

PRODUCT CHANGE NOTICE

**Wafer Fabrication Site Change for
Intersil ISL59833* and ISL59837*
Products**

**Refer to:
PCN10033**

Date: April 2, 2010

April 2, 2010

To: Our Valued Intersil Customer

Subject: **Wafer Fabrication Site Change for Intersil ISL59833* and ISL59837* Products – NXP Semiconductor Nijmegen, Netherlands**

This notice is to inform you that Intersil is qualifying the NXP Semiconductor facility in Nijmegen, Netherlands for wafer fabrication of the ISL59833* and ISL59837* QuBiC3 technology products. The change in wafer fabrication site is necessary as the NXP facility in Fishkill, New York has discontinued manufacturing operations. The QuBiC3 technology wafer fabrication operations have been relocated from the NXP Fishkill to the NXP Nijmegen facility. The product and site-specific qualification activities are in progress and scheduled to complete during June 2010.

Product Affected:

ISL59833IAZ	ISL59833IAZ-T7S2705	ISL59837IAZ-T7
ISL59833IAZ-T7	ISL59837IAZ	

The NXP Nijmegen facility is ISO 9001:2000 and ISO/TS 16949:2002 certified. The product and site qualification plans are 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 plan is attached for reference. The qualification results will be available upon completion by request. The remainder of the manufacturing operations (wafer level electrical testing (wafer/circuit probe), package assembly, package electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems.

There will be no change to the product data sheet specification or external marking of the packaged products. Product affected by this change is identifiable via Intersil's internal traceability system.

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. Upon successful completion of qualification requirements, customers may expect to receive product from either the current or the newly qualified sites beginning 90-days from the date of this notification.

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

PCN10033

CC: J. Touvell J. McNamara J. Yun L. Tran K. Tucker J. Bailey

PCN10033 – NXP QuBiC3 Technology Qualification

Test Name	Conditions	Duration	Product	# of Lots	Sample Size	Rejects	Comments
Unbiased HAST	130°C, 85%RH	96 hrs	EL8200	2	78	0	Completed. Passed 78/0.
Biased HAST			ISL59837	2	78	-	In Progress
HTOL	+125°C	1000 hrs	EL8200	3	234	0	Completed. Passed 234/0.
			ISL59837	2	156	-	In Progress. 168HR passed.
Temperature Cycle	-65°C TO 150°C	500 hrs	EL8200	2	78	0	Completed. Passed 78/0.
	-40°C TO 125°C	1000 hrs	ISL59837	2	78	-	In Progress
Destructive Wire Pull after Temperature Cycle			ISL59837	2	4	-	Pending Completion of Temperature Cycle.
Storage Life	+150°C	1000 hrs	ISL59837	2	78	-	In Progress
Bond Pull Integrity	+175°C	96 hrs	ISL59837	2	10	-	In Progress
Moisture Sensitivity Classification			ISL59837	2	44	-	In Progress. MSL 2