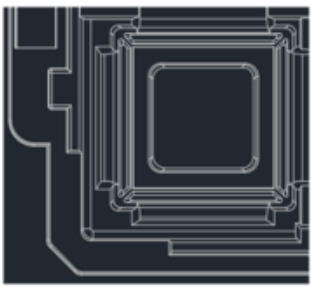
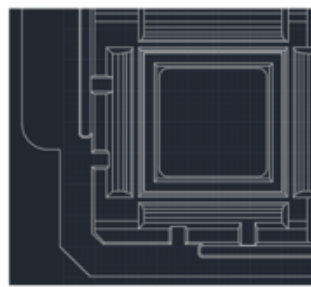


Engineering Validation Results

	4221057-0001 (UBOT)	4224858-0001 (Peak)	COMMENT
* Supplier Part Number :	UQ14141.40615XD	ND14141.4 0615 1 REVA	CHANGE
* Gram Weight:	158g	TBA	
* Surface Resistivity :	10 exp5 to 11	10 exp5 to 11	SAME
* Package Size :	14X14X1.4	14x14X1.4	SAME
* Package Type :	LQFP	LQFP	SAME
Temperature Rating :	150C	150C	SAME
Matrix (Column X Rows) :	6 X 15	6X15	SAME
Raw Material :	MPPO	MPPO	SAME
Color :	BLACK	BLACK	SAME
FLOOR DESIGN			CHANGE

Items Description	4221057-0001 (UBOT)			4224858-0001 (Peak)			COMMENT
	DIM	Upper Limits	Lower Limits	DIM	Upper Limits	Lower Limits	
Overall Length	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	NO CHANGE
Layout Width	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	NO CHANGE
Layout Width on Top Stack frame	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	NO CHANGE
Layout Width on Bottom Stack frame	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	NO CHANGE
Overall Height	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	NO CHANGE
Distance of tray singulation from corner of tray	34.3	34.55	34.05	34.3	34.55	34.05	NO CHANGE
Tray singulation width	25.4	25.65	25.15	25.4	25.65	25.15	NO CHANGE
Tray Lifting surface height	2.54	2.67	2.41	2.54	2.67	2.41	NO CHANGE
Pitch M	15.45	15.58	15.32	15.40	15.53	15.27	CHANGE
Pitch M3	21.00	21.13	20.87	21.00	21.13	20.87	NO CHANGE
Pitch M1	15.40	15.53	15.27	15.40	15.53	15.27	NO CHANGE
Pitch M2	20.30	20.43	20.17	20.30	20.43	20.17	NO CHANGE
Live bug fence to fence	16.30	16.40	16.20	16.25	16.33	16.17	CHANGE
Dead bug fence to fence	14.60	14.70	14.50	14.20	14.30	14.10	CHANGE
Package seating height (Top)	1.70	1.62	1.78	1.70	1.80	1.60	CHANGE
Package seating height (Bottom)	1.07	0.99	1.15	1.10	1.20	1.00	CHANGE

Reason for Change:

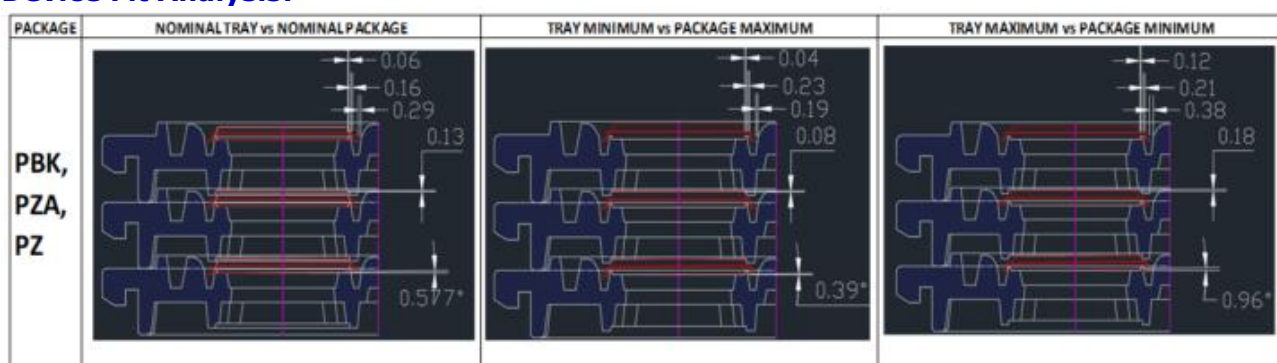
New tray eliminate tray warpage and unit stuck up

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

None

Anticipated impact on Material Declaration			
<input checked="" type="checkbox"/>	No Impact to the Material Declaration	<input type="checkbox"/>	Material Declarations or Product Content reports are driven from production data and will be available following the production release. Upon production release the revised reports can be obtained at the site link below http://www.ti.com/quality/docs/materialcontentsearch.tsp
Changes to product identification resulting from this PCN:			
New tray			
Product Affected:			
C336A049PZQTW	S4MF04201SPZSQ1	SN74V293PZAEP	TMS470AV33881PZQQ1
C336A050PZQTW	S4MF04207SPZQQ1	TMS320F28015PZQ	TMS470AVF336HPZQQ1
DE017001APZQ	S4MF04207SPZSQ1	TMS320F28016PZQ	TMS470AVF336IPZQQ1
DE017005APZQ	S4MF06607BSPZQQ1	TMS320F2801PZQ	TMS5700232BPZQQ1
DE017008APZQ	SD2802PZQ-60	TMS320F2802PZQ	TMS5700332APZQQ1
F280049PZQ	SD2811PBKQ	TMS320F2806PZQ	TMS5700332BPZQQ1
S470PV246BBPZQQ1	SM320F206PZEP	TMS320F2808PZQ	TMS5700432BPZQQ1
S470PV348BPZQQ1	SM320F2801PZMEP	TMS320F2809PZQ	TMS5700714APZQQ1
S4MF01104SPZQQ1	SM320F2808PZMEP	TMS320F2810PBKQ	TMS5700914APZQQ1
S4MF03107SPZQQ1	SN74V263PZAEP	TMS320F2811PBKQ	
S4MF04201SPZQQ1	SN74V283PZAEP	TMS470AV3388HPZQQ1	

Device Fit Analysis:



- X and Y clearance is not greater than 0.5 mm
- Rotation is less than 10 degrees

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