

Product Change Notice (PCN)

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

Publication Date: 3/31/2017

Effective Date: 6/26/2017

Description of Change:

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

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

Revision Description:

Revision A : Updated the affected product list – added ZL8801ALAF*, and ZL8802ALAF*

Revision B :

Updated the list of affected products to include affected Module products. The change is only to the controllers (DFN/QFN) that are in the Module Bill of Material (BOM).

1. Refer Appendix A , for affected controller (DFN/QFN) part number .
2. Refer Appendix C, for affected controller (DFN/QFN) part numbers mapped to the associated Module part number.

Reason for Change:

This notice is to inform you that Intersil will begin using Advanced 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: 3/31/2017

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: PCN-US@INTERSIL.COM	Europe: PCN-EU@INTERSIL.COM	Japan: PCN-JP@INTERSIL.COM	Asia Pac: PCN-APAC@INTERSIL.COM

Appendix A – Affected controllers (DFN/QFN) part number

Affected Controller
ZL1505ALNFT1
ZL6105ALAFTR5554
ZL6105ALBFTKR5553
ZL6105ALBFTKR5554
ZL8101ALAFTR5475
ZL8101ALAFTR5519
ZL8101ALBFTKR5475
ZL8101ALBFTKR5519
ZL8101ALCFTKR5475
ZL8101ALCFTKR5519
ZLS4001ALAFTR
ZLS4001ALBFTK
ZLS4001ALCFTK
ZLS4002ALAFTR
ZLS4002ALBFTK
ZLS4003ALAFTR
ZLS4004ALAFTR
ZLS4005ALAFTR
ZLS4006ALAFTR
ZLS4007ALAFTR
ZLS4011ALAFTR
ZLS4011ALBFTK
ZLS4012ALAFTR
ZLS4013ALAFTR

Appendix B - Qualification Results for the Controller (DFN/QFN) (see attached)

	Duration	ZL1505ALNFT 10 Leads 3mm x 3mm x 1mm DFN	ZL8800ALAFTR 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

Appendix C- Affected controller (DFN/QFN) part numbers mapped to the associated Module part number

Affected Controller	Affected Module
ZL1505ALNFT1	ZL9101MAIRZ ZL9101MAIRZ-T ZL9101MAIRZ-TS2490 ZL9101MBIRZ ZL9101MBIRZ-T ZL9101MIRZ ZL9101MIRZ-T ZL9117MAIRZ ZL9117MAIRZ-T ZL9117MAIRZ-TS2490 ZL9117MBIRZ ZL9117MBIRZ-T ZL9117MIRZ ZL9117MIRZR5494 ZL9117MIRZ-T ZL9117MIRZ-TR5494 ZL9122MAIRZ ZL9122MAIRZ-T ZL9122MBIRZ ZL9122MBIRZ-T ZL9122MIRZ ZL9122MIRZ-T
ZL6105ALAFTR5554	ZL9010MIRZ ZL9010MIRZ-T
ZL6105ALBFTKR5553	ZL9006MAIRZ ZL9006MAIRZ-T ZL9006MAIRZ-TS2490
ZL6105ALBFTKR5554	ZL9010MAIRZ ZL9010MAIRZR5686 ZL9010MAIRZ-T ZL9010MAIRZ-TR5686 ZL9010MAIRZ-TS2490
ZL8101ALAFTR5475	ZL9117MIRZ ZL9117MIRZR5494 ZL9117MIRZ-T ZL9117MIRZ-TR5494
ZL8101ALAFTR5519	ZL9101MIRZ ZL9101MIRZ-T

Affected Controller	Affected Module
ZL8101ALBFTKR5475	ZL9117MAIRZ ZL9117MAIRZR5688 ZL9117MAIRZ-T ZL9117MAIRZ-TS2490
ZL8101ALBFTKR5519	ZL9101MAIRZ ZL9101MAIRZ-T ZL9101MAIRZ-TS2490
ZL8101ALCFTKR5475	ZL9117MBIRZ ZL9117MBIRZ-T
ZL8101ALCFTKR5519	ZL9101MBIRZ ZL9101MBIRZ-T
ZLS4001ALAFTR	ZL9122MIRZ ZL9122MIRZ-T
ZLS4001ALBFTK	ZL9122MAIRZ ZL9122MAIRZ-T
ZLS4001ALCFTK	ZL9122MBIRZ ZL9122MBIRZ-T
ZLS4002ALAFTR	ZL9025MAIRZ ZL9025MAIRZ-T ZL9025MIRZ ZL9025MIRZ-T
ZLS4002ALBFTK	ZL9025MBIRZ ZL9025MBIRZ-T
ZLS4003ALAFTR	ISL8272MAIRZ ISL8272MAIRZ-T
ZLS4004ALAFTR	ZL9030MAIRZ ZL9030MAIRZ-T
ZLS4005ALAFTR	ZL9023MAIRZ ZL9023MAIRZ-T
ZLS4006ALAFTR	ISL8270MAIRZ ISL8270MAIRZ-T
ZLS4007ALAFTR	ISL8271MAIRZ ISL8271MAIRZ-T ISL8271MAIRZ-TS2490
ZLS4011ALAFTR	ISL8273MAIRZ ISL8273MAIRZ-T
ZLS4011ALBFTK	ISL8273MBIRZ ISL8273MBIRZ-T
ZLS4012ALAFTR	ISL8277MAIRZ ISL8277MAIRZ-T ISL8277MAIRZ-T1
ZLS4013ALAFTR	ISL8278MAIRZ ISL8278MAIRZ-T ISL8278MAIRZ-T1