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# **PRODUCT CHANGE NOTICE**

**Alternate Manufacturing Site  
for Assembly of the Listed  
Intersil 241 SSOP Products**

**Refer to:  
PCN11008**

**Date: January 27, 2011**

January 27, 2011

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Site for Assembly of the Listed Intersil 241 SSOP 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 241 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:

HIN206EIAZ	HIN207ECAZ-T	HIN208EIAZ-T	ICL3217CAZ-T
HIN206EIAZ-T	HIN207EIAZ	ICL3207CAZ	ICL3217ECAZ
HIN206EIAZA	HIN207EIAZ-T	ICL3207CAZ-T	ICL3217ECAZ-T
HIN206EIAZA-T	HIN208ECAZ	ICL3207ECAZ	ICL3217EIAZ
HIN206EIAZA-TS2490	HIN208ECAZ-T	ICL3207ECAZ-T	ICL3217EIAZ-T
HIN207CAZ	HIN208ECAZA-T	ICL3207IAZ	ICL3217IAZ
HIN207CAZ-T	HIN208ECAZA-TS2490	ICL3207IAZ-T	ICL3217IAZ-T
HIN207ECAZ	HIN208EIAZ	ICL3217CAZ	

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
<b>Mold Compound</b>	Sumitomo EME-G600	Sumitomo EME-G600
<b>Die Attach</b>	Alebond 8290	Alebond 8290
<b>Bond Wire</b>	1.0 mil Gold (Au)	1.0 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*

Jon Brewster  
Intersil Corporation

PCN11008

CC: J. Touvell D. Decrosta D. Foster F. Tsng S. Nadarajah

## PCN11008 – Reliability Summary

### ANST 24L SSOP ( HIN208ECAZ - MSL L3 )

Stress/Conditions	Duration	Result ( Reject / SS )		Remarks
		Test lots ( ANST )	Control lot ( ATP )	
MRT 260C ( Pb Free ) Reflow	L3 PBFREE	0/66	0/22	Pass
Storage Life Ta=+150C	1000 Hours	0/78	0/78	Pass
Unbiased HAST 130C / 85% RH	96 Hours	0/78	0/78	Pass
Temp Cycle ( -65/+150c )	500 Cycles	0/78	0/78	Pass
Post TC BPT	500 Cycles	0/6	0/6	Pass
Bond Pull Integrity	96 Hours	0/15	0/15	Pass