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 8l 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 8l 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.

Jon Brewster

Intersil Corporation PCN10047

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

ANST EpSOIC Qualification Summary – PCN10047

		Device: ISL6506BCBZ			
Stress / Conditions	**Duration**	**SO091225-A (A09C650789)**	**SO091225-B (A09C650790)**	**SO091225-C (A09C650791)**	**Result**
High Temp Storage (HTS) Ta = 150C	1,000 Hrs	26 units	26 units	26 units	Passed
Bond Intergrity / 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
HIP6601BECBZ-T
HIP6601BECBZA
HIP6601BECBZA-T
HIP6603BECBZ
HIP6603BECBZ-T
ISL6506ACBZ
ISL6506ACBZ-T
ISL6506BCBZ
ISL6506BCBZ-T
ISL6506BCBZA
ISL6506BCBZA-T
ISL6506BCBZA-TS2490
ISL6506BCBZA-TS2568
ISL6506CBZ
ISL6506CBZ-T
ISL6612AECBZ
ISL6612AECBZ-T
ISL6612AECBZ-TS2713
ISL6612AEIBZ
ISL6612AEIBZ-T
ISL6612BECBZ
ISL6612BECBZ-T
ISL6612BEIBZ
ISL6612BEIBZ-T
ISL6612ECBZ
ISL6612ECBZ-T
ISL6612EIBZ
ISL6612EIBZ-T
ISL6613AECBZ
ISL6613AECBZ-T
ISL6613AEIBZ
ISL6613AEIBZ-T
ISL6613BECBZ
ISL6613BECBZ-T
ISL6613BEIBZ
ISL6613BEIBZ-T
ISL6613ECBZ
ISL6613ECBZ-T
ISL6613ECBZ-TR5169
ISL6613ECBZ-TR5214
ISL6613ECBZA-TR5169
ISL6613ECBZR5214
ISL6613EIBZ
ISL6613EIBZ-T