



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20140926000
Qualification of 4211649 Mold Compound for Selected
PowerPad QFP Device(s)
Change Notification / Sample Request

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 samples or additional data to support your evaluation, please request within 30 days.

The proposed first ship date is indicated on page 3 of this notification, unless customer agreement has been reached on an earlier implementation of the change.

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
Phone: +1(214) 480-6037
Fax: +1(214) 480-6659

PCN# 20140926000
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:	20140926000			PCN Date:	09/30/2014
Title:	Qualification of 4211649 Mold Compound for Selected PowerPad QFP Device(s)				
Customer Contact:	PCN Manager		Phone:	+1(214)480-6037	Dept: Quality Services
Proposed 1st Ship Date:	12/30/2014		Estimated Sample Availability:	Date provided at sample request	
Change Type:					
☐	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Assembly Process	☐	Data Sheet	☐	Wafer Bump Material
☒	Assembly Materials	☐	Part number change	☐	Wafer Bump Process
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials
		☐		☐	Wafer Fab Process
PCN Details					
Description of Change:					
Texas Instruments is pleased to announce the qualification of 4211649 Mold Compound for Select PowerPad QFP devices listed in "Product affected" section below. Devices will remain in current assembly facility and there will be no other piece part changes.					
	From	To			
Mold Compound	4205443	4211649			
Reason for Change:					
Continuity of supply.					
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):					
None.					
Changes to product identification resulting from this PCN:					
None.					
Product Affected:					
2509209-0001	DRV83055PHP	TAS5715PHP	TPA3100D2GPHPR		
2509209-0001E	DRV83055PHPR	TAS5715PHPR	TPA3100D2PHP		
2509209-0001EE	DRV8809PAP	TAS5716PAP	TPA3100D2PHP-P		
3DDAD1000CPFP	DRV91620PHPR	TAS5716PAPR	TPA3100D2PHPG4		
5962-0051101NXD	DRV91670PHP	TAS5717LPHP	TPA3100D2PHPR		
ADS1174IPAPR	DRV91670PHPR	TAS5717LPHPR	TPA3100D2PHPRG4		
ADS1174IPAPRG4	DRV92200PHP	TAS5717PHP	TPA3101D2PHP		
ADS1174IPAPT	DRV92200PHPR	TAS5717PHPR	TPA3101D2PHPG4		
ADS1174IPAPTG4	DRV92250PHP	TAS5719PHP	TPA3101D2PHPR		
ADS1178IPAPR	DRV92250PHPR	TAS5719PHPR	TPA3106D1VFP		
ADS1178IPAPT	HPA00046PZP	TAS5727APHP	TPA3106D1VFPG4		
ADS1178IPAPTG4	HPA00068IPAP	TAS5727APHPR	TPA3106D1VFPR		
ADS1274IPAPR	HPA00297PHPR	TAS5727PHP	TPA3107D2PAP		
ADS1274IPAPT	MPD23754MPZP	TAS5727PHPR	TPA3107D2PAP-3		
ADS1274IPAPTG4	PCM3168APAP	TAS5731PHP	TPA3107D2PAPG4		
ADS1278HPAP	PCM3168APAPR	TAS5731PHPR	TPA3107D2PAPR		
ADS1278IPAPR	PCM3168APAPRG4	TAS5733APHP	TPA3107D2PAPRG4		
ADS1278IPAPT	PCM4204PAPR	TAS5733APHPR	TPA3107D2PAPT		
ADS1278IPAPTG4	PCM4204PAPRG4	TAS5733PHP	TPA3107D2PAPTG4		

ADS1605IPAPR	PCM4204PAPT	TAS5733PHPR	TPS2342PFPR
ADS1605IPAPT	PCM4204PAPTG4	TAS5735PHP	TPS23841PAP
ADS1605IPAPTG4	PCM5310PAP	TAS5735PHPR	TPS23841PAPG4
ADS1606IPAPT	PCM5310APR	TAS5739MDPHP	TPS23841APR
ADS1606IPAPTG4	PDRV83053PHP	TAS5739MDPHPR	TPS23841PAPRG4
ADS1610IPAPR	PDRV83055PHP	TAS5743MPHP	TPS23841PJD
ADS1610IPAPT	PSNBA067B0PHP	TAS5745PHP	TPS23841PJDG4
ADS1625IPAPT	PSNC2024A0PHP	TAS5745PHPR	TPS2384APAPR
ADS1626IPAPT	PSNC2024A1PHP	TFP101APZP	TPS2384APJD
ADS2806Y/250	PSNC2024A2PHP	TFP101APZPG4	TPS2384APJDR
ADS2807Y/1K5	PSNC2024A2PHPR	TFP201APZP	TPS2384PAP
ADS2807Y/250	PSNC2024A3PHP	TFP201APZPG4	TPS2384PAPG4
ADS5240IPAP	PSNC2024A3PHPR	TFP201PZP	TPS2384PAPR
ADS5240IPAPG4	PTAS5705PAP	TFP401APZP	TPS2384PAPRG4
ADS5240IPAPT	PTAS5705PAPR	TFP401APZPG4	TPS2384PJD
ADS5240IPAPTG4	SC211038PAP	TFP401PZP	TPS2384PJDR
ADS5242IPAP	SC62091A5PAP	TFP401PZPG4	TRF2443IPFP
ADS5242IPAPT	SD200PHD	TFP403PZP	TRF2443IPFPR
ADS5242IPAPTG4	SD200PHDR	TFP403PZPG4	TSB41AB1PAP
ADS5270IPFP	SH6128BDT0PAPRG4	TFP410PAP	TSB41AB1PAPG4
ADS5270IPFPG4	SH6601AFC0PAPG4	TFP410PAPG4	TSB41AB1PHP
ADS5270IPFPT	SH6601AFD0PAPG4	TFP410APR	TSB41AB1PHPG4
ADS5270IPFPTG4	SH6601AFU0PAPG4	TFP501PZP	TSB41AB2PAP
ADS5271IPFP	SH6964BDC0PAPG4	TFP503PZP	TSB41AB2PAPG4
ADS5271IPFPG4	SLK2501IPZP	TFP510PAP	TSB41AB2APR
ADS5271IPFPT	SLK2501IPZPG4	TFP513PAP	TSB41AB2PAPRG4
ADS5271IPFPTG4	SLK2511AIPZP	TFP513PAPG4	TSB41AB3PFP
ADS5272IPFP	SLK2511BPZP	THS6132VFP	TSB41AB3PFPG4
ADS5272IPFPG4	SLK2511CPZP	THS7327PHP	TSB41BA3APFP
ADS5272IPFPT	SLK2511IPZP	THS7327PHPR	TSB41BA3APFPG4
ADS5272IPFPTG4	SLK2701IPZP	THS7327PHPRG4	TSB41BA3BPFP
ADS5273IPFP	SLK2721IPZP	THS7347IHP	TSB41BA3BPFPG4
ADS5273IPFPG4	SN0211038PAPG4	THS7347IPHPG4	TSB41BA3DIPFP
ADS5273IPFPT	SN0509045IPZP	THS7347IPHPR	TSB41BA3DPFP
ADS5277IPFP	SN081BA3PFP	THS788PFD	TSB41LV03APFP
ADS5277IPFPG4	SN1012039IPFPR	THS788PFD	TSB41LV04APFP
ADS5277IPFPT	SN104961PJPG4	THS789PFD	TSB41LV06APZP
ADS5281IPFP	SN104969VFPRG4	THS789PFD	TSB41LV06APZPG4
ADS5281IPFPG4	SN105108APJPG4	THS8135PHP	TSB81BA3EIPFP
ADS5281IPFPR	SN105117BPZPG4	THS8135PHPG4	TSB81BA3EPFP
ADS5292IPFP	SN105120PHPG4	THS8136IHP	TSB81BA3PFP
ADS5292IPFPR	SN1102043PZP	THS8136IPHPR	TSB81BA3PFPG4
ADS5292IPFPT	SN2110380PAPG4	THS8136PHP	TUSB8020BIPHTQ1
ADS5294IPFP	SN211038PAPG4	THS8136PHPR	TUSB8020BPHPT
ADS5294IPFPR	SN2342PFPR	THS8200PFP	TUSB8040APFP
ADS5294IPFPT	SN65LVCP408PAPR	TLC5904PZP	TUSB8040PFP
ADS5295PFP	SN65LVCP408PAPT	TLC5905PAP	TUSB8041TCPAP
ADS5295PFPR	SN65LVCP418PAPR	TLC5911PZP	TUSB9260PVP
ADS5295PFPT	SN65LVCP418PAPT	TLK100PHP	TUSB9261IPAPTQ1
ADS5400IPZP	SN84002B3PAP	TLK100PHPR	TUSB9261IPVP
ADS5400IPZPR	SN84002B3PAPR	TLK1201AIRCP	TUSB9261IPVPR

ADS5413IPHP	SN84002PAP	TLK1201AIRCPG4	TUSB9261IPVPT
ADS5440IPFP	SN84002PAPR	TLK1201AIRCPR	TUSB9261PAP
ADS5444IPFP	SN84002PAPT	TLK1201AIRCPRG4	TUSB9261PVP
ADS5444IPFPG4	SN96019PFPR	TLK1201ARCP	TUSB9261PVPR
ADS5444IPFPR	SNA1026PHPR	TLK1201ARCPG4	TUSB9261PVPT
ADS5463IPFP	SNB1041PHP	TLK1201AIRCPR	TVP5145PFP
ADS5463IPFPG4	SNB1041PHPR	TLK1201AIRCPRG4	TVP5145PFPG4
ADS5463IPFPR	SNB1057PHP	TLK1201IRCP	TVP5146M2IPFP
ADS5474IPFP	SNB1057PHPR	TLK1201IRCPR	TVP5146M2IPFPR
ADS5474IPFPG4	SNC2024PHP	TLK1201RCP	TVP5146M2PFP
ADS5474IPFPR	SNC2024PHPR	TLK1211RCP	TVP5146M2PFPR
ADS5474IPFPRG4	SNC2025PHP	TLK1211RCPG4	TVP5146PFP
ADS54RF63IPFP	SNC2025PHPR	TLK1501IRCP	TVP5146PFPR
ADS54RF63IPFPR	TAS3208IPZP	TLK1501IRCPRG4	TVP5147M1IPFP
ADS5500IPAP	TAS3208PZP	TLK1501IRCPR	TVP5147M1IPFPR
ADS5500IPAPR	TAS3208PZPR	TLK1501IRCPRG4	TVP5147M1PFP
ADS5510IPAP	TAS3218IPZP	TLK1521IPAP	TVP5147M1PFPR
ADS5510IPAPR	TAS3218IPZPR	TLK1521IPAPG4	TVP5147PFP
ADS5520IPAP	TAS5611APHD	TLK2201ARCP	TVP5147PFPR
ADS5520IPAPG4	TAS5611APHDR	TLK2201ARCPG4	TVP5154AIPNP
ADS5520IPAPR	TAS5611PHD	TLK2201BIRCP	TVP5154AIPNPR
ADS5521IPAP	TAS5611PHDR	TLK2201BIRCPRG4	TVP5154APNP
ADS5521IPAPG4	TAS5612APHD	TLK2201BIRCPR	TVP5154APNPR
ADS5522IPAP	TAS5612APHDR	TLK2201BIRCPRG4	TVP5154PNP
ADS5522IPAPG4	TAS5612PHD	TLK2201BRCP	TVP5154PNPR
ADS5522IPAPR	TAS5612PHDR	TLK2201BRCPG4	TVP5156PNP
ADS5541IPAP	TAS5613APHD	TLK2201BRCPR	TVP5157PNP
ADS5541IPAPR	TAS5613APHDR	TLK2201BRCPRG4	TVP5157PNPR
ADS5542IPAP	TAS5613PHD	TLK2201IRCP	TVP5158IPNP
ADS5542IPAPG4	TAS5613PHDR	TLK2201RCP	TVP5158IPNPR
ADS5553IPFP	TAS5614APHD	TLK2201RCPR	TVP5158PNP
ADS5553IPFPR	TAS5614APHDR	TLK2211RCP	TVP5158PNPR
ADS58C20IPFP	TAS5614PHD	TLK2211RCPR	TVP5160M1PNP
ADS58C20IPFPR	TAS5614PHDR	TLK2211RCPRG4	TVP5160PNP
ADS58C23IPFP	TAS5615PHD	TLK2501IRCP	TVP7000PZP
ADS58C23IPFPR	TAS5616PHD	TLK2501IRCPRG4	TVP7000PZPR
ADS58C48IPFP	TAS5616PHDR	TLK2501IRCPR	TVP7001PZP
ADS58C48IPFPR	TAS5630BPHD	TLK2501IRCPRG4	TVP7001PZPR
ADS808Y/250	TAS5630BPHDR	TLK2521IPAP	TVP70025IPZP
ADS809Y/250	TAS5630BSPHD	TLK2521IPAPG4	TVP70025IPZPR
AMC7812SPAPR	TAS5630BSPHDR	TLK2541PFP	TVP7002PZP
ATDX2462EPPNP	TAS5630PHD	TLK2541PFPG4	TVP7002PZPR
BQ76PL536APAP	TAS5631BPHD	TLK2541PFPR	VCA5807PZP
BQ76PL536APAPR	TAS5631BPHDR	TLK2541PFPRG4	XIO2001IPNP
BQ76PL536APAPT	TAS5631PHD	TLK2701IRCP	XIO2001PNP
BQ76PL536BPAPR	TAS5631PHDR	TLK2701IRCPRG4	ADS2807Y/1K5G4
CDCLVP111VFP	TAS5701PAP	TLK2701IRCPR	ADS2807Y/250G4
CDCLVP111VFPR	TAS5701PAP-P	TLK2701IRCPRG4	ADS5411IPGP
D703E002BRFP200	TAS5701PAPR	TLK2711AIRCPR	ADS5411IPGPR
D705E002BRFP250	TAS5701PAPRG4	TLK2711AIRCPR	ADS5423IPGP
D707E001BRFP250	TAS5704PAP	TLK2711IRCP	ADS5423IPGPR

D708E001BRFP266	TAS5704PAP-P	TLK2711IRCPG4	ADS5424IPGP
D708E001BRFP266M	TAS5704PAPR	TLK3101IRCP	ADS5424IPGPR
D708E001BRFP266Z	TAS5704PAPRG4	TLK3101IRCPG4	ADS808Y/250G4
D708E002BRFP266	TAS5705PAP	TMDS442PNP	BQ76PL536BPAPT
D70YE101BRFP266	TAS5705PAPR	TMDS442PNPG4	PSNB7031B2PFP
D787E001BRFP250	TAS5706APAP	TMDS442PNPR	SN96019PFP
D787E001BRFP250L	TAS5706APAPG4	TMS320C6720BRFP200	SNB7031PFP
D788E001BRFP266	TAS5706APAPR	TMS320C6722BRFP200	SNB7031PFPR
D788E001BRFP266Z	TAS5706APAPRG4	TMS320C6722BRFP250	TAS5615APHD
D788E002BRFP266	TAS5706BPAP	TMS320C6726BRFP266	TAS5615APHDR
DAC5674IPHP	TAS5706BPAPR	TNETE2201BPHD	TAS5615PHDR
DAC5674IPHPG4	TAS5706PAP	TNETE2201BPJD	TAS5630APHD
DAC5674IPHPR	TAS5706PAP-P	TNETE2201BPJDR	TAS5630APHDR
DAC5675AIPHP	TAS5706PAPR	TNETE2201BPJDRG4	TAS5630PHDR
DAC5675AIPHPG4	TAS5707APHP	TNETE2201BPJW	TAS5711PHP
DAC5675AIPHPR	TAS5707APHPR	TNETE2201BPJWG4	TAS5711PHPR
DAC5675IPHP	TAS5707LPHP	TNETE2201BPJWR	TAS5731MPHP
DAC5675IPHPG4	TAS5707LPHPR	TNETE2201BPJWRG4	TAS5731MPHPR
DAC5686IPZP	TAS5707PHP	TNETV115PAP	TAS5743MPHPR
DAC5686IPZPG4	TAS5707PHPR	TPA3002D2PHP	TAS5747PHP
DAC5687IPZP	TAS5708LPHP	TPA3002D2PHPG4	TAS5747PHPR
DAC5687IPZPG4	TAS5708LPHPR	TPA3002D2PHPR	TPA3004D2PHP
DAC5687IPZPR	TAS5708PHP	TPA3004D2PHP-P	TPA3004D2PHPG4
DAD1000CPFPG4	TAS5708PHPR	TPA3004D2PHPR	TSB81BA3DPFP
DP83867PAPR	TAS5709AGPHP	TPA3004D2PHPRG4	TSB81BA3DPFPG4
DRV591VFP	TAS5709AGPHPR	TPA3005D2PHP	D607A003BRFP200
DRV591VFPG4	TAS5709APHP	TPA3005D2PHPG4	D607A003BRFPA200
DRV591VFPR	TAS5709APHPR	TPA3005D2PHPR	D60YA003BPYP225
DRV591VFPRG4	TAS5709GPHP	TPA3005D2PHPRG4	D610A003BPYP225
DRV592VFP	TAS5709GPHPR	TPA3008D2PHP	TMS320C6713BPYP200
DRV593VFP	TAS5709PHP	TPA3008D2PHPG4	TMS320C6713BPYP225
DRV593VFPR	TAS5709PHPR	TPA3008D2PHPR	TMS32C6713BPYPA167
DRV594VFP	TAS5710PHP	TPA3008D2PHPRG4	TMS32C6713BPYPA200
DRV594VFPR	TAS5710PHPR	TPA3009D2PHP	
DRV83053PHP	TAS5713PHP	TPA3009D2PHPR	
DRV83053PHPR	TAS5713PHPR	TPA3100D2GPHP	

Qualification Report
G700LB mold compound enterprise qualification for PowerPad QFP packages in TAI and PHI sites
Approved 05/13/2014

Product Attributes

Attributes	Qual Device: 6964BDC0PAPG4	Qual Device: ADS58C20IPFP	Qual Device: D610A3BPYP225	Qual Device: DRV593VFP_MSL1	Qual Device: DRV593VFP_MSL2	Qual Device: SLK2511CPZP
Assembly Site	TAI	PHI	TAI	TAI	TAI	TAI
Package Family	HTQFP	HTQFP	HTQFP	HLQFP	HLQFP	HTQFP
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Wafer Fab Site	MIHO8	DMOS5	DMOS 5	HIJI	HIJI	ANAM
Wafer Fab Process	LBC7	1833C05	1233C035.A6C	LBC3S	LBC3S	25C10
Die Revision	BD	B	A	A	A	C
Passivation	SiON	Oxide/Nitride	Oxide/Nitride	Nitride	Nitride	Oxide/Nitride
Package Attributes	Qual Device: 6964BDC0PAPG4	Qual Device: ADS58C20IPFP	Qual Device: D610A3BPYP225	Qual Device: DRV593VFP_MSL1	Qual Device: DRV593VFP_MSL2	Qual Device: SLK2511CPZP
Assembly Site	TAI	PHI	TAI	TAI	TAI	TAI
Package Family	HTQFP	HTQFP	HTQFP	HLQFP	HLQFP	HTQFP
Package Designator	PAP	PFP	PYP	VFP	VFP	PZP
Package Size (mils)	393.7 X 393.7	472.44 X 472.44	1102.36 X 1102.36	275.59 X 275.59	275.59 X 275.59	393.7 X 393.7
Body Thickness (mils)	39.37	39.37	55.12	55.12	55.12	39.37
Pin Count	64	80	208	32	32	100
Lead Frame Material	Cu	Cu Roughened	Cu	Cu	Cu	Cu and Cu Roughened
Lead Finish	NiPdAu	NiPdAu	NiPdAu	NiPdAu	NiPdAu	NiPdAu
Lead Pitch (mils)	19.68	19.68	19.68	31.5	31.5	19.68
Mount Compound	4208458	4208458	4042504	4206201	4206201	4042504
Mold Compound	4211649	4211649	4211649	4211649	4211649	4211649
Bond Wire Composition	Cu	Au	Au	Cu	Cu	Cu, PCC
Bond Wire Diameter (mils)	0.96	0.96	0.96	0.96	0.96	0.96, 1.0
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0

- QBS: Qual By Similarity
- Qual Device qualified at LEVEL4-260CG: D610A3BPYP225
- Qual Devices qualified at LEVEL3-260CG: 6964BDC0PAPG4, ADS58C20IPFP, SLK2511CPZP, TLK2201BIRCP, TUSB9260PVP, TVP70025IPZPR, TAS5707PHP, TVP5145PFP, TAS5631PHDR
- Qual Device qualified at LEVEL2-260CG: DRV593VFP
- Devices contain multiple dies: TAS5707PHP, TVP5145PFP

Attributes	Qual Device: TAS5631PHDR	Qual Device: TLK2201BIRCP	Qual Device: TUSB9260PVP	Qual Device: TVP70025IPZPR	Qual Device: TAS5707PHP	Qual Device: TVP5145PFP
Assembly Site	TAI	TAI	PHI	TAI	PHI	TAI
Package Family	HTQFP	HVQFP	HTQFP	HTQFP	HTQFP	HTQFP
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Wafer Fab Site	DMOS5	ANAM	DMOS6	DMOS5	RFAB	MIHO6
					DMOS5	ANAM
Wafer Fab Process	LBC5	25C10X4	C021	1833C05	1833C05	33A12
					LBC5X	33C10.34L
Die Revision	C	F	D	B	-	C
					A0	F
Passivation	Oxide/Nitride	Oxide/Nitride	Oxide/Nitride	Oxide/Nitride	Oxide/Nitride	Nitride
						Oxide/Nitride
Package Attributes	Qual Device: TAS5631PHDR	Qual Device: TLK2201BIRCP	Qual Device: TUSB9260PVP	Qual Device: TVP70025IPZPR	Qual Device: TAS5707PHP	Qual Device: TVP5145PFP
Assembly Site	TAI	TAI	PHI	TAI	PHI	TAI
Package Family	HTQFP	HVQFP	HTQFP	HTQFP	HTQFP	HTQFP
Package Designator	PHD	RCP	PVP	PZP	PHP	PFP
Package Size (mils)	472.44 X 472.44	393.7 X 393.7	275.59 X 275.59	551.18 X 551.18	275.59 X 275.59	472.44 X 472.44
Body Thickness (mils)	39.37	31.5	39.37	39.37	39.37	39.37
Pin Count	64	64	64	100	48	80
Lead Frame Material	Cu	Cu	Cu Roughened	Cu Roughened	Cu	Cu
Lead Finish	NiPdAu	NiPdAu	NiPdAu	NiPdAu	NiPdAu	NiPdAu
Lead Pitch (mils)	31.5	19.68	15.75	19.68	19.68	19.68
Mount Compound	4206201	4042504	4208458	4042504	4208458	4042504
Mold Compound	4211649	4211649	4211649	4211649	4211649	4211649
Bond Wire Composition	Cu	Cu	Au	Cu	Cu	Au
Bond Wire Diameter (mils)	1.98	0.96	0.8	0.8	0.8; 1.98	0.96
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0

- QBS: Qual By Similarity
- Qual Device qualified at LEVEL4-260CG: D610A3BPYP225
- Qual Devices qualified at LEVEL3-260CG: 6964BDC0PAPG4, ADS58C20IPFP, SLK2511CPZP, TLK2201BIRCP, TUSB9260PVP, TVP70025IPZPR, TAS5707PHP, TVP5145PFP, TAS5631PHDR
- Qual Device qualified at LEVEL2-260CG: DRV593VFP
- Devices contain multiple dies: TAS5707PHP, TVP5145PFP

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Type	Test Name / Condition	Duration	Qual Device: 6964BDC0PAPG4	Qual Device: ADS58C20IPFP	Qual Device: D610A3BPYP225	Qual Device: DRV593VFP_MSL1	Qual Device: DRV593VFP_MSL2	Qual Device: SLK2511CPZP
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	-	-	-	-
THB	Biased Temperature and Humidity, 85C/85%RH	1000 Hours	-	-	1/71/0	-	-	-
AC	Autoclave 121C	96 Hours	3/231/0	6/600/0	3/231/0	1/77/0	2/154/0	12/924/0
TC	Temperature Cycle, -65/+150C	500 Cycles	3/231/0	6/600/0	3/231/0	1/77/0	2/154/0	12/924/0
HTSL	High Temp Storage Bake 170C	420 Hours	-	6/600/0	3/231/0	1/77/0	2/154/0	12/924/0
ED	Electrical Characterization	Per Datasheet Parameters	-	-	-	-	-	-
MQ	Manufacturability	(per mfg Site specification)	Pass	Pass	Pass	-	Pass	Pass

Type	Test Name / Condition	Duration	Qual Device: TAS5631PHDR	Qual Device: TLK2201BIRCP	Qual Device: TUSB9260PVP	Qual Device: TVP70025IPZPR	Qual Device: TAS5707PHP	Qual Device: TVP5145PFP
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	-	-	3/231/0	-
THB	Biased Temperature and Humidity, 85C/85%RH	1000 Hours	-	-	-	-	-	-
AC	Autoclave 121C	96 Hours	-	3/231/0	3/300/0	3/231/0	3/300/0	3/231/0
TC	Temperature Cycle, -65/+150C	500 Cycles	-	3/243/0	3/300/0	3/240/0	3/300/0	3/231/0
HTSL	High Temp Storage Bake 170C	420 Hours	-	3/231/0	3/245/0	-	-	3/231/0
ED	Electrical Characterization	Per Datasheet Parameters	-	-	Pass	-	-	-
MQ	Manufacturability	(per mfg Site specification)	Pass	Pass	Pass	Pass	Pass	Pass

- Preconditioning was performed for Autoclave, Unbiased HAST, THB/Biased HAST, Temperature Cycle, Thermal Shock, and HTSL, as applicable

- The following are equivalent HTOL options based on an activation energy of 0.7eV : 125C/1k Hours, 140C/480 Hours, 150C/300 Hours, and 155C/240 Hours

- The following are equivalent HTSL options based on an activation energy of 0.7eV : 150C/1k Hours, and 170C/420 Hours

- The following are equivalent Temp Cycle options per JESD47 : -55C/125C/700 Cycles and -65C/150C/500 Cycles
Quality and Environmental data is available at TI's external Web site: <http://www.ti.com/>

Green/Pb-free Status:

Qualified Pb-Free(SMT) and Green

TI Qualification ID: 20120920-67421

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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