

PRODUCT CHANGE NOTICE

**Alternate Manufacturing Site for
Assembly of Intersil Product
X24645S8IZ-2.7T1**

**Refer to:
PCN10012**

Date: February 8, 2010

February 8, 2010

To: Our Valued Intersil Customer

Subject: **Alternate Manufacturing Site for Assembly of Intersil Product X24645S8IZ-2.7T1 – ANST (Wuxi CR Micro-Assembly Technology Ltd.)**

This notice is to inform you that Intersil has qualified the ANST (*Wuxi CR Micro-Assembly Technology Ltd.*) facility as an alternate site for assembly of the X24645S8IZ-2.7T1 SOIC (Small Outline IC) plastic packaged product. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements. The site and package specific qualification activities are complete.

The ANST facility is ISO 9001:2008 and ISO/TS 16949:2002 certified and currently a primary supplier to Intersil for assembly of packaged products. The ANST facility is currently Intersil qualified for assembly of various package styles, including SOIC 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	Present Facility	ANST Facility
Mold Compound	Sumitomo EME-G600 series	Sumitomo EME-G600 series
Die Attach	Sumitomo CRM-1033BF	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 attached for reference. 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 immediately. 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

PCN10012

CC: J. Touvell D. Foster C. Chiraphanda S. Ang J. Broline L. Tran

PCN10012 – SOIC Qualification Summary

Legend

Fail	Warning	Pass	QBE	Waived	NA
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Reliability Test	X24645S8IZ.2.7T1 - ANST fabricated using YKS-C5.63 8 LEAD SOIC at ANS using SG600, A8290	X24645S8IZ.2.7T1 - LINGSEN CONTROL LOT fabricated using YKS-C5.63 8 LEAD SOIC at LPT using SG600, SUMITOMO_CRM-1033BF	Comments
Temperature/Humidity/Bias	SRN080221 Rev 0 0/80 85C, 85%RH PRECOND L1 PBFREE 1000hr completed 2008-09-02 disposition=A	NA	
Storage Life	SRN090254 Rev 0 0/78 150C BAKE AND REFLOW 1000hr completed 2010-01-13 disposition=C	SRN090262 Rev 0 0/26 150C BAKE AND REFLOW 1000hr completed 2010-01-13 disposition=C	
Moisture Sensitivity Classification	MRT09110 MSL=3 @260C (Pb Free) Approved=Yes	MRT09112 MSL=3@260C (Pb Free) Approved=Yes	
Unbiased HAST	SRN090254 Rev 0 0/78 130C, 85%RH PRECOND L3 PBFREE 96hr completed 2010-01-13 disposition=C	SRN090262 Rev 0 0/26 130C, 85%RH PRECOND L3 PBFREE 96hr completed 2010-01-13 disposition=C	
Temperature Cycle	SRN090254 Rev 0 0/78 -65C TO 150C PRECOND L3 PBFREE 500cy completed 2009-12-23 disposition=C	SRN090262 Rev 0 0/26 -40C TO 125C PRECOND L3 PBFREE 1000cy completed 2010-01-20 disposition=C	