

# **PRODUCT CHANGE NOTICE**

**Wafer Fabrication Site Change for  
Intersil EL5202\* and EL5203\*  
Products**

**Refer to:  
PCN10051**

**Date: May 25, 2010**

May25, 2010

To: Our Valued Intersil Customer

Subject: **Wafer Fabrication Site Change for Intersil EL5202\* and EL5203\* 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 EL5202\* and EL5203\* HS6 technology products. The change in wafer fabrication site is necessary as the NXP facility in Fishkill, New York has discontinued manufacturing operations. The HS6 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 Q4'2010.

Product Affected:

EL5202IYZ	EL5203ISZ	EL5203IYZ
EL5202IYZ-T13	EL5203ISZ-T13	EL5203IYZ-T13
EL5202IYZ-T7	EL5203ISZ-T7	EL5203IYZ-T7

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 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.

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.



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Intersil Corporation

PCN10051

CC: J. Touvell J. McNamara J. Yun D. Ngo J. Bailey

## **PCN10051 – NXP HS6 Technology Qualification**

Test Name	Conditions	Duration	Product	# of Lots	Sample Size	Rejects
Unbiased HAST	130°C, 85%RH	96 hrs	EL4543	3	78	-
			EL5202	1	78	-
Biased HAST			EL4543	3	78	-
HTOL	+125°C	1000 hrs	EL4543	3	234	-
			EL5202	2	156	-
Temperature Cycle	-40°C TO 125°C	1000 hrs	EL4543	3	78	-
			EL5202	1	78	-
Storage Life	+150°C	1000 hrs	EL4543	3	78	-
Bond Pull Integrity	+175°C	96 hrs	EL4543	3	6	-
Moisture Sensitivity Classification			EL4543	3	66	-
			EL5202	1	22	-