

## Product Change Notice (PCN)

**Subject:** Alternate assembly facility of the listed Intersil DFN / QFN packaged products

**Publication Date:** 10/6/2016

**Effective Date:** 1/4/2017

**Revision Description:**

Initial Release

**Description of Change:**

Alternate assembly facility of the listed Intersil DFN / QFN packaged products

- *Advanced Semiconductor Engineering , Chung-Li County , Taiwan R.O.C*

**Reason for Change:**

This notice is to inform you that Intersil will begin using Advance Semiconductor Engineering Chung Li (ASE-CL) facility as alternate assembly facility of the listed Intersil DFN / QFN (Dual / Quad Flat No-lead) packaged products. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements.

**Impact on fit, form, function, quality & reliability:**

The ASE-CL facility is ISO9001:2008 and ISO/TS16949:2009 certified. There is no change in the manufacturing process flow, Moisture Sensitivity Level (MSL), Form, Fit, Function or interchangeability of the product.

The assembly qualification plan is designed using JEDEC and other applicable industry standards. A summary of the qualification results are shown in Appendix B.

**Product Identification:**

Product affected by this change is identifiable via Intersil's internal traceability system. In addition, product assembled at ASECL may also be identified by the assembly site code (country of assembly) when marked on the devices. The site code for product assembled at ASECL is "U".

**Qualification status:** Site and product verification at ASECL - completed

**Sample availability:** 10/3/2016

**Device material declaration:** Available upon request

*Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Intersil within 30 days of the publication date.*

**For additional information regarding this notice, please contact your regional change coordinator (below)**

Americas: <a href="mailto:PCN-US@INTERSIL.COM">PCN-US@INTERSIL.COM</a>	Europe: <a href="mailto:PCN-EU@INTERSIL.COM">PCN-EU@INTERSIL.COM</a>	Japan: <a href="mailto:PCN-JP@INTERSIL.COM">PCN-JP@INTERSIL.COM</a>	Asia Pac: <a href="mailto:PCN-APAC@INTERSIL.COM">PCN-APAC@INTERSIL.COM</a>
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Appendix A - Affected Products List (see attached)

**Product List**

ZL1505ALNFT	ZL2006ALNF	ZL6100ALAF TK	ZL6105ALAF TKR5649
ZL1505ALNFT1	ZL2006ALNFT	ZL6100ALAF TS2705	ZL6105ALAF TKR5653
ZL1505ALNFT1S2568	ZL2006ALNFT1	ZL6102ALAF	ZL6105ALAF TKS2705
ZL1505ALNFT6	ZL2008ALBFT	ZL6102ALAF T	ZL6105ALAF TKS2768
ZL1505ALNFT6S2568	ZL2008ALBFT1	ZL6102ALAF TK	ZL6105ALAF TR5546
ZL2004ALNF	ZL2008ALBFT1S2568	ZL6102ALAF TKR5529	ZL8800ALAF T
ZL2004ALNF-01	ZL2008EALAF T	ZL6102ALBF	ZL8800ALAF T7A
ZL2004ALNFT	ZL2008EALAF T1	ZL6102ALBF TK	ZL8800ALAF TK
ZL2004ALNFT-01	ZL2008EALAF T1R5540	ZL6102ALCF	ZL8800ALAF TKR5637
ZL2004ALNFT1	ZL2008EALAF T1R5558	ZL6102ALCF TK	ZL8800ALAF TKR5662
ZL2004ALNFT1-01	ZL2101ALAF	ZL6105ALAF	ZL8800ALAF TKS2568
ZL2005ALAF T1-04	ZL2101ALAF T	ZL6105ALAF T	ZL8800ALBF T
ZL2005ALNF	ZL2101ALAF TK	ZL6105ALAF TK	ZL8800ALBF T7A
ZL2005ALNFT	ZL2101ALAF TKR5606	ZL6105ALAF TK-02	ZL8800ALBF TK
ZL2005ALNFT1	ZL2105ALNF	ZL6105ALAF TKR5546	ZL8800ALBF TKR5637
ZL2005ALNFT1S2568	ZL2105ALNFT	ZL6105ALAF TKR5549	ZL8800ALBF TKS2568
ZL2005ALPF-03	ZL2105ALNFT1	ZL6105ALAF TKR5553	ZLS1003ALAF TK
ZL2005ALPFT-03	ZL2106ALCF	ZL6105ALAF TKR5554	ZLS4009ALAF T
ZL2005ALPFTK-03	ZL2106ALCF T	ZL6105ALAF TKR5619	ZLS4009ALAF T7A
ZL2005PALRFT	ZL2106ALCF TK	ZL6105ALAF TKR5638	ZLS4009ALAF TK
ZL2005PALRFT1	ZL6100ALAF	ZL6105ALAF TKR5639	ZLS4010ALAF TS2705
ZL2005PALRFT1R5540	ZL6100ALAF T	ZL6105ALAF TKR5646	ZLS4010ALBF TS2705

Appendix B - Qualification Results (see attached)

	Duration	ZL1505ALNFT 10 Leads 3mm x 3mm x 1mm DFN	ZL8800ALAF TK 44 Leads 7mm x 7mm x 1mm QFN
Moisture Sensitivity Classification (MSL)		N = 66 Acc = 0 L2 Pb Free	N = 66 Acc = 0 L2 Pb Free
Biased HAST +130°C / 85% RH	96 Hrs	N = 80 Acc = 0	N = 80 Acc = 0
Unbiased HAST (u-HAST) +130°C / 85% RH	96 Hrs	N = 240 Acc = 0	N = 80 Acc = 0
Hot Temperature Storage (HTS) +150°C	1000 Hrs	N = 240 Acc = 0	N = 80 Acc = 0
Temperature Cycle (TCT) -40°C / +125°C	1000 cyc	N = 240 Acc = 0	N = 80 Acc = 0



Qualified by Extension  
Qualification completed and passed