
PRODUCT CHANGE NOTICE

**Wafer Fabrication Site Change
for Intersil EL5170* and
EL5171* Products**

**Refer to:
PCN11061**

Date: July 7, 2011

July 7, 2011

To: Our Valued Intersil Customer

Subject: **Wafer Fabrication Site Change for Intersil EL5170* and EL5171* Products –**
NXP Semiconductor Nijmegen, Netherlands

This notice is to inform you that Intersil has qualified the NXP Semiconductor facility in Nijmegen, Netherlands for wafer fabrication of the EL5170* and EL5171* 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 complete.

Product Affected:

EL5170IS	EL5170ISZ-T7	EL5170IYZ-T7	EL5171ISZ
EL5170IS-T7	EL5170IY-T7	EL5171IS	EL5171ISZ-T13
EL5170ISZ	EL5170IYZ	EL5171IS-T13	EL5171ISZ-T7
EL5170ISZ-T13	EL5170IYZ-T13	EL5171IS-T7	EL5171ISZ-T7A

The NXP Nijmegen facility is ISO 9001:2008 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 results is included for reference. 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 specifications 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 agreed upon customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to receive product from 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
Intersil Corporation

PCN11061

CC: J. Touvell J. McNamara J. Yun C. Ludeman U. Mehta S. Hsiung

PCN11061 – EL5170/EL5171 Qualification Summary

Legend

Fail	Warning	Pass	QBE	Waived	NA
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Reliability Test	EL5170 MSOP fab'ed using PHILIPS-HS6 8 LEAD MSOP at UNM	EL5170 SOIC fab'ed using PHILIPS-HS6 8 LEAD SOIC at UNM	EL5171 fab'ed using PHILIPS-HS6 8 LEAD SOIC at UNM	Comments
High Temperature Operating Life	SRN100343 Rev 0 0/78 100C 3000hr completed 2011-03-02	SRN100343 Rev 0 0/78 100C 3000hr completed 2011-03-02	SRN100343 Rev 0 0/78 100C 3000hr completed 2011-03-02	EL5170 MSOP and EL5171: QBE'd from EL5170 SOIC package
Product Electrical Characterization	Completed by Product Engineering	Completed by Product Engineering	Completed by Product Engineering	EL5170 MSOP and EL5171: QBE'd from EL5170 SOIC
ESD Characterization	Completed by Product Engineering HBM = 3KV CDM = 1KV MM = 250V	Completed by Product Engineering HBM = 3KV CDM = 1KV MM = 250V	Completed by Product Engineering HBM = 3KV CDM = 1KV MM = 250V	EL5170 MSOP and EL5171: QBE'd from EL5170 SOIC
Latch-up Characterization	Completed by Product Engineering Passed at Room Temp	Completed by Product Engineering Passed at Room Temp	Completed by Product Engineering Passed at Room Temp	EL5170 MSOP and EL5171: QBE'd from EL5170 SOIC