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# **PRODUCT CHANGE NOTICE**

**Wafer Fabrication Site Change  
for Intersil Product  
ISL55015IEZ-T7**

**Refer to:  
PCN10115**

**Date: November 3, 2010**

November 3, 2010

To: Our Valued Intersil Customer

Subject: **Wafer Fabrication Site Change for Intersil Product ISL55015IEZ-T7 –**  
*NXP Semiconductor Nijmegen, The Netherlands*

This notice is to inform you that Intersil has qualified the NXP Semiconductor facility in Nijmegen, The Netherlands for wafer fabrication of the ISL55015IEZ-T7 QuBiC3 technology product. 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 QuBiC3 process/technology and ISL55015IEZ-T7 product specific qualification activities are complete.

The NXP Nijmegen facility is ISO 9001:2000 and ISO/TS 16949:2002 certified. The process /technology and product 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 are 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 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. Customers may expect to receive product from either the current or the newly qualified sites beginning 90-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.

*Jon Brewster*

Jon Brewster  
Intersil Corporation

PCN10115

CC: J. McNamara A. Dave L. Tran R. Sargis D. Ngo

## PCN10115 – NXP CQuBiC3 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          | 0       | Completed. Passed 78/0.  |
| HTOL                                | +125°C         | 1000 hrs    | EL8200   | 3         | 234         | 0       | Completed. Passed 234/0. |
|                                     |                |             | ISL59837 | 2         | 156         | 0       | Completed. Passed 156/0. |
|                                     |                | 168 hrs     | ISL28136 | 1         | 78          | 0       | Completed Passed 78/0.   |
|                                     |                |             | ISL28248 | 1         | 78          | 0       | Completed Passed 78/0.   |
|                                     |                |             | ISL55015 | 1         | 70          | 0       | Completed Passed 70/0.   |
| Temperature Cycle                   | -65°C TO 150°C | 500 Cycles  | EL8200   | 2         | 78          | 0       | Completed. Passed 78/0.  |
|                                     | -40°C TO 125°C | 1000 Cycles | ISL59837 | 2         | 78          | 0       | Completed. Passed 78/0.  |
| Storage Life                        | +150°C         | 1000 hrs    | ISL59837 | 2         | 78          | 0       | Completed. Passed 78/0.  |
| Bond Pull Integrity                 | +175°C         | 96 hrs      | ISL59837 | 2         | 10          | 0       | Completed. Passed 10/0.  |
| Moisture Sensitivity Classification | MSL2           |             | EL8200   | 2         | 22          | 0       | Completed. Passed 22/0.  |
|                                     |                |             | ISL59837 | 2         | 44          | 0       | Completed. Passed 44/0.  |