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# **PRODUCT CHANGE NOTICE**

**Alternate Manufacturing Site  
for Assembly of the Listed  
Intersil 28I SSOP Products**

**Refer to:  
PCN11116**

**Date: May 29, 2013**

May 29, 2013

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Site for Assembly of the Listed Intersil 28I SSOP Products – ANST (Wuxi CR Micro-Assembly Technology Ltd.)**

**PCN11116 has been updated to inform customers that Intersil has withdrawn/canceled the notice that was issued on November 8, 2011. The use of the ANST (Wuxi CR Micro-Assembly Technology) facility as an alternate site for assembly of the listed products as outlined in the notice has been canceled. The contents of the original notice are included below.**

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 28I SSOP (Small Shrink Outline Package) products. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements. The product and site-specific qualification activities are complete.

Products affected:

HIN211CAZ	ICL3237ECAZ	ICL3241ECAZ-T	ICL3244ECAZ
HIN211CAZ-T	ICL3237ECAZ-T	ICL3241EIAZ	ICL3244ECAZ-T
HIN211ECAZ	ICL3237EIAZ	ICL3241EIAZ-T	ICL3244ECAZ-TS2705
HIN211ECAZ-T	ICL3237EIAZ-T	ICL3241EIAZ-TS2705	ICL3244EIAZ
HIN211ECAZA-TS2490	ICL3237IAZ	ICL3241EIAZ-TS2705A	ICL3244EIAZ-T
HIN211EIAZ	ICL3237IAZ-T	ICL3241IAZ	ICL3245CAZ
HIN211EIAZ-T	ICL3238CAZ	ICL3241IAZ-T	ICL3245CAZ-T
HIN213CAZ	ICL3238CAZ-T	ICL3243CAZ	ICL3245ECAZ
HIN213CAZ-T	ICL3238ECAZ	ICL3243CAZ-T	ICL3245ECAZ-T
HIN213ECAZ	ICL3238ECAZ-T	ICL3243ECAZ	ICL3245ECAZ-TS2705
HIN213ECAZ-T	ICL3238EIAZ	ICL3243ECAZ-T	ICL3245EIAZ
HIN213ECAZ-TR5194	ICL3238EIAZ-T	ICL3243ECAZ-T7A	ICL3245EIAZ-T
HIN213ECAZR5194	ICL3238IAZ	ICL3243ECAZ-TS2568	ISL3332IAZ
HIN213EIAZ	ICL3238IAZ-T	ICL3243EIAZ	ISL3332IAZ-T
HIN213EIAZ-T	ICL3241CAZ	ICL3243EIAZ-T	ISL81334IAZ
HIN241CAZ	ICL3241CAZ-T	ICL3243EIAZ-T7A	ISL81334IAZ-T
ICL3237CAZ	ICL3241CAZ-TS2705	ICL3243IAZ	
ICL3237CAZ-T	ICL3241ECAZ	ICL3243IAZ-T	

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 SSOP products. There will be no change to the package outline drawing, material set, or moisture sensitivity level (MSL). The qualified material set combination is as follows:

Material	Current	ANST
Mold Compound	Sumitomo EME-G600	Sumitomo EME-G600
Die Attach	Ablebond 8290	Ablebond 8290
Bond Wire	1.0 or 1.2 mil Gold (Au)	1.0 or 1.2 mil Gold (Au)

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. In addition, product assembled at ANST may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at ANST is "V".

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 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.

Regards,

*Jon Brewster*

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Intersil Corporation

PCN11116

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# PCN11116 - Reliability Summary

## ANST 28L SSOP ( HIN241CAZ - MSL L3 )

Stress / Conditions	Duration	Result ( Rej / SS )		Remarks
		Test lots ( ANST )	Control lot ( ATP )	
Bond Pull Integrity / Ta = 175C	96 Hrs	0/15	0/15	PASS
MSL Classification	L3	0/66	0/66	PASS
High Temp Storage, Ta = 150C ( HTS )	1000 hrs	0/78	0/78	PASS
Wire Pull after HTS	1000 hrs	0/6	0/6	PASS
uHAST 130C / 85% RH	96 Hrs	0/78	0/78	PASS
Temp Cycle ( -65/+150C )	500 cyc	0/78	0/78	PASS
Wire Pull after Temp Cycle	500 cyc	0/6	0/6	PASS
Product Elect Characterization	NA	PASS		PASS
ESD	NA	PASS		PASS