

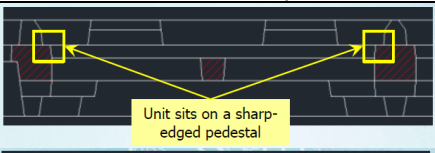
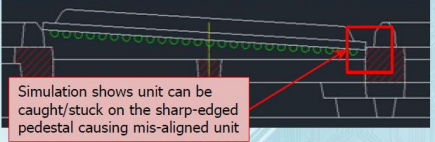
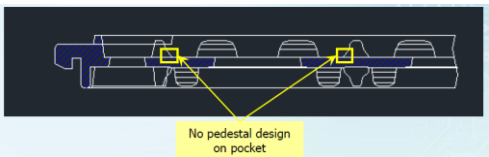


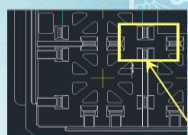
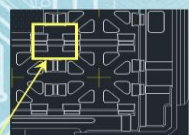
PCN Number:	20150708003	PCN Date:	07/20/2015
Title:	New trays for Select Devices		
Customer Contact:	PCN Manager	Dept:	Quality Services
Proposed 1st Ship Date:	10/20/2015		
Change Type:			
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process
<input type="checkbox"/>	Design	<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:

CJL and AAF tray change

What	From	To
Stock #/Supplier	4207771(CJL)/Kostat & 4218140(AAF)/Daewon	4221336/Daewon
Weight	110g	168g
Surface Resisitivity	10 exp 7/10 exp 6	10 exp 5
Temperature Rating	150C	150C
Color	Black	Black
Raw Material	MSPU/MPPO	MPPO
Thickness	7.62	12.19
Pocket Design	Pedestal/Slope	Slope
Tray Design	 <p>Unit sits on a sharp-edged pedestal</p>  <p>Simulation shows unit can be caught/stuck on the sharp-edged pedestal causing mis-aligned unit</p>	 <p>No pedestal design on pocket</p>
Tray Fence	<p>LIVE BUG DEAD BUG</p>   <p>Interlock on current tray is cross-design – can hit unit at corner if mis-aligned</p>	<p>LIVE BUG DEAD BUG</p>   <p>Proposed tray has no interlock both on top and bottom pocket</p>

Dimensional Comparison:

ITEMS DESCRIPTION	Symbol	4207771-0001 (Kostat - CJL)			4218140-0001 (Daewon - AAF)			4221336-0001 (Daewon)		
		DIM	Upper Limits	Lower Limits	DIM	Upper Limits	Lower Limits	DIM	Upper Limits	Lower Limits
Overall Length	L	322.6	322.85	322.35	322.6	322.85	322.35	322.6	322.85	322.35
Layout Length	A	315.0	315.25	314.75	315.0	315.25	314.75	315.0	315.25	314.75
Layout Width	B	135.9	136.15	135.65	135.9	136.15	135.65	135.9	136.15	135.65
Layout Length on Top Stack frame	A1	311.15	311.40	311.02	311.15	311.40	311.02	311.15	311.40	311.02
Layout Width on Top Stack frame	B1	132.08	132.33	131.95	132.08	132.33	131.95	132.08	132.33	131.95
Layout Length on Bottom Stack frame	A2	311.66	311.91	311.53	311.66	311.91	311.53	311.66	311.91	311.53
Layout Width on Bottom Stack frame	B2	132.59	132.84	132.46	132.59	132.84	132.46	132.59	132.84	132.46
End Tab Length	n/a	92.1	92.35	91.85	92.1	92.35	91.85	92.1	92.35	91.85
Overall Height	K	7.62	7.75	7.49	7.62	7.75	7.49	12.19	12.32	12.06
Stack Height	K1	1.27	1.40	1.14	1.27	1.40	1.14	2.03	2.16	1.90
Tray Matrix No.		4x10			4x10			4x10		
Pitch M	M	24.15	24.28	24.02	24.15	24.28	24.02	24.15	24.28	24.02
Pitch M3	M3	29.20	29.33	29.07	29.20	29.33	29.07	29.20	29.33	29.07
Pitch M1	M1	26.10	26.23	25.97	26.10	26.23	25.97	26.10	26.23	25.97
Pitch M2	M2	29.20	29.33	29.07	29.20	29.33	29.07	29.20	29.33	29.07
Package seating height (Top)	Ks	2.00	2.13	1.87	1.80	1.90	1.70	2.92	3.05	2.79
Package seating height (Bottom)	Kb	1.56	1.69	1.43	1.30	1.40	1.20	1.5	1.63	1.37

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:

F781946AAF	F751934AGJL-A	TMS320C6202GJL250	SM320C6202GJLA20EP
F751925CJL	TMS320C6201GJL200	TMS320C6202GJL250X	F771505CJL
F751925GJL	TMS320C6201GJLA200	TMS320C6202GJLA200	F771951ECJL
F751934AGJL	TMS320C6202GJL200	TMS320C6202GJLA233	F771951ECJL-LP

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