
PRODUCT CHANGE NOTICE

**Alternate Process Qualification
– No Back Side Coating for
the Listed Intersil WLCSP
Products**

**Refer to:
PCN15001**

Date : January 12, 2015

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To: Our Valued Intersil Customer

Subject: Alternate Process Qualification– No Back Side Coating for the Listed Intersil WLCSP Products

This notice is to inform you that Intersil has qualified a change that standardizes the assembly process for the listed WLCSP (Wafer Level Chip Scale Package) packaged products. The change eliminates the epoxy coating on the backside of the product for flow standardization. The change is necessary to maintain product manufacturability in support of customer delivery requirements.

Products affected:

ISL98607AEIAZ-T
ISL98607EIAZ-TR5574
ISL98607EIAZ-TR5576
ISL98607EIAZ-TR5593
ISL98607EIAZ-TR5616
ISL98607EIAZ-TR5618
ISL98607EIAZ-TR5622
ISL98607EIAZ-TR5640
ISL98607EIAZ-TR5643
ISL98607EIAZ-TS2722
ISL98607EIAZ-TS2724

The qualification plan is designed using JEDEC and other applicable industry standards to confirm form, fit, function, and interchangeability of product. A summary of the qualification results are included for reference. The remainder of the manufacturing operations (wafer fabrication, package level electrical testing, etc.) will continue to be processed to previously established conditions and systems.

There will be no change in the external marking of the packaged parts or to the product data sheet electrical specification. 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 manufactured with the changed materials 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,



June Chan Chin Chin
Intersil Corporation

PCN15001

cc: :

S.Gupta J.Touvell D.Singh D. Decrosta S. Nadarajah CC Choo JK Tan D.Sameer P.Bianco
A.Vaughn C.Lister C. Ho B.Wan

PCN15001 – Reliability Qualification Results

Stress / Conditions	Duration	ISL9110S 20 Ball 4 x 5 WLCSP	ISL9110A 20 Ball 4 x 5 WLCSP
Moisture Sensitivity Classification		N = 22 Acc = 0 L1 PB FREE	N/A
High Temperature Operating Life +125 °C	1000 Hrs	N=78 Acc = 0	N=78 Acc = 0
High Temperature Storage TA = +150 °C	1000 Hrs	N=78 Acc = 0	N=79 Acc = 0
Biased HAST +130 °C / 85% RH	96 Hrs	N=78 Acc = 0	N/A
Unbiased HAST +130 °C / 85% RH	96 Hrs	N/A	N=500 Acc = 0
Temp Cycle +125 °C / -40 °C	500 Cy	N=78 Acc = 0	N/A
Temp Cycle +125 °C / -40 °C	1000 Cy	N/A	N=79 Acc = 0
Temperature/Humidity/Bias +85 °C / 85% RH	1000 Hrs	N/A	N=78 Acc = 0

 Qualified by Extension (QBE)