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# **PRODUCT CHANGE NOTICE**

**Wafer Fabrication Site Change for  
Intersil ISL1557\*, ISL1557A\*,  
ISL1571\*, and ISL1572\* Products**

**Refer to:  
PCN11082**

**Date: August 18, 2011**

August 18, 2011

To: Our Valued Intersil Customer

Subject: **Wafer Fabrication Site Change for Intersil ISL1557\*, ISL1557A\*, ISL1571\* and ISL1572\* 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 ISL1557\*, ISL1557A\*, ISL1571\* and ISL1572\* 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:

ISL1557AIRZ	ISL1557IRZ-T7	ISL1571IUEZ-T7
ISL1557AIRZ-T7	ISL1557IUEZ	ISL1572IRZ
ISL1557AIRZ-T7S2705	ISL1557IUEZ-T7	ISL1572IRZ-T7
ISL1557AIUEZ	ISL1571IRZ	ISL1572IUEZ
ISL1557AIUEZ-T7	ISL1571IRZ-T7	ISL1572IUEZ-T7
ISL1557IRZ	ISL1571IUEZ	

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

PCN11082

CC: J. Touvell J. McNamara M. Lee R. Sargis P. Graves

# PCN11082 – Qualification Summary

## Legend

Fail	Warning	Pass	QBE	Waived	NA
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	<b>ISL1557</b> fab'ed using HS6  16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM	<b>ISL1557A</b> fab'ed using HS6  16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM	<b>ISL1557B</b> fab'ed using PHILIPS-HS6  16 LEAD 4X4 QFN using G770HCD, A8290 at UNM	<b>ISL1571</b> fab'ed using HS6  16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM	<b>ISL1572</b> fab'ed using HS6  16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM	<b>Comments</b>
High Temperature Operating Life	SRN100330 Rev 0 0/80 125C 1000hr completed 2010-11-02 disposition=A	SRN100330 Rev 0 0/80 125C 1000hr completed 2010-11-03 disposition=A	SRN100330 Rev 0 0/80 125C 1000hr completed 2010-11-03 disposition=A	SRN100330 Rev 0 0/80 125C 1000hr completed 2010-11-03 disposition=A	SRN100330 Rev 0 0/80 125C 1000hr completed 2010-11-03 disposition=A	ISL1557/57A/71/72  <b>QBE: Reference ISL1557B</b>
Bond Pull Integrity	SRN100330 Rev 0 0/0 175C 96hr completed 2011-01-26 disposition=A	SRN100330 Rev 0 0/0 175C 96hr completed 2011-01-26 disposition=A	SRN100330 Rev 0 0/0 175C 96hr completed 2011-01-26 disposition=A	SRN100330 Rev 0 0/0 175C 96hr completed 2011-01-26 disposition=A	SRN100330 Rev 0 0/0 175C 96hr completed 2011-01-26 disposition=A	ISL1557/57A/71/72  <b>QBE: Reference ISL1557B</b>
Moisture Sensitivity Classification	MRT10172 MSL=1@260C (Pb Free) Approved=Yes	MRT10172 MSL=1@260C (Pb Free) Approved=Yes	MRT10172 MSL=1@260C (Pb Free) Approved=Yes	MRT10172 MSL=1@260C (Pb Free) Approved=Yes	MRT10172 MSL=1@260C (Pb Free) Approved=Yes	ISL1557/57A/71/72  <b>QBE: Reference ISL1557B</b>
Unbiased HAST	SRN100330 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-12-14 disposition=A	SRN100330 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-12-14 disposition=A	SRN100330 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-12-14 disposition=A	SRN100330 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-12-14 disposition=A	SRN100330 Rev 0 0/78 130C, 85%RH PRECOND L1 PBFREE 96hr completed 2010-12-14 disposition=A	ISL1557/57A/71/72  <b>QBE: Reference ISL1557B</b>

	<b>ISL1557</b>  fab'ed using HS6  <b>16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM</b>	<b>ISL1557A</b>  fab'ed using HS6  <b>16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM</b>	<b>ISL1557B</b>  fab'ed using PHILIPS-HS6  <b>16 LEAD 4X4 QFN using G770HCD, A8290 at UNM</b>	<b>ISL1571</b>  fab'ed using HS6  <b>16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM</b>	<b>ISL1572</b>  fab'ed using HS6  <b>16 LEAD 4X4 QFN using G770HCD, A8290, 1 MILD GOLD wire at UNM</b>	<b>Comments</b>
Reliability Test						
Temperature Cycle	SRN100330 Rev 0 0/78 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2011-01-05 disposition=A	SRN100330 Rev 0 0/78 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2011-01-05 disposition=A	SRN100330 Rev 0 0/78 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2011-01-05 disposition=A	SRN100330 Rev 0 0/78 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2011-01-05 disposition=A	SRN100330 Rev 0 0/78 -40C TO 125C PRECOND L1 PBFREE 1000cy completed 2011-01-05 disposition=A	ISL1557/57A/ 71/72  <b>QBE: Reference ISL1557B</b>
Product Electrical Characterization	Performed by Product Engineering	Performed by Product Engineering	Performed by Product Engineering	Performed by Product Engineering	Performed by Product Engineering	
ESD Characterization	Performed by Product Engineering  HBM=2000V CDM=1500V MM=200V	Performed by Product Engineering  HBM=2000V CDM=1500V MM=200V	Performed by Product Engineering  HBM=2000V CDM=1500V MM=200V	Performed by Product Engineering  HBM=2000V CDM=1500V MM=200V	Performed by Product Engineering  HBM=2000V CDM=1500V MM=200V	ISL1557/57A/ 71/72  <b>QBE: Reference ISL1557B</b>
Latch-up Characterization	Performed by Product Engineering  Latch Up Pass Level A Class II	Performed by Product Engineering  Latch Up Pass Level A Class II	Performed by Product Engineering  Latch Up Pass Level A Class II	Performed by Product Engineering  Latch Up Pass Level A Class II	Performed by Product Engineering  Latch Up Pass Level A Class II	ISL1557/57A/ 71/72  <b>QBE: Reference ISL1557B</b>