



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**PCN# 20130809000
12x12 BGA tray change
Information Only**

Date: 8/21/2013
To: MOUSER PCN

Dear Customer:

This is an information-only announcement of a change to a device that is currently offered by Texas Instruments.

The changes discussed within this PCN are for your information only. Please see the attachment details for the planned implementation date.

This notification period is per TI's standard process. Any negotiated alternative change requirements will be provided via the customer's defined process. Customers with previously negotiated, special requirements will be handled separately. Any inquiries should be directed to your local Field Sales Representative.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services
Phone: +1(214) 480-6037
Fax: +1(214) 480-6659

20130809000
Attachment: 1

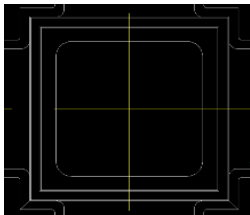
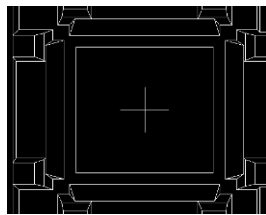
Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
PCI1510GGU	null
TMS320C28343ZHHT	null
TMS320C5532AZHH10	null
TMS320C5533AZHH10	null
TMS320C5534AZHH10	null
TMS320C5535AZHH10	null
TMS320F2812GHHA	null
TMS320F2812GHHQ	null
TMS320F2812ZHHA	null
TMS320F2812ZHHS	null
TMS320F28335ZHHA	null
TMS320VC5402AGGU16	null
TMS320VC5404GGU	null
TMS320VC5407GGU	null
TMS320VC5409AGGU12	null
TMS320VC5410AGGU12	null
TMS320VC5410AGGU16	null
TMS320VC5410AZGU12	null
TMS320VC5416GGU160	null
TMS320VC5441AGGU	null
TMS320VC5441ZGU	null
TMS320VC549GGU-80	null
TMS320VC5503GHH	null
TMS320VC5506GHH	null
TMS320VC5509AGHH	null
TMS320VC5509AZHH	null
TPS65951A1ZGU	null
XIO1100GGB	null
XIO1100ZGB	null
XIO2001IZGU	null
XIO2001ZGU	null
XIO2200AZHH	null

Technical details of this Product Change follow on the next page(s).

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:	☒ 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	TMS320VC5402GGUHFK	TNETV2840FIDGGUA
C5509ZOOME1C2103DR	TMS320C5533AZHHA05	TMS320VC5402ZGU100	TNETV2840FIDZGU
D36155ZGU160	TMS320C5533AZHHA10	TMS320VC5404GGU	TNETV2840FIRGGU
D36950ZGU100	TMS320C5534AZHH05	TMS320VC5407GGU	TNETV2840FISGGU
D36956ZGU100	TMS320C5534AZHH10	TMS320VC5407ZGU	TNETV2840FISZGU
D761924ZGU	TMS320C5534AZHHA05	TMS320VC5409AGGU12	TNETV2840FNBGGU
DE111001ZHHA	TMS320C5534AZHHA10	TMS320VC5409AGGU16	TNETV2840FNBZGU
DE129003ZHHA	TMS320C5534NZHH05	TMS320VC5409AZGU12	TNETV2840FNDGGU
DE129005ZHHA	TMS320C5534NZHH10	TMS320VC5409AZGU16	TNETV2840FNRGGU
DEF01000ZHHA	TMS320C5534NZHHA05	TMS320VC5409GGU-80	TNETV2840FNSGGU
DFDF2812GHHA	TMS320C5534NZHHA10	TMS320VC5409GGU100	TNETV2840FNSGGUA
DFDF2812ZHHA	TMS320C5535AZHH05	TMS320VC5409ZGU-80	TNETV2840FNSZGU
DRA1410AHBZ	TMS320C5535AZHH10	TMS320VC5409ZGU100	TNETV2840GGU
DVC5416ZGU160IDWLD	TMS320C5535AZHHA05	TMS320VC5410AGGU12	TNETV2840GGUA
F741999AZGU	TMS320C5535AZHHA10	TMS320VC5410AGGU16	TNETV2840MODGGU
F751518DGGU	TMS320DA150GGU160	TMS320VC5410AZGU12	TNETV2840VFIDGGU
F751518DZGU	TMS320DA150ZGU160	TMS320VC5410AZGU16	TNETV2840VIBGGU
F761536AZZD	TMS320DA255ZHH	TMS320VC5416GGU120	TNETV2840VIDGGU
F761663ZZD	TMS320DA295CZZG	TMS320VC5416GGU160	TNETV2840VIRGGU
F771563EZHH	TMS320DRE200GGU160	TMS320VC5416ZGU120	TNETV2840VISGGU
F771563FZHH	TMS320DRE200ZGU160	TMS320VC5416ZGU160	TNETV2840VNBGGU
HPA00749ZGB	TMS320DRE201GGU160	TMS320VC5420GGU200	TNETV2840VNDGGU
M1710EZZG	TMS320DRE310GHH	TMS320VC5420ZGU200	TNETV2840VNDZGU
OMAP5910JGZG2	TMS320DRE310ZHH	TMS320VC5421GGU200	TNETV2840VNRGGU
OMAP5910JZZG2	TMS320DRE310ZHHAU	TMS320VC5421ZGU200	TNETV2840VNSGGU
OMAP5912ZZG	TMS320DRE311GHH	TMS320VC5441AGGU	TNETV2840ZGU
PCI1510GGU	TMS320DRE312GHH	TMS320VC5441AZGU	TNETV2842VNDGGU
PCI1510ZGU	TMS320DRM300GHH	TMS320VC5441AZGUZE	TPS658610ZGU
SM320F2812GHHMEP	TMS320DRM300ZHH	TMS320VC5441GGU	TPS658610ZGUR
SM320F28335GHHAEP	TMS320DRM350GHH	TMS320VC5441GGULU	TPS658610ZGUT
SM320VC5409GGU10EP	TMS320DRM350ZHH	TMS320VC5441GGUSON	TPS658620ZGU
SM320VC5416GGU16EP	TMS320F2812GHHA	TMS320VC5441GGUZE	TPS658620ZGUR
SN0411207ZGU	TMS320F2812GHHQ	TMS320VC5441GUDIT	TPS658620ZGUT
TMS320ACLAGGU	TMS320F2812GHHS	TMS320VC5441ZGU	TPS658621AZGU
TMS320ACLBZGU	TMS320F2812ZHHA	TMS320VC5441ZGUZE	TPS658621AZGUT
TMS320ACLGGU	TMS320F2812ZHHS	TMS320VC549GGU-100	TPS65951A1ZGU
TMS320ACLZGU	TMS320F28232ZHHA	TMS320VC549GGU-80	TSB43EA42ZGU
TMS320C28341ZHHT	TMS320F28234ZHHA	TMS320VC5503GHH	TSB43EA43ZGU
TMS320C28343ZHHT	TMS320F28235ZHHA	TMS320VC5503ZHH	TSB43EB42ZGU
TMS320C28345ZHHT	TMS320F28332ZHHA	TMS320VC5506GHH	TSB43EC42ZGU

TMS320C2834FZHH	TMS320F28334ZHHA	TMS320VC5506ZHH	V62/04610-01XA
TMS320C2834HZHH	TMS320F28335ZHHA	TMS320VC5507GHH	V62/04649-01XA
TMS320C2834LZHH	TMS320LC548GGU-80	TMS320VC5507ZHH	V62/05601-03XA
TMS320C5420GGUA200	TMS320R2812GHHA	TMS320VC5509AGHH	V62/09624-02XE
TMS320C54CSTGGU	TMS320R2812GHHS	TMS320VC5509AZHH	VC5506LMZHH
TMS320C54CSTZGU	TMS320R2812ZHHA	TMS320VC5509AZHHC	VC55GPSGHH
TMS320C54V90BGGU	TMS320R2812ZHHS	TMS32NMS5420GGU200	VC55GPSZHH
TMS320C5532AZHH05	TMS320SP109AZHH	TMS3VC5421ZGU200IN	XIO1100GGB
TMS320C5532AZHH10	TMS320SP250GGU-100	TNETV1700INZZG	XIO1100ZGB
TMS320C5532AZHHA05	TMS320SP5410AGGU12	TNETV1700IPZZG	XIO2000AIZHH
TMS320C5532AZHHA10	TMS320SP5410AZGU12	TNETV1700NNZZG	XIO2000AZHH
TMS320C5532NZHH05	TMS320UC5409GGU-80	TNETV1700ZZG	XIO2001IZGU
TMS320C5532NZHH10	TMS320VC5401ZGU50	TNETV2840ENGGU	XIO2001ZGU
TMS320C5532NZHHA05	TMS320VC5402AGGU16	TNETV2840ENZGU	XIO2200AZHH
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.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com