

---

# **PRODUCT CHANGE NOTICE**

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

**Refer to:  
PCN11065**

**Date: July 8, 2011**

July 8, 2011

To: Our Valued Intersil Customer, Extron Electronics

Subject: **Wafer Fabrication Site Change for Intersil EL5202\* and EL5203\* 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 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 complete.

Product Affected:

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

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. Extron 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

PCN11065

CC: J. Touvell J. McNamara J. Yun R. Sargis S. Hsiung K. Ono

# PCN11065 – EL5202 Qualification Summary

## Legend

Fail	Warning	Pass	QBE	Waived	NA
------	---------	------	-----	--------	----

Reliability Test	EL5202 fab'ed using PHILIPS-HS6 10 LEAD MSOP at UNM	Comments
High Temperature Operating Life	SRN100279 Rev 0 0/80 125C 168hr completed 2010-09-29	
Moisture Sensitivity Classification	MRT10104 MSL=1@260C (Pb Free) Approved=Yes	
Unbiased HAST	SRN100279 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-10-13	
Temperature Cycle	SRN100279 Rev 0 0/79 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2010-11-15	
Product Electrical Characterization	Completed by Product Engineering	
ESD Characterization	Completed by Product Engineering. HMB = 3000V MM = 300V CDM = 1000V	
Latch-up Characterization	Completed by Product Engineering Passed 100mA at 90C	

# PCN11065 – EL5203 Qualification Summary

## Legend

Fail	Warning	Pass	QBE	Waived	NA
------	---------	------	-----	--------	----

Reliability Test	EL5203ISZ fab'ed using PHILIPS-HS6 8 LEAD SOIC at UNM	EL5203IYZ fab'ed using PHILIPS-HS6 8 LEAD MSOP at UNM	Comments
High Temperature Operating Life	SRN100279 Rev 0 0/80 125C 168hr completed 2010-09-29	SRN100279 Rev 0 0/80 125C 168hr completed 2010-09-29	EL5203ISZ and EL5203IYZ: QBE from EL5202
Temperature/Humidity/No Bias	SRN080204 Rev 0 0/90 85C, 85%RH PRECOND L3 PBFREE 1000hr completed 2008-08-15	NA	EL5203ISZ: QBE from EL1883
Moisture Sensitivity Classification	MRT11047 MSL=1@260C (Pb Free) Approved=Yes	MRT10104 MSL=1@260C (Pb Free) Approved=Yes	EL5203IYZ: QBE from EL5202
Unbiased HAST	NA	SRN100279 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-10-13	EL5203IYZ: QBE from EL5202
Temperature Cycle	SRN080204 Rev 0 0/90 -40C TO 125C PRECOND L3 PBFREE 1000cy completed 2008-08-07	SRN100279 Rev 0 0/79 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2010-11-15	EL5203ISZ and EL5203IYZ: QBE from EL1883
Product Electrical Characterization	Completed by Product Engineering	Completed by Product Engineering	EL5203ISZ and EL5203IYZ: QBE from EL5202
ESD Characterization	Completed by Product Engineering HMB = 3000V MM = 300V CDM = 2000V	Completed by Product Engineering. HMB = 3000V MM = 300V CDM = 2000V	EL5203ISZ and EL5203IYZ: QBE HMB and MM from EL5202
Latch-up Characterization	Completed by Product Engineering Passed 100mA at 90C	Completed by Product Engineering Passed 100mA at 90C	EL5203ISZ and EL5203IYZ: QBE from EL5202