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# **PRODUCT CHANGE NOTICE**

**Alternate Leadframe Material  
for Assembly of the Listed  
Intersil TQFP and LQFP  
Packaged Products**

**Refer to:  
PCN15013**

**Date : February 18, 2015**

February 18, 2015

To: Our Valued Intersil Customer

**Subject : Alternate Leadframe Material for Assembly of the Listed Intersil TQFP and LQFP Packaged Products**

This notice is to inform you that Intersil has qualified a change that standardizes materials and the assembly process for the listed TQFP (Thin Quad Flatpack Package) and LQFP (Low Quad Flatpack Package) packaged products. The change implements the use of a higher quality copper leadframe material (old : EFTEC64T; new : C194). The change is necessary to maintain product manufacturability in support of customer delivery requirements.

Products affected:

HI5628/6INZ	ISL5314IN	ISL5629INZ	ISL5829/2INZ	ISL78010ANZ-T
HI5628INZ	ISL5314INZ	ISL5727INZ	ISL5829INZ	ISL78010ANZ-TR5503
HI5728/6INZ	ISL53570IQZR5267	ISL5729/2INZ	ISL5927INZ	ISL78022ANZ
HI5728INZ	ISL5627INZ	ISL5729INZ	ISL5929INZ	ISL78022ANZ-T
HI5728INZ-T	ISL5629/2INZ	ISL5827INZ	ISL78010ANZ	ISL78022ANZ-TR5492

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

PCN15013

cc: :

J.Touvell	D. Decrosta	S. Nadarajah	M.Carmody	S.Turner	K.Dodson
D.Wackley	P.Graves	R.Pitts	L.Lin	E.Kohler	

## PCN15013 – Reliability Qualification Results

Stress / Conditions	Duration	ISL78022ANZ-TR5492 32 Leads TQFP 7mm x 7mm
Moisture Sensitivity Classification		N = 66 Acc = 0 L3 PB FREE
Unbiased HAST +130°C / 85% RH	96 Hrs	N = 240 Acc = 0
Temp Cycle +150°C / -65°C	500 Cyc	N = 237 Acc = 0
High Temperature Storage T <sub>A</sub> = +150°C	500 Hrs	N = 50 Acc = 0

 Qualification Completed and Passed