



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**PCN#20150831001  
New trays for Select Devices  
Final Change Notification**

**Date:** 9/2/2015  
**To:** Newark/Farnell PCN

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](mailto:PCN_ww_admin_team@list.ti.com)).

Sincerely,

PCN Team  
SC Business Services

**20150831001**  
**Attachment: 1**


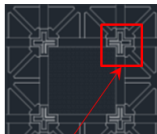
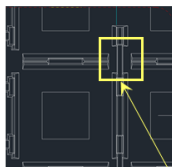
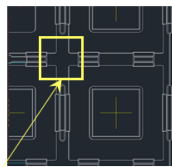
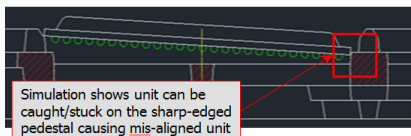
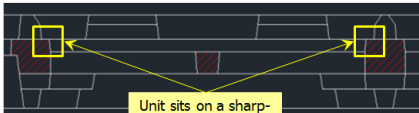

**Products Affected:**

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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
TMS320C6713BGDP300	null
TMS320C6713BZDP225	null
TMS320C6713BZDP300	null
TMS32C6713BGDPA200	null
TMS32C6713BZDPA200	null
TMS320C6713BGDP225	null

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

<b>PCN Number:</b>	20150831001		<b>PCN Date:</b>	09/02/2015
<b>Title:</b>	New trays for Select Devices			
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services	
<b>Proposed 1<sup>st</sup> Ship Date:</b>	12/02/2015			
<b>Change Type:</b>				
<input type="checkbox"/> Assembly Site	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Assembly Materials		
<input type="checkbox"/> Design	<input type="checkbox"/> Electrical Specification	<input type="checkbox"/> Mechanical Specification		
<input type="checkbox"/> Test Site	<input checked="" type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process		
<input type="checkbox"/> Wafer Bump Site	<input type="checkbox"/> Wafer Bump Material	<input type="checkbox"/> Wafer Bump Process		
<input type="checkbox"/> Wafer Fab Site	<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Wafer Fab Process		
	<input type="checkbox"/> Part number change			

PCN Details																							
Description of Change:																							
<p>Texas Instruments is pleased to announce the qualification of a new improved tray for the devices listed below. A comparison summary is below:</p> <p><b>27 x 27 Tray Change</b></p> <table border="1"> <thead> <tr> <th>What</th><th>From</th><th>To</th></tr> </thead> <tbody> <tr> <td>Stock #/Supplier</td><td>420771 &amp; 4072439/Kostat &amp; 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
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																					
Tray Fence	<div> <div>LIVE BUG</div>  <div>DEAD BUG</div>  <div>Interlock on current tray is cross-design – can hit unit at corner if mis-aligned</div> </div>	<div> <div>LIVE BUG</div>  <div>DEAD BUG</div>  <div>Proposed tray has no interlock both on top and bottom pocket</div> </div>																					
Tray Pocket	<div>  <div>Simulation shows unit can be caught/stuck on the sharp-edged pedestal causing mis-aligned unit</div>  <div>Unit sits on a sharp-edged pedestal</div> </div>	 <div>No pedestal design on pocket</div>																					

## 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	TMS320C6711DZDPA200	TMS32C6203BGNZA250
5962-9866101QXA	SM32C6713BGDPM30EP	TMS320C6711DZDPA250	TMS32C6211BGFNA150
5962-9866101VXA	SM32C6713BGDPS20EP	TMS320C6712DGDPA150	TMS32C6211BZFNA150
5962-9866102VXA	SMJ320C6201BGLPW15	TMS320C6712DZDPA150	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	TMS320C6211BZFN167	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	<a href="mailto:PCNAmericasContact@list.ti.com">PCNAmericasContact@list.ti.com</a>
Europe	<a href="mailto:PCNEuropeContact@list.ti.com">PCNEuropeContact@list.ti.com</a>
Asia Pacific	<a href="mailto:PCNAsiaContact@list.ti.com">PCNAsiaContact@list.ti.com</a>
Japan	<a href="mailto:PCNJapanContact@list.ti.com">PCNJapanContact@list.ti.com</a>