
PRODUCT CHANGE NOTICE

Wafer Fabrication Site Change for the Listed Intersil Products

**Refer to:
PCN10052**

Date: August 23, 2010

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To: Our Valued Intersil Customer

Subject: **Wafer Fabrication Site Change for the Listed Intersil 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 listed QuBiC3 technology products. 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 process/technology related qualification activities are complete. The product specific qualification activities are in progress or have already completed (reference the technology qualification summary for status).

Product Affected:

EL8170FSZ	ISL28136FHZ-T7	ISL28248FBZ-T7S2490
EL8170FSZ-T7	ISL28136FHZ-T7A	ISL28248FUZ
EL8172FSZ	ISL28195FHZ-T7	ISL28248FUZ-T7
EL8172FSZ-T7	ISL28195FRUZ-T7	ISL28248FUZ-T7S2490
ISL28136FBZ	ISL28248FBZ	ISL28278FAZ
ISL28136FBZ-T7	ISL28248FBZ-T7	ISL28278FAZ-T7

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 plan is attached for reference. The qualification results will be available upon completion by request. The remainder of the manufacturing operations (wafer level electrical testing (wafer/circuit probe), 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. Upon successful completion of qualification requirements, customers may expect to receive product from either the current or the newly qualified sites beginning 90-days from the date of this notification.

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.

Jon Brewster

Intersil Corporation

PCN10052

CC: J. Touvell J. McNamara J. Yun L. Tran T. Ochoa J. Bailey S. Ichikawa Q. Harris

PCN10052 – 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	EL8172	1	78	-	
			ISL28136	1	78	0	Completed Passed 78/0.
			ISL28195	1	78	-	
			ISL28248	1	78	-	
			ISL28278	1	78	-	
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.