



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN#20180319003

**Qualification of an additional material set for select devices in the QFN package
Change Notification / Sample Request**

Date: April 02, 2018
To: EBV 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 samples or 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).

Sincerely,

PCN Team
SC Business Services

20180319003
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.

DEVICE	CUSTOMER PART NUMBER
SN0603044RSAR	SN0603044RSAR
SN1012031RGVR	SN1012031RGVR
AFE030AIRGZR	null
ADS1120IRVAR	null
ADS1148IRHBT	null
ADS1220IRVAR	null
ADS1220IRVAT	null
ADS1257IRGWT	null
ADS1291IRSMR	null
ADS1292IRSMR	null
ADS1292IRSMT	null
ADS8028IRTJT	null
ADS8638SRGET	null
AFE031AIRGZR	null
AFE031AIRGZT	null
BQ24040DSQR	null
BQ24040DSQT	null
BQ24072RGTR	null
BQ24072RGTT	null
BQ24072TRGTT	null
BQ24073RGTR	null
BQ24073RGTT	null
BQ24074RGTR	null
BQ24074RGTT	null
BQ24075RGTR	null
BQ24075RGTT	null
BQ24075TRGTR	null
BQ24075TRGTT	null
BQ24079RGTT	null
BQ24079TRGTT	null
BQ24086DRCT	null
BQ24133RGYT	null
BQ24160RGET	null
BQ24161RGET	null
BQ24166RGER	null
BQ24166RGET	null
BQ24168RGET	null
BQ24170RGYT	null
BQ24171RGYR	null
BQ24171RGYT	null
BQ24172RGYR	null
BQ24172RGYT	null
BQ24190RGER	null
BQ24192IRGET	null
BQ24192RGET	null
BQ24193RGET	null
BQ24230RGTR	null
BQ24230RGTT	null
BQ24232HRGTT	null
BQ24232RGTR	null
BQ24250RGET	null
BQ24251RGER	null
BQ24257RGET	null
BQ24270RGER	null
BQ24270RGET	null
BQ24271RGER	null
BQ24271RGET	null

BQ24272RGET	null
BQ24295RGET	null
BQ24296RGER	null
BQ24600RVAT	null
BQ24616RGET	null
BQ24630RGET	null
BQ24640RVAT	null
BQ24707ARGRT	null
BQ24725ARGRT	null
BQ24745RHDT	null
BQ24747RHDR	null
BQ25040DQCT	null
BQ25070DQCR	null
BQ25070DQCT	null
BQ25504RGTT	null
BQ25570RGRR	null
BQ25570RGRT	null
BQ27410DRZT-G1	null
BQ27441DRZT-G1A	null
BQ27510DRZR-G3	null
BQ27510DRZT-G3	null
BQ27541DRZR-G1	null
BQ27541DRZT-G1	null
BQ27542DRZR-G1	null
BQ29200DRBT	null
BQ294582DRVR	null
BQ294592DRVR	null
BQ294602DRVT	null
BQ294705DSGR	null
BQ294705DSGT	null
BQ294707DSGR	null
BQ29700DSER	null
BQ29702DSER	null
BQ29706DSET	null
BQ40Z50RSMR-R1	null
BQ40Z50RSMT-R1	null
BQ40Z60RHBT	null
BQ500210RGZT	null
BQ500212ARGZR	null
BQ500212ARGZT	null
BQ500215RGCT	null
BQ500410ARGZT	null
BQ51013ARHLT	null
BQ51013BRHLT	null
BQ51050BRHLT	null
BQ771611DPJT	null
BQ771802DPJR	null
BQ771802DPJT	null
CC1101RGP	null
CC1101RGPR	null
CC110LRGPR	null
CC1110F16RHHR	null
CC1110F32RHHR	null
CC1110F32RHHT	null
CC1110F8RHHR	null
CC1120RHBR	null
CC1120RHBT	null
CC1121RHBR	null
CC1121RHBT	null
CC1125RHBR	null
CC1125RHBT	null
CC115LRGPR	null
CC1175RHBR	null
CC1175RHBT	null
CC1310F128RGZR	null
CC1310F128RGZT	null
CC1310F128RHBT	null
CC1310F128RSMT	null
CC1310F64RHBR	null
CC1310F64RHBT	null

CC1310F64RSMT	null
CC2420RGZR	null
CC2420RGZT	null
CC2500RGP	null
CC2500RGPR	null
CC2510F32RHHR	null
CC2530F128RHAT	null
CC2530F256RHAR	null
CC2531F128RHAR	null
CC2531F256RHAR	null
CC2531F256RHAT	null
CC2533F64RHAR	null
CC2533F96RHAT	null
CC2540F128RHAR	null
CC2540F256RHAR	null
CC2540F256RHAT	null
CC2540TF256RHAT	null
CC2541F128RHAR	null
CC2541F256RHAR	null
CC2541F256RHAT	null
CC2630F128RGZT	null
CC2630F128RHBR	null
CC2640F128RGZT	null
CC2640F128RHBR	null
CC2640F128RHBT	null
CC2640F128RSMT	null
CC2650F128RGZR	null
CC2650F128RGZT	null
CC2650F128RHBR	null
CDCLVD1204RGTT	null
CDCLVD1208RHDT	null
CDCLVD1212RHAT	null
CDCLVD1213RGTR	null
CDCLVD1216RGZT	null
CDCLVD2102RGTT	null
CDCLVD2104RHDT	null
CDCLVD2108RGZT	null
CDCM6208V1RGZT	null
CDCM6208V2RGZT	null
CDCUN1208LPRHBT	null
DAC5578SRGET	null
DAC7578SRGET	null
DAC7750IRHAT	null
DAC7760IRHAR	null
DAC7760IRHAT	null
DAC8760IRHAR	null
DAC8760IRHAT	null
DRV2603RUNT	null
DRV2665RGPT	null
DRV2700RGPT	null
DRV401AIRGWR	null
DRV8308RHAR	null
DRV8308RHAT	null
DRV8662RGPR	null
DRV8662RGPT	null
DRV8701PRGER	null
DRV8812RHDR	null
DRV8830DRCR	null
DRV8832DRCT	null
DRV8833RTYT	null
DRV8834RGER	null
DRV8834RGET	null
DRV8835DSSR	null
DRV8836DSSR	null
DRV8837DSGR	null
DRV8837DSGT	null
DRV8838DSGR	null
DRV8838DSGT	null
DRV8846RGET	null
DRV8880RHRT	null

HPA01046RGWR	null
INA223AIDSKR	null
INA826AIDRGT	null
LDC0851HDSGT	null
LDC1101DRCT	null
LM27761DSGT	null
MSP430F5244IRGZT	null
MSP430F5249IRGCR	null
MSP430F5253IRGCT	null
MSP430F5340IRGZR	null
MSP430F5342IRGZR	null
MSP430F5342IRGZT	null
MSP430FR5725IRHAR	null
MSP430FR5729IRHAR	null
MSP430FR5739IRHAT	null
MSP430FR5847IRHAT	null
MSP430FR5849IRHAT	null
MSP430FR5859IRHAR	null
MSP430FR5949IRHAR	null
MSP430FR5949IRHAT	null
MSP430FR5969IRGZT	null
MSP430G2153IRHB32T	null
MSP430G2253IRHB32T	null
MSP430G2313IRHB32R	null
MSP430G2403IRHB32T	null
MSP430G2433IRHB32R	null
MSP430G2513IRHB32R	null
MSP430G2553IRHB32R	null
MSP430G2553IRHB32T	null
MSP430V386IRHB32R	null
OPA2333AIDRBR	null
OPA2333AIDRBT	null
OPA857IRGTT	null
SN65HVD01DRCT	null
SN65HVD101RGRB	null
SN65HVD101RGRB	null
SN65HVD102RGRB	null
SN65HVD102RGRB	null
SN65HVD72DRBT	null
SN65HVD75DRBT	null
SN65HVD78DRBR	null
SN65HVD78DRBT	null
SN65LV1023ARHBT	null
SN65LV1224BRHBT	null
SN65LVCP40RGZ	null
SN75DP129RHHT	null
SN75DP130DSRGZR	null
SN75DP130DSRGZT	null
SN75DP130SSRGZT	null
SN75LVCP412RTJT	null
TAS2505IRGET	null
THS4509RGTR	null
THS4509RGTT	null
THS4541IRGTT	null
THS6226IRHBR	null
TLC5924RHBT	null
TLC59283RGET	null
TLC5954RTQT	null
TLC5955RTQT	null
TLK105RHBR	null
TLK105RHBT	null
TLK106LRHBR	null
TLK106RHBR	null
TLK106RHBT	null
TLK6201EARGTT	null
TLV320ADC3101IRGER	null
TLV320AIC29IRGZT	null
TLV320AIC3101IRHBT	null
TLV320AIC3104IRHBR	null
TLV320AIC3104IRHBT	null

TLV320AIC3105IRHBT	null
TLV320AIC3110IRHBT	null
TLV320AIC3204IRHBR	null
TLV320AIC3204IRHBT	null
TLV320AIC3254IRHBR	null
TLV320AIC3254IRHBT	null
TLV320AIC33IRGZR	null
TLV320AIC33IRGZT	null
TLV320DAC3101IRHBT	null
TLV320DAC32IRHBR	null
TLV320DAC32IRHBT	null
TLV62065DSGR	null
TLV62084DSGR	null
TLV62090RGTR	null
TLV62090RGTT	null
TLV62130ARGTT	null
TLV62130RGTR	null
TLV62130RGTT	null
TLV62150ARGTR	null
TLV62150RGTR	null
TMDS141RHAR	null
TMDS181RGZR	null
TMDS181RGZT	null
TMP513AIRSAT	null
TPA2005D1DRBR	null
TPA2006D1DRBT	null
TPA2012D2RTJR	null
TPA2012D2RTJT	null
TPA3117D2RHBT	null
TPA3131D2RHBT	null
TPA6132A2RTET	null
TPA6133A2RTJT	null
TPA6135A2RTET	null
TPA6211A1DRBR	null
TPS2231MRGPT	null
TPS22953DSQR	null
TPS22954DSQR	null
TPS22965DSGT	null
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TPS22994RUKR	null
TPS2420RSAT	null
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TPS2553DRVT-1	null
TPS2556DRBT	null
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TPS2559DRCR	null
TPS2560ADRCCR	null
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TPS2560DRCT	null
TPS2561ADRCCR	null
TPS2561ADRCT	null
TPS2561DRCT	null
TPS2590RSAR	null
TPS25910RSAR	null
TPS25910RSAT	null
TPS259261DRCT	null
TPS2592ALDRCT	null
TPS2592BADRCT	null
TPS2592ZADRCT	null
TPS25940LRVCT	null

TPS25942LRVCT	null
TPS25944LRVCR	null
TPS28225DRBR	null
TPS28225DRBT	null
TPS40040DRBT	null
TPS40041DRBT	null
TPS40100RGET	null
TPS40190DRCT	null
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TPS40222DRPT	null
TPS40303DRCT	null
TPS40304DRCR	null
TPS40305DRCR	null
TPS40305DRCT	null
TPS40322RHBR	null
TPS40322RHBT	null
TPS40422RHAT	null
TPS43060RTER	null
TPS43060RTET	null
TPS43061RTER	null
TPS43061RTET	null
TPS51116RGER	null
TPS51116RGET	null
TPS51120RHBT	null
TPS51124RGET	null
TPS51200DRCR	null
TPS51200DRCT	null
TPS51217DSCT	null
TPS51220ARTVT	null
TPS51220RHBR	null
TPS51220RHBT	null
TPS51225BRUKT	null
TPS51225RUKR	null
TPS51461RGET	null
TPS51601ADRBT	null
TPS51604DSGT	null
TPS51621RHAR	null
TPS51622ARSMR	null
TPS51623RSMR	null
TPS51631ARSMT	null
TPS51631RSMR	null
TPS51631RSMT	null
TPS51640ARSLR	null
TPS51650RSLR	null
TPS53640RSBT	null
TPS53641RSBT	null
TPS53647RTAT	null
TPS54061DRBR	null
TPS54061DRBT	null
TPS54062DRBT	null
TPS54218RTET	null
TPS54226ARGTR	null
TPS54226RGTR	null
TPS54227DRCT	null
TPS54319RTER	null
TPS54319RTET	null
TPS54320RHLR	null
TPS54320RHLT	null
TPS54326RGTR	null
TPS54327DRCT	null
TPS54334DRCR	null
TPS54361DPRT	null
TPS54395RSAT	null
TPS54418ARTER	null
TPS54418RTER	null
TPS54418RTET	null
TPS54426RSAR	null
TPS54426RSAT	null
TPS54519RTET	null
TPS54526RSAT	null

TPS54541DPRR	null
TPS54541DPRT	null
TPS54561DPRR	null
TPS54561DPRT	null
TPS54620RGYR	null
TPS54620RGYT	null
TPS54620RHLT	null
TPS54622RHLT	null
TPS54821RHLLR	null
TPS54821RHLLT	null
TPS55010RTER	null
TPS55010RTET	null
TPS55330RTET	null
TPS55340RTET	null
TPS59116RGER	null
TPS59124RGET	null
TPS60150DRVR	null
TPS60150DRVT	null
TPS60151DRVR	null
TPS60151DRVT	null
TPS61020DRCR	null
TPS61026DRCR	null
TPS61026DRCT	null
TPS61030RSAR	null
TPS61081DRCT	null
TPS61087DRCR	null
TPS61087DRCT	null
TPS61088RHLLR	null
TPS61088RHLLT	null
TPS61093DSKR	null
TPS61093DSKT	null
TPS61158DRVR	null
TPS61160DRVR	null
TPS61160DRVT	null
TPS61161ADRVR	null
TPS61161ADRVT	null
TPS61161DRVR	null
TPS61161DRVT	null
TPS61165DRVR	null
TPS61165DRVT	null
TPS61170DRVR	null
TPS61170DRVT	null
TPS61176RTER	null
TPS61200DRCR	null
TPS61200DRCT	null
TPS61201DRCT	null
TPS61202DRCT	null
TPS61240DRVR	null
TPS61240DRVT	null
TPS61291DRVR	null
TPS61291DRVT	null
TPS62040DRCR	null
TPS62060DSGT	null
TPS62063DSGT	null
TPS62065DSGR	null
TPS62065DSGT	null
TPS62067DSGR	null
TPS62067DSGT	null
TPS62090RGTR	null
TPS62090RGTT	null
TPS62091RGTT	null
TPS62110RSAR	null
TPS62110RSAT	null
TPS62111RSAR	null
TPS62111RSAT	null
TPS62112RSAR	null
TPS62112RSAT	null
TPS62113RSAT	null
TPS62130ARGTR	null
TPS62130ARGTT	null

TPS62130RGTR	null
TPS62130RGTT	null
TPS62132RGTR	null
TPS62132RGTT	null
TPS62133RGTR	null
TPS62133RGTT	null
TPS62140ARGTT	null
TPS62140RGTR	null
TPS62140RGTT	null
TPS62142RGTR	null
TPS62142RGTT	null
TPS62143RGTR	null
TPS62143RGTT	null
TPS62150RGTR	null
TPS62150RGTT	null
TPS62152RGTR	null
TPS62152RGTT	null
TPS62153RGTT	null
TPS62175DQCR	null
TPS62175DQCT	null
TPS62177DQCR	null
TPS62177DQCT	null
TPS62400DRCR	null
TPS62400DRCT	null
TPS62402DRCR	null
TPS62402DRCT	null
TPS62410DRCR	null
TPS62410DRCT	null
TPS62420DRCR	null
TPS62420DRCT	null
TPS62510DRCT	null
TPS62737RGYT	null
TPS62740DSSR	null
TPS62740DSST	null
TPS62745DSST	null
TPS63000DRCR	null
TPS63000DRCT	null
TPS63001DRCR	null
TPS63001DRCT	null
TPS63002DRCR	null
TPS63002DRCT	null
TPS63030DSKR	null
TPS63030DSKT	null
TPS63031DSKR	null
TPS63031DSKT	null
TPS65023BRSBR	null
TPS65023RSBR	null
TPS65023RSBT	null
TPS650240RHBR	null
TPS65051RSMT	null
TPS65053RGER	null
TPS65053RGET	null
TPS65070RSLR	null
TPS65070RSLT	null
TPS65130RGET	null
TPS65217BRSLT	null
TPS65217CRSLR	null
TPS65217CRSLT	null
TPS65217DRSLR	null
TPS65217DRSLT	null
TPS65218B1RSLR	null
TPS65218B1RSLT	null
TPS65250RHAR	null
TPS65250RHAT	null
TPS652510RHAT	null
TPS65251RHAR	null
TPS65251RHAT	null
TPS65253RHDT	null
TPS65261RHBT	null
TPS65262-1RHBT	null

TPS65266RHBT	null
TPS65279RHHR	null
TPS65400RGZR	null
TPS65910A1RSL	null
TPS65910A31A1RSLR	null
TPS65910A31A1RSLT	null
TPS65910A3A1RSLR	null
TPS65910AA1RSL	null
TPS65910AA1RSLR	null
TPS65910B2RSLR	null
TPS65910B2RSLT	null
TPS70615DRVT	null
TPS70618DRVT	null
TPS70933DRVT	null
TPS720105DRVT	null
TPS72015DRVT	null
TPS73701DRBR	null
TPS73701DRBT	null
TPS74701DRCT	null
TPS74801DRCT	null
TPS74901RGWT	null
TPS7A3301RGWT	null
TPS7A3501DRVR	null
TPS7A4700RGWR	null
TPS7A4700RGWT	null
TPS7A4701RGWT	null
TPS7A7100RGTT	null
TPS7A7100RGWT	null
TPS7A7200RGTT	null
TPS7A7200RGWT	null
TPS7A7300RGWT	null
TPS7A8001DRBR	null
TPS7A8001DRBT	null
TPS7A8101DRBR	null
TPS7A8101DRBT	null
TPS7A8300RGRT	null
TPS7A8300RGWT	null
TPS7A8400RGRT	null
TPS7A8500RGRT	null
TRF3705IRGET	null
TS3L500AERHUR	null
TUSB1210BRHBR	null
TUSB1210BRHBT	null
UCC27523DSDT	null
UCC27527DSDT	null
UCC27528DSDT	null
UCC28250RGPT	null
UCD7231RTJR	null
UCD90120ARGCT	null
UCD9090RGZT	null
UCD9222RGZR	null
UCD9222RGZT	null
UCD9224ERGZR	null
UCD9224RGZR	null
UCD9244RGCT	null
UCD9246RGCT	null
BQ24160RGER	null
BQ24210DQCT	null
BQ294602DRVR	null
CC2510F32RHHT	null
CC2530F256RHAT	null
DRV8850RGYT	null
MSP430G2353IRHB32R	null
OPA2313IDRGT	null
TPA6130A2RTJR	null
TPA6130A2RTJT	null
TPS25200DRVT	null
TPS40193DRCT	null
TPS51124RGER	null
TPS54326RGTT	null

TPS62095RGTT	null
TPS62150ARGTT	null
TPS65252RHDR	null
ADS1120IRVAT	null
ADS1148IRHBR	null
ADS1191IRSMR	null
ADS1292RIRSMT	null
ADS8548SRGCT	null
ADS8568SRGCT	null
ADS8638SRGER	null
ADS9120IRGET	null
AFE030AIRGZT	null
AFE032IRGZT	null
AFE4400RHAR	null
AFE4400RHAT	null
AFE4490RHAT	null
AMC7891SRHHT	null
BQ24072TRGTR	null
BQ24161BRGER	null
BQ24161BRGET	null
BQ24165RGER	null
BQ24170RGYR	null
BQ24190RGET	null
BQ24192RGER	null
BQ24196RGET	null
BQ24232RGTT	null
BQ24250RGER	null
BQ24251RGET	null
BQ24259RGER	null
BQ24262RGET	null
BQ24266RGET	null
BQ24295RGER	null
BQ24296RGET	null
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BQ24297RGET	null
BQ24610RGER	null
BQ24610RGET	null
BQ24617RGET	null
BQ24707ARGRR	null
BQ24721CRHBT	null
BQ24725ARGRR	null
BQ24773RUYT	null
BQ24780SRUYT	null
BQ25040DQCR	null
BQ25504RGTR	null
BQ27441DRZR-G1A	null
BQ27541DRZT-V200	null
BQ294700DSGT	null
BQ29700DSET	null
BQ29707DSET	null
BQ50002ARHBR	null
BQ500412RGZT	null
BQ51013BRHLR	null
BQ771612DPJT	null
BUF12840AIRGET	null
CC1101RGPT	null
CC110LRGPT	null
CC1310F128RHBR	null
CC1310F128RSMR	null
CC1310F32RHBT	null
CC1310F64RSMR	null
CC2510F16RHHR	null
CC2530F128RHAR	null
CC2533F96RHAR	null
CC2541F128RHAT	null
CC2640F128RSMR	null
CC2650F128RHBT	null
CDCLVD1208RHDR	null
CDCLVD1213RGTT	null
CDCLVD2106RHAT	null

DAC7678SRGER	null
DAC7750IRHAR	null
DRV2603RUNR	null
DRV8307RHAR	null
DRV8601DRBR	null
DRV8701ERGET	null
DRV8701PRGET	null
DRV8830DRCT	null
DRV8833CRTET	null
DRV8833RTYR	null
DRV8846RGER	null
HD3SS215IRTQT	null
HD3SS215RTQT	null
INA188IDRJR	null
INA223AIDSKT	null
INA230AIRGTR	null
INA230AIRGTT	null
INA826AIDRGR	null
LM2775DSGT	null
MSP430F5232IRGZR	null
MSP430F5255IRGCT	null
MSP430F5257IRGCR	null
MSP430F5340IRGZT	null
MSP430F5341IRGZT	null
MSP430FR5847IRHAR	null
MSP430FR5848IRHAT	null
MSP430FR5849IRHAR	null
MSP430FR5857IRHAR	null
MSP430FR5857IRHAT	null
MSP430FR5959IRHAR	null
MSP430FR5969IRGZR	null
MSP430G2433IRHB32T	null
MSP430I2041TRHBT	null
OPA2314AIDRBT	null
OPA4330AIRGYR	null
OPA4330AIRGYT	null
SN65DP159RGZT	null
SN65HVD01DRCR	null
SN65HVD75DRBR	null
SN75DP128ARTQT	null
SN75DP139RSBT	null
SN75DP159RGZT	null
SN75LVCP412RTJR	null
TAS2505IRGER	null
TAS2521IRGET	null
TCA8424RHAR	null
TCA9535RGER	null
THS3217IRGVT	null
TLC5928RGET	null
TLC5955RTQR	null
TLC5957RTQR	null
TLC5957RTQT	null
TLK105LRHBR	null
TLK106LRHBT	null
TLV62065DSGT	null
TLV62084DSGT	null
TLV62130ARGTR	null
TMS320F28035RSHT	null
TPA2006D1DRBR	null
TPA3132D2RHBT	null
TPA6203A1DRBR	null
TPA6204A1DRB	null
TPA6204A1DRBR	null
TPA6205A1DRBT	null
TPA6211A1DRB	null
TPS2002CDRCT	null
TPS2062CDRBT-2	null
TPS22953DQCR	null
TPS22965NDSGR	null
TPS22967DSGT	null

TPS22968DPUT	null
TPS22968NDPUR	null
TPS22968NDPUT	null
TPS22981RGPT	null
TPS2420RSAR	null
TPS2501DRCR	null
TPS2541ARTER	null
TPS2541RTER	null
TPS2543RTER	null
TPS2544RTET	null
TPS2554DRCT	null
TPS2556DRBR	null
TPS25810RVCR	null
TPS25810RVCT	null
TPS2590RSAT	null
TPS259241DRCT	null
TPS259260DRCR	null
TPS259270DRCR	null
TPS259271DRCT	null
TPS2592AADRCR	null
TPS2592BADRCR	null
TPS25940ARVCR	null
TPS25940ARVCT	null
TPS25942ARVCT	null
TPS25944ARVCR	null
TPS25944ARVCT	null
TPS40192DRCR	null
TPS40304DRCT	null
TPS51123ARGET	null
TPS51125RGET	null
TPS51222RTVT	null
TPS51461RGER	null
TPS51601ADRBR	null
TPS51621RHAT	null
TPS51622ARSMT	null
TPS51623RSMT	null
TPS51631ARSMR	null
TPS53313RGET	null
TPS53317ARGBT	null
TPS53625RSMR	null
TPS53661RSBT	null
TPS53819ARGTT	null
TPS54062DRBR	null
TPS54295RSAT	null
TPS54334DRCT	null
TPS54335ADRCT	null
TPS54341DPRT	null
TPS54519RTER	null
TPS54622RHLLR	null
TPS54719RTER	null
TPS55340RTER	null
TPS59641RSLT	null
TPS60231RGTR	null
TPS61081DRCR	null
TPS61230DRCT	null
TPS61232DRCT	null
TPS62134CRGTT	null
TPS62141RGTR	null
TPS62141RGTT	null
TPS62150ARGTR	null
TPS62153RGTR	null
TPS62736RGYR	null
TPS62742DSST	null
TPS62745DSSR	null
TPS65051RSMR	null
TPS65130RGER	null
TPS65185RSLT	null
TPS65217ARSLR	null
TPS65217ARSLT	null
TPS65233-1RTET	null

TPS65233RTET	null
TPS65252RHDT	null
TPS65262-1RHBR	null
TPS65266RHBR	null
TPS65270RGER	null
TPS65276VRHHT	null
TPS65279RHHT	null
TPS65283-1RGET	null
TPS65400RGZT	null
TPS65640RHRR	null
TPS65910A1RSLR	null
TPS70618DRVR	null
TPS70630DRVR	null
TPS70633DRVR	null
TPS70918DRVT	null
TPS70930DRVT	null
TPS70950DRVT	null
TPS74901DRCT	null
TPS74901RGWR	null
TPS7A3001DRBT	null
TPS7A3301RGWR	null
TPS7A3501DRVT	null
TPS7A4901DRBR	null
TPS7A4901DRBT	null
TPS7A7100RGTR	null
TPS7A7300RGWR	null
TPS7A8500RGRR	null
TRF3765IRHBR	null
TRF37A73IDSGT	null
TRF37A75IDSGT	null
TRF37C75IDSGT	null
TRF37D73IDSGT	null
TS3A227ERVAR	null
TS3DV20812RHHR	null
TS3DV642A0RUAR	null
TS3USB3031RMGR	null
TUSB8041IRGCR	null
TUSB8041IRGCT	null
UCC24610DRBT	null
UCC27201ADRCT	null
UCC27523DSDR	null
UCC27524DSDT	null
UCC27611DRVT	null
UCD7231RTJT	null
UCD90160RGCT	null
UCD9090RGZR	null
UCD9240RGCT	null
UCD9244RGCR	null
VSP5612RSHR	null
BCHW12RHH	null
BQ24311DSGR	null

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

PCN Number:	20180319003	PCN Date:	March 29 2018									
Title:	Qualification of an additional material set for select devices in the QFN package											
Customer Contact:	PCN Manager	Dept:	Quality Services									
Proposed 1st Ship Date:	June 29 2018	Estimated Sample Availability:	Provided upon Request									
Change Type:												
<input type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Assembly Process									
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Assembly Materials									
<input type="checkbox"/>	Design	<input type="checkbox"/>	Electrical Specification									
<input type="checkbox"/>		<input type="checkbox"/>	Mechanical Specification									
<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Packing/Shipping/Labeling									
<input type="checkbox"/>		<input type="checkbox"/>	Test Process									
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/>	Wafer Bump Material									
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Bump Process									
<input type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/>	Wafer Fab Materials									
<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process									
	<input type="checkbox"/>		Part number change									
PCN Details												
Description of Change:												
Texas Instruments is pleased to announce the qualification of an additional material set for the devices listed in pg 2 of this notification as follows:												
<table border="1"> <thead> <tr> <th></th> <th>Current</th> <th>Additional</th> </tr> </thead> <tbody> <tr> <td>Mount Compound</td> <td>4207768</td> <td>4207123</td> </tr> <tr> <td>Mold Compound</td> <td>4208625</td> <td>4222198</td> </tr> </tbody> </table>					Current	Additional	Mount Compound	4207768	4207123	Mold Compound	4208625	4222198
	Current	Additional										
Mount Compound	4207768	4207123										
Mold Compound	4208625	4222198										
Reason for Change:												
Continuity of Supply												
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):												
None												
Anticipated impact on Material Declaration												
<input type="checkbox"/>	No Impact to the Material Declaration	<input checked="" 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 from the TI ECO website .									
Changes to product identification resulting from this PCN:												
Not Applicable												
Product Affected												
See Page 2												



Qualification Report

Clark UniBOM 4222198 and 4207123 Enterprise Qualification

Approve Date 05-Mar-2018

Product Attributes

Attributes	Qual Device: 27541DRZR-V200	Qual Device: 430FR5969IRGZR	Qual Device: ADS1220IRVAR	Qual Device: ADS8548SRGCR
Assembly Site	CLARK AT	CLARK AT	CLARK AT	CLARK AT
Package Family	VSON	VQFN	VQFN	VQFN
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Wafer Fab Supplier	DFAB, TSMC WFT	DMOS 6	AIZU	DM055
Wafer Fab Process	LBC4-X, TSMC 0.25	HPE035	HPA07	50HPA07HF.03DR

- QBS: Qual By Similarity
- Qual and QBS Devices qualified at LEVEL2-260CG: 27541DRZR-V200, ADS1220IRVAR
- Qual Devices qualified at LEVEL3-260CG: ADS8548SRGCR, 430FR5969IRGZR
- Device 27541DRZR-V200 contains multiple dies.

Attributes	Qual Device: CC2541F256RHAR	Qual Device: DRV10866DSCR	Qual Device: RGC-DC	Qual Device: S320F28030RSHT
Assembly Site	CLARK AT	CLARK AT	CLARK AT	CLARK-AT
Package Family	VQFN	WSON	VQFN	VQFN
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Wafer Fab Supplier	TSMC WFT	RFAB	-	DM055
Wafer Fab Process	0.18-DP5M-FLASH	LBC7	-	18F05.25L

- QBS: Qual By Similarity
- Qual and QBS Devices qualified at LEVEL2-260CG: DRV10866DSCR
- Qual Devices qualified at LEVEL3-260CG: RGC-DC, CC2541F256RHAR, S320F28030RSHT

Attributes	Qual Device: TPS63000DRCR	Qual Device: TPS65631WDSKR	QBS Package Reference: TPS7A4701QRGWRQ1	QBS Package Reference: TRS3122ERGER
Assembly Site	CLARK-AT	CLARK AT	CLARK AT	CHENGDU A/T
Package Family	VSON	WSON	QFN, 5 x 5 MM	VQFN
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Wafer Fab Supplier	MIHO 8	RFAB	FREISING (FFAB)	RFAB
Wafer Fab Process	LBC7	LBC7X	BICOM3-HV	LBC7

- QBS: Qual By Similarity
- Qual Device qualified at LEVEL1-260CG: TPS65631WDSKR
- Qual and QBS Devices qualified at LEVEL2-260CG: TPS63000DRCR, TPS7A4701QRGWRQ1, TRS3122ERGER

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

Type	Test Name / Condition	Duration	Qual Device: 27541DRZR-V200	Qual Device: 430FR5969IRGZR	Qual Device: ADS1220IRVAR	Qual Device: AD8548SRGCR
AC	Autoclave 121C	96 Hours	3/231/0	3/231/0	3/231/0	3/231/0
BLR	Board Level Reliability, Temp Cycle, -40/125C	1000 Cycles	-	-	-	-
ED	Electrical Distributions	Cpk>1.67 Room, Hot, & Cold	-	-	-	-
ED	Electrical Characterization	Per Datasheet Parameters	-	-	-	-
FLAM	Flammability (IEC 695-2-2)	--	-	-	-	-
FLAM	Flammability (UL 94V-0)	--	-	-	-	-
FLAM	Flammability (UL-1694)	--	-	-	-	-
HAST	Biased HAST, 130C/85%RH	96 Hours	-	3/231/0	-	-
HBM	ESD - HBM	1000 V	-	-	-	-
CDM	ESD - CDM	250 V	-	3/9/0	-	-
HTOL	Life Test, 125C	1000 Hours	-	-	-	-
HTOL	Life Test, 150C	300 Hours	-	-	-	-
HTSL	High Temp. Storage Bake, 150C	1000 Hours	-	3/229/0	-	-
HTSL	High Temp. Storage Bake, 170C	420 Hours	-	-	3/231/0	-
LU	Latch-up	(per JESD78)	-	-	-	-
PD	Physical Dimensions	--	3/15/0	3/15/0	3/15/0	3/15/0
PTC	Power Temperature Cycle, -40/125C	1000 Cycles	-	-	-	-
SD	Surface Mount Solderability	8 Hours Steam Age, Pb-Free	-	-	-	-
SD	Surface Mount Solderability	Pb	-	-	-	-
TC	Temperature Cycle, -55/125C	700 Cycles	-	-	-	-
TC	Temperature Cycle, -65/150C	500 Cycles	3/231/0	3/231/0	3/231/0	3/231/0
THB	Biased Temperature and Humidity, 85C/85%RH	1000 Hours	-	-	-	-
UHAST	Unbiased HAST, 110C/85%RH	264 Hours	-	-	-	-
UHAST	Unbiased HAST, 130C/85%RH	96 Hours	-	-	-	-
VM	Visual / Mechanical	(per mfg. Site specification)	3/984/0	3/984/0	3/984/0	3/984/0
WBP	Bond Pull	Wires	3/228/0	3/228/0	-	-
WBS	Ball Bond Shear	Wires	3/228/0	3/228/0	-	-

- 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

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

Type	Test Name / Condition	Duration	Qual Device: CC2541F256RHAR	Qual Device: DRV10866DSCR	Qual Device: RGC-DC	Qual Device: S320F28030RSHHT
AC	Autoclave 121C	96 Hours	-	3/231/0	-	3/231/0
BLR	Board Level Reliability, Temp Cycle, -40/125C	1000 Cycles	-	-	1/32/0	-
ED	Electrical Distributions	Cpk>1.67 Room, Hot, & Cold	-	-	-	-
ED	Electrical Characterization	Per Datasheet Parameters	-	-	-	-
FLAM	Flammability (IEC 695-2-2)	--	-	-	-	-
FLAM	Flammability (UL 94V-0)	--	-	-	-	-
FLAM	Flammability (UL-1694)	--	-	-	-	-
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	-	-
HBM	ESD - HBM	1000 V	-	-	-	-
CDM	ESD - CDM	250 V	-	-	-	-
HTOL	Life Test, 125C	1000 Hours	-	-	-	-
HTOL	Life Test, 150C	300 Hours	-	-	-	-
HTSL	High Temp. Storage Bake, 150C	1000 Hours	3/231/0	-	-	3/230/0
HTSL	High Temp. Storage Bake, 170C	420 Hours	-	-	-	-
LU	Latch-up	(per JESD78)	-	-	-	-
PD	Physical Dimensions	--	3/15/0	3/15/0	-	3/15/0
PTC	Power Temperature Cycle, -40/125C	1000 Cycles	-	-	-	-
SD	Surface Mount Solderability	8 Hours Steam Age, Pb-Free	-	-	-	3/66/0
SD	Surface Mount Solderability	Pb	-	-	-	-
TC	Temperature Cycle, -55/125C	700 Cycles	3/230/0	-	-	-
TC	Temperature Cycle, -65/150C	500 Cycles	-	3/231/0	-	3/231/0
THB	Biased Temperature and Humidity, 85C/85%RH	1000 Hours	-	-	-	3/219/0
UHAST	Unbiased HAST, 110C/85%RH	264 Hours	3/231/0	-	-	-
UHAST	Unbiased HAST, 130C/85%RH	96 Hours	-	3/231/0	-	-
VM	Visual / Mechanical	(per mfg. Site specification)	3/984/0	3/984/0	-	3/984/0
WBP	Bond Pull	Wires	-	3/228/0	-	3/228/0
WBS	Ball Bond Shear	Wires	-	3/228/0	-	3/228/0

- 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

Qualification Results

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

Type	Test Name / Condition	Duration	Qual Device: TPS63000DRCCR	Qual Device: TPS65631WDSKR	QBS Package Reference: TPS7A4701QRGWRQ1	QBS Package Reference: TRS3122ERGER
AC	Autoclave 121C	96 Hours	3/231/0	3/231/0	3/231/0	3/231/0
BLR	Board Level Reliability, Temp Cycle, -40/125C	1000 Cycles	-	-	1/32/0	-
ED	Electrical Distributions	Cpk>1.67 Room, Hot, & Cold	-	-	3/90/0	-
ED	Electrical Characterization	Per Datasheet Parameters	-	-	-	1/30/0
FLAM	Flammability (IEC 695-2-2)	--	-	-	-	3/15/0
FLAM	Flammability (UL 94V-0)	--	-	-	-	3/15/0
FLAM	Flammability (UL-1694)	--	-	-	-	3/15/0
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	3/231/0	3/231/0
HBM	ESD - HBM	1000 V	-	-	1/3/0	-
CDM	ESD - CDM	250 V	-	-	1/3/0	-
HTOL	Life Test, 125C	1000 Hours	-	-	3/231/0	-
HTOL	Life Test, 150C	300 Hours	-	-	-	1/77/0
HTSL	High Temp. Storage Bake, 150C	1000 Hours	-	-	1/45/0	3/231/0
HTSL	High Temp. Storage Bake, 170C	420 Hours	-	3/230/0	-	-
LU	Latch-up	(per JEESD78)	-	-	1/12/0	1/6/0
PD	Physical Dimensions	--	3/15/0	3/15/0	3/30/0	3/30/0
PTC	Power Temperature Cycle, -40/125C	1000 Cycles	-	-	1/50/0	-
SD	Surface Mount Solderability	8 Hours Steam Age, Pb-Free	3/66/0	-	1/15/0	1/22/0
SD	Surface Mount Solderability	Pb	-	-	1/15/0	-
TC	Temperature Cycle, -55/125C	700 Cycles	-	-	-	-
TC	Temperature Cycle, -65/150C	500 Cycles	3/231/0	3/225/0	3/231/0	3/231/0
THB	Biased Temperature and Humidity, 85C/85%RH	1000 Hours	-	-	-	-
UHAST	Unbiased HAST, 110C/85%RH	264 Hours	-	-	-	-
UHAST	Unbiased HAST, 130C/85%RH	96 Hours	-	-	-	-
VM	Visual / Mechanical	(per mfg. Site specification)	3/984/0	3/984/0	-	3/984/0
WBP	Bond Pull	Wires	3/228/0	3/228/0	3/90/0	3/228/0
WBS	Ball Bond Shear	Wires	3/228/0	3/228/0	3/90/0	3/228/0

- 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 JEESD47 : -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:

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
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