZ	ISL6613ECBZ-TR5214
ISL6506BCBZA-T	ISL6612ECBZ-T	ISL6613ECBZA-TR5169
ISL6506BCBZA-TS2490	ISL6612EIBZ	ISL6613ECBZR5214
ISL6506BCBZA-TS2568	ISL6612EIBZ-T	ISL6613EIBZ
ISL6506CBZ	ISL6613AECBZ	ISL6613EIBZ-T