

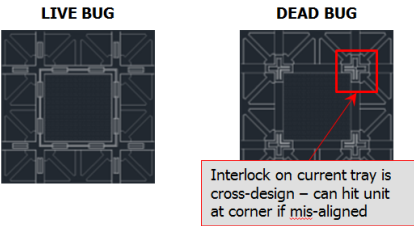
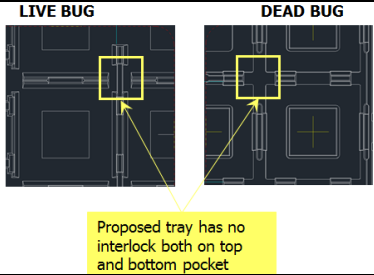
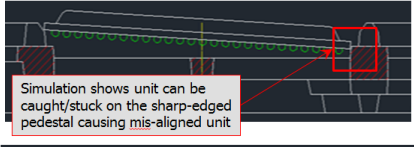

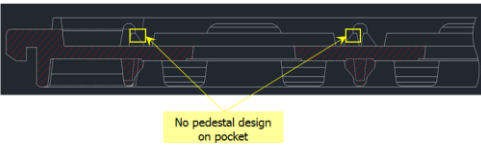
PCN Number:	20150831001	PCN Date:	09/02/2015
Title:	New trays for Select Devices		
Customer Contact:	PCN Manager	Dept:	Quality Services
Proposed 1st Ship Date:	12/02/2015		
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process
<input type="checkbox"/>	Design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

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

What	From	To
Stock #/Supplier	420771 & 4072439/Kostat & PEAK	4222142/Daewon
Weight	110 grams	168 grams
Surface Resistivity	10 exp7	10 exp 5
Temperature Rating	150C/180C	150C
Fence	Sharp Edges – Step Up	Circular - Slope
Pocket Design	Pedestal	Slope
Tray Fence	 <p>LIVE BUG</p> <p>DEAD BUG</p> <p>Interlock on current tray is cross-design – can hit unit at corner if mis-aligned</p>	 <p>LIVE BUG</p> <p>DEAD BUG</p> <p>Proposed tray has no interlock both on top and bottom pocket</p>
Tray Pocket	 <p>Simulation shows unit can be caught/stuck on the sharp-edged pedestal causing mis-aligned unit</p>  <p>Unit sits on a sharp-edged pedestal</p>	 <p>No pedestal design on pocket</p>

Dimensional Comparison:

ITEMS DESCRIPTION	EXISTING						PROPOSED			COMMENT
	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	SM32C6712DGDP16EP	TMS320C6711DGDP250	TMS32C6202BGNZA250
5962-9857801QXA	SM32C6713BGDPA20EP	TMS320C6711DZDP200	TMS32C6203BGNZA250
5962-9866101QXA	SM32C6713BGDPM30EP	TMS320C6711DZDP250	TMS32C6211BGFNA150
5962-9866101VXA	SM32C6713BGDPS20EP	TMS320C6712DGDP150	TMS32C6211BZFNA150
5962-9866102VXA	SMJ320C6201BGLPW15	TMS320C6712DZDP150	TMS32C6711DGDP167
5962-9866102VYC	SMJ320C6203GLPM20	TMS320C6713BGDP225	TMS32C6711DZDPA167
5962-9866103VXA	SMJ320C6701GLPW14	TMS320C6713BGDP300	TMS32C6713BGDP300B
5962-9866103VYC	SMV320C6701GLP/EM	TMS320C6713BZDP225	TMS32C6713BGDPA200
C6713BZDPA200CIS	TMS320C6202BGNZ250	TMS320C6713BZDP300	TMS32C6713BZDPA200
D610A003BZDP225	TMS320C6202BGNZ300	TMS320DM640AGNZ4	TNETV2010AFNBZDS
F731675GFN	TMS320C6202BZNZ250	TMS320DM640AZNZ4	TNETV2010AZDS
F761560ZXF	TMS320C6202BZNZ300	TMS320DM641AZNZ5	TNETV2020AVNDZDS
F761769BZED	TMS320C6203BGNZ300	TMS320DM641AZNZ6	TNETV2020AZDS
F761769BZED-50	TMS320C6203BZNZ300	TMS320DM642AGNZ6	TNETV2021ACLZDS
F771558ZXZ	TMS320C6211BGFN150	TMS320DM642AGNZ7	TNETV2021AFIDWZDS
GC5316IZED	TMS320C6211BGFN167	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.

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USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com