



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN#20150831001
New trays for Select Devices
Final Change Notification

Dear Customer:

This is an announcement of a change to a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance of the change. If you require additional data to support your evaluation, please request within 30 days.

The changes discussed within this PCN will not take effect any earlier than **90** days from the date of this notification, unless customer agreement has been reached on an earlier implementation of the change. This notification period is per TI's standard process.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

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

Sincerely,

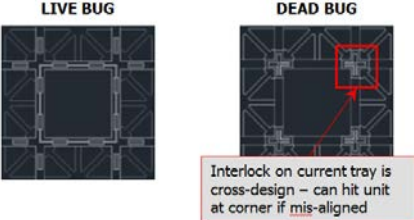
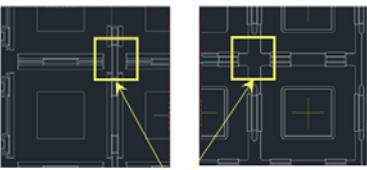
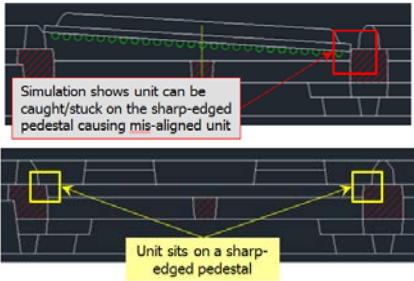
PCN Team
SC Business Services

PCN# 20150831001
Attachment: 1

Products Affected:

According to our records, there are the affected device(s) that you have purchased within the past twenty-four (24) months. Technical details of this Product Change follow on the next page(s).

PCN Number:	20150831001		PCN Date:	09/02/2015
Title:	New trays for Select Devices			
Customer Contact:	PCN Manager	Dept:	Quality Services	
Proposed 1st Ship Date:	12/02/2015			
Change Type:				
☐ Assembly Site	☐ Assembly Process	☐ Assembly Materials		
☐ Design	☐ Electrical Specification	☐ Mechanical Specification		
☐ Test Site	☒ Packing/Shipping/Labeling	☐ Test Process		
☐ Wafer Bump Site	☐ Wafer Bump Material	☐ Wafer Bump Process		
☐ Wafer Fab Site	☐ Wafer Fab Materials	☐ Wafer Fab Process		
	☐ Part number change			

PCN Details																							
Description of Change:																							
Texas Instruments is pleased to announce the qualification of a new improved tray for the devices listed below. A comparison summary is below: 27 x 27 Tray Change <table border="1"> <thead> <tr> <th>What</th><th>From</th><th>To</th></tr> </thead> <tbody> <tr> <td>Stock #/Supplier</td><td>420771 & 4072439/Kostat & PEAK</td><td>4222142/Daewon</td></tr> <tr> <td>Weight</td><td>110 grams</td><td>168 grams</td></tr> <tr> <td>Surface Resisitivity</td><td>10 exp7</td><td>10 exp 5</td></tr> <tr> <td>Temperature Rating</td><td>150C/180C</td><td>150C</td></tr> <tr> <td>Fence</td><td>Sharp Edges – Step Up</td><td>Circular - Slope</td></tr> <tr> <td>Pocket Design</td><td>Pedestal</td><td>Slope</td></tr> </tbody> </table>			What	From	To	Stock #/Supplier	420771 & 4072439/Kostat & PEAK	4222142/Daewon	Weight	110 grams	168 grams	Surface Resisitivity	10 exp7	10 exp 5	Temperature Rating	150C/180C	150C	Fence	Sharp Edges – Step Up	Circular - Slope	Pocket Design	Pedestal	Slope
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Tray Fence	 Interlock on current tray is cross-design – can hit unit at corner if mis-aligned	 Proposed tray has no interlock both on top and bottom pocket																					
Tray Pocket	 Simulation shows unit can be caught/stuck on the sharp-edged pedestal causing mis-aligned unit Unit sits on a sharp-edged pedestal	 No pedestal design on pocket																					

Dimensional Comparison:

	EXISTING						PROPOSED			COMMENT
ITEMS DESCRIPTION	4207771-0001 (Kostat)			4072439-0001 (PEAK)			4222142-0001 (Daewon)			
	DIM	Upper Limits	Lower Limits	DIM	Upper Limits	Lower Limits	DIM	Upper Limits	Lower Limits	
Overall Length	322.6	322.85	322.35	322.6	322.85	322.35	322.6	322.85	322.35	NO CHANGE
Layout Length	315.0	315.25	314.75	315.0	315.25	314.75	315.0	315.25	314.75	NO CHANGE
Layout Width	135.9	136.15	135.65	135.9	136.15	135.65	135.9	136.15	135.65	NO CHANGE
Layout Length on Top Stack frame	311.15	311.40	311.02	311.15	311.40	311.02	311.15	311.40	311.02	NO CHANGE
Layout Width on Top Stack frame	132.08	132.33	131.95	132.08	132.33	131.95	132.08	132.33	131.95	NO CHANGE
Layout Length on Bottom Stack frame	311.66	311.91	311.53	311.66	311.91	311.53	311.66	311.91	311.53	NO CHANGE
Layout Width on Bottom Stack frame	132.59	132.84	132.46	132.59	132.84	132.46	132.59	132.84	132.46	NO CHANGE
End Tab Length	92.1	92.35	91.85	92.1	92.35	91.85	92.1	92.35	91.85	NO CHANGE
Overall Height	7.62	7.75	7.49	7.62	7.75	7.49	7.62	7.75	7.49	NO CHANGE
Stack Height	1.27	1.40	1.14	1.27	1.40	1.14	1.27	1.40	1.14	NO CHANGE
Tray Matrix No.	4x10			4x10			4x10			NO CHANGE
Pitch M	24.15	24.28	24.02	24.15	24.28	24.02	24.15	24.28	24.02	NO CHANGE
Pitch M3	29.20	29.33	29.07	29.20	29.33	29.07	29.20	29.33	29.07	NO CHANGE
Pitch M1	26.10	26.23	25.97	26.10	26.23	25.97	26.10	26.23	25.97	NO CHANGE
Pitch M2	29.20	29.33	29.07	29.20	29.33	29.07	29.20	29.33	29.07	NO CHANGE
Package seating height (Top)	2.00	2.13	1.87	2.10	2.15	2.05	1.69	1.7	1.59	CHANGE
Package seating height (Bottom)	1.56	1.69	1.43	1.37	1.42	1.32	1.16	1.17	1.06	CHANGE

Reason for Change:

Eliminate tray vs unit protrusion and tray standardization

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

None

Changes to product identification resulting from this PCN:

New tray

Product Affected:

5962-0051001QXA	SM32C6712DGDPA16EP	TMS320C6711DGDPA250	TMS32C6202BGNZA250
5962-9857801QXA	SM32C6713BGDPA20EP	TMS320C6711DZDP200	TMS32C6203BGNZA250
5962-9866101QXA	SM32C6713BGDPM30EP	TMS320C6711DZDP250	TMS32C6211BGFNA150
5962-9866101VXA	SM32C6713BGDPS20EP	TMS320C6712DGDPA150	TMS32C6211BZFNA150
5962-9866102VXA	SMJ320C6201BGLPW15	TMS320C6712DZDP150	TMS32C6711DGDPA167
5962-9866102VYC	SMJ320C6203GLPM20	TMS320C6713BGDPA225	TMS32C6711DZDPA167
5962-9866103VXA	SMJ320C6701GLPW14	TMS320C6713BGDPA300	TMS32C6713BGDPA300B
5962-9866103VYC	SMV320C6701GLP/EM	TMS320C6713BZDPA225	TMS32C6713BGDPA200
C6713BZDPA200CIS	TMS320C6202BGNZ250	TMS320C6713BZDPA300	TMS32C6713BZDPA200
D610A003BZDPA225	TMS320C6202BGNZ300	TMS320DM640AGNZ4	TNETV2010AFNBZDS
F731675GFN	TMS320C6202BZNZ250	TMS320DM640AZNZ4	TNETV2010AZDS
F761560ZXF	TMS320C6202BZNZ300	TMS320DM641AZNZ5	TNETV2020AVNDZDS
F761769BZED	TMS320C6203BGNZ300	TMS320DM641AZNZ6	TNETV2020AZDS
F761769BZED-50	TMS320C6203BZNZ300	TMS320DM642AGNZ6	TNETV2021ACLZDS
F771558ZXZ	TMS320C6211BGFNA150	TMS320DM642AGNZ7	TNETV2021AFIDWZDS
GC5316IZED	TMS320C6211BGFNA167	TMS320DM642AGNZA5	TNETV2021AFNBZDS
GC5317IGED	TMS320C6211BZFNA150	TMS320DM642AGNZA6	TNETV2021AGDS
GC5318IZED	TMS320C6211BZFNA167	TMS320DM642AZNZ5	TNETV2021AVISWGDS

GC5322IZND	TMS320C6412AGNZ5	TMS320DM642AZNZ6	TNETV2021AVNDWGDS
GC5325IZND	TMS320C6412AGNZ6	TMS320DM642AZNZ7	TNETV2021AZDS
MPD23651GLP	TMS320C6412AGNZ7	TMS320DM642AZNZA5	TVP9007ZXF
SM320C6201BGLPS20	TMS320C6412AGNZA5	TMS320DM642AZNZA5R	V62/04603-02XA
SM320C6203GLPM20	TMS320C6412AGNZA6	TMS320DM642AZNZA6	V62/04603-03XA
SM320C6701GLPS16	TMS320C6412AZNZ5	TMS320DM643AGNZ5	V62/04603-04XA
SM320C6701GLPW14	TMS320C6412AZNZ6	TMS320DM643AZNZ6	V62/04753-04YA
SM320C6701ZMBW14	TMS320C6412AZNZ7	TMS320TCI110ZPC	V62/04753-16YA
SM32C6711DGDPA16EP	TMS320C6412AZNZA5	TMS320TCI120AZDP	V62/04754-03YA
SM32C6711DGDPI20EP	TMS320C6711DGDPI200		

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