

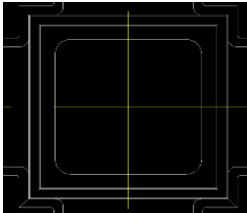
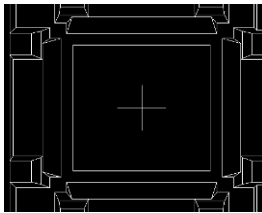
PCN Number:	20130809000	PCN Date:	08/21/2013
Title:	12x12 BGA tray change		
Customer Contact:	PCN Manager	Phone:	+1(214) 480-6037
Dept:	Quality Services		
Proposed 1st Ship Date:	08/21/2013		
Change Type:	<input checked="" type="checkbox"/> Packing/Shipping/Labeling		

PCN Details

Description of Change:

The products listed below will be shipped in a new Jedec compliant tray that features an improved Slope/Tapered wall pocket design and includes some minor dimensional differences as shown below:

DIMENSION	JEDEC spec	4202159-0001 (ohkawa: CURRENT)	4209678-0001 (Daewon: PROPOSED)
Over all length	322.60	322.6	322.6
Layout length	315.00	315	315
Layout Width	135.90	132.59	135.9
Layout Length on Top Stack frame	311.15	310.85	311.15
Layout width on Top Stack frame	132.08	131.76	132.08
Layout Length on Bottom Stack frame	311.66	311.15	311.66
Layout Width on Bottom Stack frame	132.59	132.08	132.59
Matrix	8x20	8X20	8X20
End Tab Length	92.10	92.1	92.1
Overall Height	7.62	7.62	7.62
Stack Height	1.27	1.27	1.27
Pitch M	19.65	19.65	19.65
Pitch M3	13.80	13.8	13.8
Pitch M1	11.20	11.2	11.2
Pitch M2	15.40	15.4	15.4
Top pocket depth		1.5	1.5
Bottom pocket depth		1.27	1.3

Material Description	4202159-0001 (ohkawa: CURRENT)	4209678-0001 (Daewon: PROPOSED)
* Supplier Part Number :	FPJ-26i	T0802041
* Gram Weight:	107.9	125g
* Surface Resistivity :	10^5 to $10^{11} \Omega$	10^5 to $10^{10} \Omega$
* Package Size :	12X12	12X12
* Package Type :	BGA	BGA
Temperature Rating :	150 C MAX	150 C MAX
Matrix (Column X Rows) :	8X20	8X20
Raw Material :	CARBON POWDER	CARBON FIBER
Stackability	Non-stackable	
Color :	BLACK	BLACK
Pocket design	Pedestal / Flat seating plane	Slope/Tapered wall
		

Reason for Change:			
Additional supply and tray standardization to align to Jedec dimensions			
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):			
None			
Changes to product identification resulting from this PCN:			
New Tray			
Product Affected:			
1621B1UZZG	TMS320C5533AZHH05	TMS320VC5402GGU100	TNETV2840FIDGGU
1621B2UZZG	TMS320C5533AZHH10	TMS320VC5402GGUHFH	TNETV2840FIDGGUA
C5509ZOOM1C2103DR	TMS320C5533AZHHA05	TMS320VC5402ZGU100	TNETV2840FIDZGU
D36155ZGU160	TMS320C5533AZHHA10	TMS320VC5404GGU	TNETV2840FIRGGU
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TMS320C54V90BGGU	TMS320R2812ZHHS	TMS32NMS5420GGU200	VC55GPSZHH
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TMS320C5532NZHHA10	TMS320VC5402AZGU16	TNETV2840FIBGGU	

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

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