



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20240319000.1
Qualify New Assembly Material set for Selected Device(s)
Change Notification / Sample Request
(Re-issue to update PCN issue date)

Date: March 25, 2024
To: PREMIER FARNELL 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.

Texas Instruments requires acknowledgement of receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance and approval of this change. If samples or additional data are required, requests must be received within **30 days** of this notification.

The changes discussed within this PCN will not take effect any earlier than the proposed first ship date 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 or to provide acknowledgement of this PCN, you may contact your local Field Sales Representative or the change management team.

For sample requests or sample related questions, contact your local Field Sales Representative.

Sincerely,

Change Management Team
SC Business Services

20240319000.1
Attachment: 1

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TPS74801DRCR	NULL

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

PCN Number:	20240319000.1			PCN Date:	March 25, 2024																																
Title:	Qualify New Assembly Material set for Selected Device(s)																																				
Customer Contact:	Change Management team		Dept:	Quality Services																																	
Proposed 1st Ship Date:	June 23, 2024		Sample requests accepted until:	April 24, 2024*																																	
*Sample requests received after April 24, 2024 will not be supported.																																					
Change Type:																																					
☐	Assembly Site	☐	Design	☐	Wafer Bump Material																																
☐	Assembly Process	☐	Data Sheet	☐	Wafer Bump Process																																
☒	Assembly Materials	☐	Part number change	☐	Wafer Fab Site																																
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Material																																
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Process																																
PCN Details																																					
Description of Change:																																					
Texas Instruments is pleased to announce the qualification of new assembly material for devices listed in "Product affected" section below. Devices will remain in current assembly facility and piece part changes as follows:																																					
<table border="1"> <thead> <tr> <th>Material</th> <th>Current</th> <th>Proposed</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>						Material	Current	Proposed	Mount compound	4207768	4207123	Mold compound	4208625	4222198																							
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Reason for Change:																																					
Continuity of Supply																																					
Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):																																					
None																																					
Impact on Environmental Ratings																																					
Checked boxes indicate the status of environmental ratings following implementation of this change. If below boxes are checked, there are no changes to the associated environmental ratings.																																					
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Changes to product identification resulting from this PCN:																																					
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Product Affected:																																					
<table border="1"> <tbody> <tr> <td>BQ24075TRGTR</td> <td>SN553401RTER</td> <td>TPS54335ADRCR</td> <td>TPS70933DRVR</td> </tr> <tr> <td>BQ24232HRGTR</td> <td>TPD6S300ARUKR</td> <td>TPS54622ARHLR</td> <td>TPS70950DRVR</td> </tr> <tr> <td>BQ294512DRVR</td> <td>TPS2553DRVR</td> <td>TPS61045DRBR</td> <td>TPS72015DRVR</td> </tr> <tr> <td>BQ294522DRVR</td> <td>TPS2557DRBR</td> <td>TPS62130ARGTR-S</td> <td>TPS74701DRCR</td> </tr> <tr> <td>BQ40Z651RSMR</td> <td>TPS25940LRVCR</td> <td>TPS62130BRGTR-S</td> <td>TPS74801DRCR</td> </tr> <tr> <td>CD3211A1RGPR</td> <td>TPS51200DRCR-S</td> <td>TPS62510DRCR</td> <td></td> </tr> <tr> <td>INA300AIDSQR</td> <td>TPS51916ARUKR</td> <td>TPS70918DRVR</td> <td></td> </tr> <tr> <td>MSP430V256IRSAR</td> <td>TPS51980ARTVR</td> <td>TPS70930DRVR</td> <td></td> </tr> </tbody> </table>						BQ24075TRGTR	SN553401RTER	TPS54335ADRCR	TPS70933DRVR	BQ24232HRGTR	TPD6S300ARUKR	TPS54622ARHLR	TPS70950DRVR	BQ294512DRVR	TPS2553DRVR	TPS61045DRBR	TPS72015DRVR	BQ294522DRVR	TPS2557DRBR	TPS62130ARGTR-S	TPS74701DRCR	BQ40Z651RSMR	TPS25940LRVCR	TPS62130BRGTR-S	TPS74801DRCR	CD3211A1RGPR	TPS51200DRCR-S	TPS62510DRCR		INA300AIDSQR	TPS51916ARUKR	TPS70918DRVR		MSP430V256IRSAR	TPS51980ARTVR	TPS70930DRVR	
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Qualification Report

Approve Date 05-Mar-2018

Product Attributes

Attributes	Qual Device: 7264101D2Z-V200	Qual Device: 42NF6666R6R0RZ	Qual Device: AD12226R0AB	Qual Device: AD186416R0C0R	Qual Device: CC25417268R0AB	Qual Device: RDV19380R01R	Qual Device: R0C-DC	Qual Device: R322P2200R01R	Qual Device: R318000D0C0R	Qual Device: 726811W010R	GS Package Reference: TP21474210RQWR1	GS Package Reference: TP21122E0R0
Assembly Site	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CLARK AT	CHENGDU AT
Package Family	VQFN	VQFN	VQFN	VQFN	VQFN	WSON	VQFN	VQFN	VQFN	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	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Water Proof Supplier	DFAB, TSMC WFT	DMOS E	AJZO	DMOS E	TSMC WFT	RFAB	-	DMOS E	M/HO E	RFAB	FREISING (FFAB)	RFAB

- QBS: Qual By Similarity
- Qual Device qualified at LEVEL1-260CG: TPS65631WDSKR
- Qual and QBS Devices qualified at LEVEL2-260CG: 27541DRZR-V200, ,DRV10866DSCR, TPS63000DRCR, ADS1220IRVAR, TPS7A4701QRGWRQ1, TRS3122ERGER
- Qual Devices qualified at LEVEL3-260CG: ADS8548SRGCR, , RGC-DC, CC2541F256RHAR ,S320F28030RSHT, 430FR5969IRGZR
- Device 27541DRZR-V200 contains multiple dies

Qualification Results

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

[illegible]

- 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

For questions regarding this notice, e-mails can be sent to Change Management team or your local Field Sales Representative.

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