
PRODUCT CHANGE NOTICE

Manufacturing Site Change for Assembly of the Listed Intersil TSSOP Packaged Products

**Refer to:
PCN11113**

Date: November 1, 2011

November 1, 2011

To: Our Valued Intersil Customer

Subject: **Manufacturing Site Change for Assembly of the Listed Intersil TSSOP Packaged Products – Carsem-M (CAM) - Ipoh, Malaysia**

This notice is to inform you that Intersil is changing the manufacturing site used for assembly of the listed TSSOP (Thin Shrink Small Outline Package) products. The assembly subcontractor, Carsem, is consolidating TSSOP assembly operations from its Carsem-S (CAS) facility to the Carsem-M (CAM) facility during Q4 2011. This action will expand current capabilities and capacities to optimize Intersil's ability to meet customer's delivery requirements. The product and site-specific qualification activities are complete.

The Carsem-M (CAM) facility is ISO 9001:2008 and ISO/TS 16949:2009 certified and currently qualified as a supplier to Intersil for assembly of the TSSOP packaged products. There will be no change in the moisture sensitivity level (MSL), mold compound, bond wire size/material, or package outline drawing (POD). The qualified material set combinations are as follows:

Material Set	Current (CAS Site)	New (CAM Site)
Mold Compound	Sumitomo EME-G700L	
Die Attach	Ablebond A8290, A8200C, and 84-1LMISR4	Ablebond A8290 and 84-1LMISR4
Bond Wire	1.0, 1.2, and 1.3 mil Gold (Au)	
Lead Frame Layout	C7025 Matrix	C7025 High Density

The assembly qualification plan was 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 results are included for reference. The remainder of the manufacturing operations (wafer fabrication, package level electrical testing, shipment, etc.) will continue to be processed to previously established conditions and systems.

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

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 assembled at CAM beginning *ninety* days from the date of this notification or upon depletion of existing material.

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,



Jon Brewster
Intersil Corporation

PCN11113

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PCN11113 – Reliability Qualification Summary

Device: DG408DVZ-T (16L TSSOP)						
Stress / Conditions	Duration	Test lots			Ctrl Lot	Result
		Lot #1	Lot #2	Lot #3		
MSL classification	L1 PBFree	0/22	0/22	0/22	0/22	PASS
uHAST 130C / 85% RH	96 Hrs	0/26	0/26	0/26	0/78	PASS
Temp Cycle -65C to +150C	500 cyc	0/26	0/26	0/26	0/78	PASS
Wire pull after 500c TC	NA	0/2	0/2	0/2	0/2	PASS

Device: X9252WV24IZ-2.7 (24L TSSOP)						
Stress / Conditions	Duration	Test lots			Ctrl Lot	Result
		Lot #1	Lot #2	Lot #3		
MSL classification	L3 PBFree	0/22	0/22	0/22	0/22	PASS
uHAST 130C / 85% RH	96 Hrs	0/26	0/26	0/26	0/78	PASS
Temp Cycle -65C to +150C	500 cyc	0/26	0/26	0/26	0/78	PASS
Wire pull after 500c TC	NA	0/2	0/2	0/2	0/2	PASS

Device: ISL6218CVZ-T (38L TSSOP)						
Stress / Conditions	Duration	Test lots			Ctrl Lot	Result
		Lot #1	Lot #2	Lot #3		
MSL classification	L3 PBFree	0/22	0/22	0/22	0/22	PASS
uHAST 130C / 85% RH	96 Hrs	0/26	0/26	0/26	0/78	PASS
Temp Cycle -65C to +150C	500 cyc	0/26	0/26	0/26	0/78	PASS
Wire pull after 500c TC	NA	0/2	0/2	0/2	0/2	PASS

PCN11113 – Products Affected

DG401DVZ	EL5423CRZ-T13	ISL12029IVZ-T	ISL23325TFVZ-T7A
DG401DVZ-T	EL5423CRZ-T7	ISL12032IVZ	ISL23325TFVZ-TK
DG403DVZ	EL5427CRZ	ISL12032IVZ-T	ISL23325UFVZ
DG403DVZ-T	EL5427CRZ-T13	ISL22102IV20Z	ISL23325UFVZ-T7A
DG408DVZ	EL5427CRZ-T7	ISL22102IV20Z-TK	ISL23325UFVZ-TK
DG408DVZ-T	ISL12023IVZ	ISL22323TFV14Z	ISL23325WVZ
DG408DVZ-TR5321	ISL12023IVZ-T	ISL22323TFV14Z-TK	ISL23325WVZ-T7A
DG408DVZ-TS2568	ISL12024IVZ	ISL22323UFV14Z	ISL23325WVZ-TK
DG409DVZ	ISL12024IVZ-T	ISL22323UFV14Z-TK	ISL23328TFVZ
DG409DVZ-T	ISL12025IVZ	ISL22323WV14Z	ISL23328TFVZ-T7A
DG409DVZ-TR5321	ISL12025IVZ-T	ISL22323WV14Z-TK	ISL23328TFVZ-TK
DG411DVZ	ISL12026AIVZ	ISL22326UFV14Z	ISL23328UFVZ
DG411DVZ-T	ISL12026AIVZ-T	ISL22326UFV14Z-TK	ISL23328UFVZ-T7A
DG411DVZR5485	ISL12026IVZ	ISL22326WV14Z	ISL23328UFVZ-TK
DG412DVZ	ISL12026IVZ-T	ISL22326WV14Z-TK	ISL23328WVZ
DG412DVZ-T	ISL12027AIV27Z	ISL22326WMVEP	ISL23328WVZ-T7A
DG412DVZ-TR5321	ISL12027AIV27Z-T	ISL22326WMVEP-TK	ISL23328WVZ-TK
DG413DVZ	ISL12027IV27AZ	ISL22343TFV20Z	ISL23345TFVZ
DG413DVZ-T	ISL12027IV27AZ-T	ISL22343TFV20Z-TK	ISL23345TFVZ-T7A
DG441DVZ	ISL12027IV27Z	ISL22343UFV20Z	ISL23345TFVZ-TK
DG441DVZ-T	ISL12027IV27Z-T	ISL22343UFV20Z-TK	ISL23345UFVZ
DG441DVZ-TR5485	ISL12027IV30AZ	ISL22343WV20Z	ISL23345UFVZ-T7A
DG442DVZ	ISL12027IV30AZ-T	ISL22343WV20Z-TK	ISL23345UFVZ-TK
DG442DVZ-T	ISL12027IVAZ	ISL22346UFV20Z	ISL23345WVZ
DG444DVZ	ISL12027IVAZ-T	ISL22346UFV20Z-TK	ISL23345WVZ-T7A
DG444DVZ-T	ISL12027IVZ	ISL22346WV20Z	ISL23345WVZ-TK
DG445DVZ	ISL12027IVZ-T	ISL22346WV20Z-TK	ISL23348TFVZ
DG445DVZ-T	ISL12028AIV27Z	ISL22346WMVEP	ISL23348TFVZ-T7A
EL5225IRZ	ISL12028AIV27Z-T	ISL22346WMVEP-TK	ISL23348TFVZ-TK
EL5225IRZ-T13	ISL12028IV27AZ	ISL22424TFV14Z	ISL23348UFVZ
EL5225IRZ-T7	ISL12028IV27AZ-T	ISL22424TFV14Z-TK	ISL23348UFVZ-T7A
EL5226IRZ	ISL12028IV27Z	ISL22424UFV14Z	ISL23348UFVZ-TK
EL5226IRZ-T13	ISL12028IV27Z-T	ISL22424UFV14Z-TK	ISL23348WVZ
EL5226IRZ-T7	ISL12028IV30AZ	ISL22424WV14Z	ISL23348WVZ-T7A
EL5323CRZ	ISL12028IV30AZ-T	ISL22424WV14Z-TK	ISL23348WVZ-TK
EL5323CRZ-T13	ISL12028IVAZ	ISL22426UFV14Z	ISL23425TFVZ
EL5323CRZ-T7	ISL12028IVAZ-T	ISL22426UFV14Z-TK	ISL23425TFVZ-T7A
EL5325IRZ	ISL12028IVZ	ISL22426WV14Z	ISL23425TFVZ-TK
EL5325IRZ-T13	ISL12028IVZ-T	ISL22426WV14Z-TK	ISL23425UFVZ
EL5325IRZ-T7	ISL12029AIV27Z	ISL22444TFV20Z	ISL23425UFVZ-T7A
EL5326IRZ	ISL12029AIV27Z-T	ISL22444TFV20Z-TK	ISL23425UFVZ-TK
EL5326IRZ-T13	ISL12029IV27AZ	ISL22444UFV20Z	ISL23425WVZ
EL5326IRZ-T7	ISL12029IV27AZ-T	ISL22444UFV20Z-TK	ISL23425WVZ-T7A
EL5327CRZ	ISL12029IV27Z	ISL22444WV20Z	ISL23425WVZ-TK
EL5327CRZ-T13	ISL12029IV27Z-T	ISL22444WV20Z-TK	ISL23428TFVZ
EL5327CRZ-T7	ISL12029IV30AZ	ISL22446UFV20Z	ISL23428TFVZ-T7A
EL5411IRZ	ISL12029IV30AZ-T	ISL22446UFV20Z-TK	ISL23428TFVZ-TK
EL5411IRZ-T13	ISL12029IVAZ	ISL22446WV20Z	ISL23428UFVZ
EL5411IRZ-T7	ISL12029IVAZ-T	ISL22446WV20Z-TK	ISL23428UFVZ-T7A
EL5423CRZ	ISL12029IVZ	ISL23325TFVZ	ISL23428UFVZ-TK

PCN11113 – Products Affected – cont.

ISL23428WFVZ	ISL32172EIVZ-T	ISL33355EIVZ	ISL9501CVZ
ISL23428WFVZ-T7A	ISL32173EFVZ	ISL33355EIVZ-T	ISL9501CVZ-T
ISL23428WFVZ-TK	ISL32173EFVZ-T	ISL33355EIVZ-T7A	X5043V14IZ
ISL23445TFVZ	ISL32173EIVZ	ISL54405IVZ	X9110TV14IZ
ISL23445TFVZ-T7A	ISL32173EIVZ-T	ISL54405IVZ-T	X9110TV14IZ-2.7
ISL23445TFVZ-TK	ISL32174EFVZ	ISL55110IVZ	X9110TV14IZ-2.7T1
ISL23445UFVZ	ISL32174EFVZ-T	ISL55110IVZ-T	X9110TV14Z
ISL23445UFVZ-T7A	ISL32174EIVZ	ISL55110IVZ-T7A	X9110TV14Z-2.7
ISL23445UFVZ-TK	ISL32174EIVZ-T	ISL55111IVZ	X9110TV14ZT1
ISL23445WFVZ	ISL32175EFVZ	ISL55111IVZ-T	X9111TV14IZ
ISL23445WFVZ-T7A	ISL32175EFVZ-T	ISL55141IVZ	X9111TV14IZ-2.7
ISL23445WFVZ-TK	ISL32175EIVZ	ISL55141IVZ-T	X9111TV14IZ-2.7T1
ISL23448TFVZ	ISL32175EIVZ-T	ISL55142IVZ	X9111TV14Z
ISL23448TFVZ-T7A	ISL32272EFVZ	ISL55142IVZ-T	X9111TV14Z-2.7
ISL23448TFVZ-TK	ISL32272EFVZ-T	ISL6217ACVZ	X9118TV14IZ
ISL23448UFVZ	ISL32273EFVZ	ISL6217ACVZ-T	X9118TV14IZ-2.7
ISL23448UFVZ-T7A	ISL32273EFVZ-T	ISL6217ACVZ-TS2490	X9118TV14Z
ISL23448UFVZ-TK	ISL32273EIVZ	ISL6217ACVZA	X9118TV14Z-2.7
ISL23448WFVZ	ISL32273EIVZ-T	ISL6217ACVZA-T	X9119TV14IZ
ISL23448WFVZ-T7A	ISL32274EFVZ	ISL6217CVZ	X9119TV14IZ-2.7
ISL23448WFVZ-TK	ISL32274EFVZ-T	ISL6217CVZ-T	X9119TV14IZ-2.7T1
ISL24010IVZ	ISL32274EIVZ	ISL6218CVZ	X9119TV14Z
ISL24010IVZ-T	ISL32274EIVZ-T	ISL6218CVZ-T	X9119TV14Z-2.7
ISL24011IVZ	ISL32275EFVZ	ISL6218CVZ-TS2705	X9241AMVIZ
ISL24011IVZ-T	ISL32275EFVZ-T	ISL6218CVZA	X9241AMVIZT1
ISL26102AVZ-T	ISL32275EIVZ	ISL6218CVZA-T	X9241AMVZ
ISL26102AVZ-T7A	ISL32275EIVZ-T	ISL6565ACVZ	X9241AMVZT1
ISL26132AVZ	ISL32372EFVZ	ISL6565ACVZ-T	X9241AUVIZ
ISL26132AVZ-T	ISL32372EFVZ-T	ISL6565BCVZ	X9241AUVIZT1
ISL26132AVZ-T7A	ISL32372EIVZ	ISL6565BCVZ-T	X9241AUVZ
ISL26134AVZ	ISL32372EIVZ-T	ISL84052IVZ	X9241AUVZT1
ISL26134AVZ-T	ISL32374EFVZ	ISL84052IVZ-T	X9241AWVIZ
ISL26134AVZ-T7A	ISL32374EFVZ-T	ISL84467IVZ	X9241AWVIZT1
ISL28488FVZ	ISL32374EIVZ	ISL84467IVZ-T	X9241AWVZ
ISL28488FVZ-T7	ISL32374EIVZ-T	ISL84582IVZ	X9241AWVZT1
ISL31632EIVZ	ISL33330EIVZ	ISL84582IVZ-T	X9241AYVIZ
ISL31632EIVZ-T	ISL33330EIVZ-T	ISL8540IVEZ	X9241AYVIZT1
ISL31632EIVZ-T7A	ISL33330EIVZ-T7A	ISL8540IVEZ-T	X9241AYVZ
ISL31633EIVZ	ISL33331EIVZ	ISL8560IVEZ	X9241AYVZT1
ISL31633EIVZ-T	ISL33331EIVZ-T	ISL8560IVEZ-T	X9250UV24IZ
ISL31633EIVZ-T7A	ISL33331EIVZ-T7A	ISL90840UAV2027Z	X9250UV24IZ-2.7
ISL31652EIVZ	ISL33335EIVZ	ISL90840UAV2027ZT2	X9250UV24IZ-2.7T2
ISL31652EIVZ-T	ISL33335EIVZ-T	ISL90840UIV2027Z	X9251TV24IZ
ISL31652EIVZ-T7A	ISL33335EIVZ-T7A	ISL90840UIV2027ZT2	X9251TV24IZ-2.7
ISL31653EIVZ	ISL33350EIVZ	ISL90840WAV2027Z	X9251TV24Z
ISL31653EIVZ-T	ISL33350EIVZ-T	ISL90840WAV2027ZT2	X9251TV24Z-2.7
ISL31653EIVZ-T7A	ISL33350EIVZ-T7A	ISL90840WIV2027Z	X9251TV24Z-2.7S2705
ISL32172EFVZ	ISL33351EIVZ	ISL90840WIV2027ZT2	X9251UV24IZ
ISL32172EFVZ-T	ISL33351EIVZ-T	ISL9500CVZ	X9251UV24IZ-2.7
ISL32172EIVZ	ISL33351EIVZ-T7A	ISL9500CVZ-T	X9251UV24IZ-2.7T1

PCN11113 – Products Affected – cont.

X9251UV24Z	X9279TV14ZT1	X9409WV24IZ-2.7	X9421WV14IZ
X9251UV24Z-2.7	X9279UV14IZ	X9409WV24IZ-2.7T1	X9421WV14IZ-2.7
X9252TV24IZ-2.7	X9279UV14IZ-2.7	X9409WV24IZT1	X9421WV14IZ-2.7T1
X9252UV24IZ-2.7	X9279UV14IZ-2.7T1	X9409WV24Z	X9421WV14IZT1
X9252WV24IZ-2.7	X9279UV14IZT1	X9409WV24Z-2.7	X9421WV14Z
X9252YV24IZ-2.7	X9279UV14Z	X9409WV24Z-2.7T1	X9421WV14Z-2.7
X9258TV24IZ-2.7	X9279UV14Z-2.7	X9409WV24ZT1	X9421WV14Z-2.7T1
X9258TV24Z-2.7	X9279UV14Z-2.7T1	X9409YV24IZ-2.7	X9421WV14ZT1
X9258UV24IZ	X9279UV14ZT1	X9410WV24IZ	X9421YV14IZ
X9258UV24IZ-2.7	X9400WV24IZ	X9410WV24IZ-2.7	X9421YV14IZ-2.7
X9259TV24IZ	X9400WV24IZ-2.7	X9410WV24IZ-2.7T1	X9421YV14IZ-2.7T1
X9259TV24IZ-2.7	X9400WV24IZ-2.7T1	X9410WV24IZT1	X9421YV14IZT1
X9259TV24Z	X9400WV24IZT1	X9410WV24Z	X9421YV14Z
X9259TV24Z-2.7	X9400WV24Z	X9410WV24Z-2.7	X9421YV14Z-2.7
X9259UV24IZ	X9400WV24Z-2.7	X9410WV24Z-2.7T1	X9421YV14Z-2.7T1
X9259UV24IZ-2.7	X9400WV24Z-2.7T1	X9410WV24ZT1	X9421YV14ZT1
X9259UV24IZ-2.7T1	X9400WV24ZT1	X9410YV24IZ	X9428WV14IZ
X9259UV24IZR5279	X9400YV24IZ	X9410YV24IZ-2.7	X9428WV14IZ-2.7
X9259UV24IZT1	X9400YV24IZ-2.7	X9410YV24Z	X9428WV14IZ-2.7T1
X9259UV24IZT2	X9400YV24IZ-2.7T1	X9410YV24Z-2.7	X9428WV14IZT1
X9259UV24IZT2R5279	X9400YV24IZT1	X9418WV24IZ	X9428WV14Z
X9259UV24Z	X9400YV24Z	X9418WV24IZ-2.7	X9428WV14Z-2.7
X9259UV24Z-2.7	X9400YV24Z-2.7	X9418WV24IZ-2.7T1	X9428WV14Z-2.7T1
X9269TV24IZ-2.7	X9400YV24Z-2.7T1	X9418WV24IZT1	X9428WV14ZT1
X9269TV24IZ-2.7T1	X9400YV24ZT1	X9418WV24Z	X9428YV14IZ
X9269UV24IZ-2.7	X9401WV24IZ	X9418WV24Z-2.7	X9428YV14IZ-2.7
X9269UV24IZ-2.7T1	X9401WV24IZ-2.7	X9418WV24Z-2.7T1	X9428YV14IZ-2.7T1
X9271TV14IZ	X9401WV24IZ-2.7T1	X9418WV24ZT1	X9428YV14IZT1
X9271TV14IZ-2.7	X9401WV24IZT1	X9418YV24IZ	X9428YV14Z
X9271TV14IZ-2.7T1	X9401WV24Z	X9418YV24IZ-2.7	X9428YV14Z-2.7
X9271TV14IZT1	X9401WV24Z-2.7	X9418YV24IZ-2.7T1	X9428YV14Z-2.7T1
X9271TV14Z	X9401WV24Z-2.7T1	X9418YV24IZ-2.7T2	X9428YV14ZT1
X9271TV14Z-2.7	X9401WV24ZT1	X9418YV24Z	X9429WV14IZ
X9271TV14Z-2.7T1	X9408WV24IZ	X9418YV24Z-2.7	X9429WV14IZ-2.7
X9271TV14ZT1	X9408WV24IZ-2.7	X9420WV14IZ	X9429WV14IZ-2.7T1
X9271UV14IZ	X9408WV24IZ-2.7T1	X9420WV14IZ-2.7	X9429WV14IZT1
X9271UV14IZ-2.7	X9408WV24IZT1	X9420WV14IZ-2.7T1	X9429WV14Z
X9271UV14IZ-2.7T1	X9408WV24Z	X9420WV14IZT1	X9429WV14Z-2.7
X9271UV14IZT1	X9408WV24Z-2.7	X9420WV14Z	X9429WV14Z-2.7T1
X9271UV14Z	X9408WV24Z-2.7T1	X9420WV14Z-2.7	X9429WV14ZT1
X9271UV14Z-2.7	X9408WV24ZT1	X9420WV14Z-2.7T1	X9429YV14IZ
X9271UV14Z-2.7T1	X9408YV24IZ	X9420WV14ZT1	X9429YV14IZ-2.7
X9271UV14ZT1	X9408YV24IZ-2.7	X9420YV14IZ	X9429YV14IZ-2.7T1
X9279TV14IZ	X9408YV24IZ-2.7T1	X9420YV14IZ-2.7	X9429YV14IZT1
X9279TV14IZ-2.7	X9408YV24IZT1	X9420YV14IZ-2.7T1	X9429YV14Z
X9279TV14IZ-2.7T1	X9408YV24Z	X9420YV14IZT1	X9429YV14Z-2.7
X9279TV14IZT1	X9408YV24Z-2.7	X9420YV14Z	X9429YV14Z-2.7T1
X9279TV14Z	X9408YV24Z-2.7T1	X9420YV14Z-2.7	X9429YV14ZT1
X9279TV14Z-2.7	X9408YV24ZT1	X9420YV14Z-2.7T1	X9460KV14IZ
X9279TV14Z-2.7T1	X9409WV24IZ	X9420YV14ZT1	X9460KV14IZ-2.7

PCN11113 – Products Affected – cont.

X9460KV14IZ-2.7T1
X9460KV14IZT1
X9530V14IZ
X9530V14IZT1
X95820UV14IZ-2.7
X95820UV14IZ-2.7T1
X95820WV14IZ-2.7
X95820WV14IZ-2.7T1
X95820WV14IZ2.7S2705
X95840UV20IZ-2.7
X95840UV20IZ-2.7T1
X95840WV20IZ-2.7
X95840WV20IZ-2.7T1
X96010V14IZ
X96011V14IZ
X96012V14IZ
X96012V14IZT1