



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

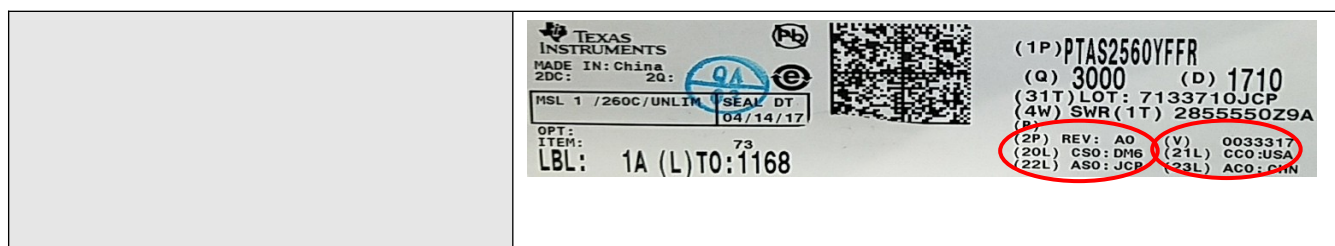
PCN Number:	20260909000.1	PCN Issued	September 10, 2026
Qualification of TI CDAT as an additional Assembly site for select devices		Sample request deadline:	November 09, 2026
		Estimated 1st ship date:	December 09, 2026
Sample requests received after November 09, 2026 will not be supported.			

Change type(s)
Assembly Site
Packing/Shipping/Labeling

PCN Details

Description of Change:		
Texas Instruments is pleased to announce the qualification of TI CDAT as an additional Assembly site for selected devices listed in the product affected section. No material differences between sites.		
	Current site	Additional site
Assembly site	CLARK	CDAT
Qual details are provided in the Qual Data Section.		
Reason for Change:	Continuity of supply	

Anticipated impact on Form, Fit, Function, Quality or Reliability:	Request the Supporting Data Packet (SDP) for more details on the changes.												
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. <table><tr><td>RoHS</td><td>REACH</td><td>Green Status</td><td>IEC 62474</td></tr><tr><td>☒ No Change</td><td>☒ No Change</td><td>☒ No Change</td><td>☒ No Change</td></tr></table>	RoHS	REACH	Green Status	IEC 62474	☒ No Change	☒ No Change	☒ No Change	☒ No Change				
RoHS	REACH	Green Status	IEC 62474										
☒ No Change	☒ No Change	☒ No Change	☒ No Change										
Changes to product identification resulting from this PCN:	Assembly Site Information <table><tr><td>Assembly Site</td><td>Assembly Site Origin (22L)</td><td>Assembly Country Code (23L)</td><td>Assembly City</td></tr><tr><td>TI CLARK</td><td>QAB</td><td>PHL</td><td>Angeles city, Pampanga</td></tr><tr><td>TI CDAT</td><td>CDA</td><td>CHN</td><td>Chengdu</td></tr></table> Sample product shipping label (not actual product label):	Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City	TI CLARK	QAB	PHL	Angeles city, Pampanga	TI CDAT	CDA	CHN	Chengdu
Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City										
TI CLARK	QAB	PHL	Angeles city, Pampanga										
TI CDAT	CDA	CHN	Chengdu										



Products Affected:

SN1905071RNRR	TPS543820MRPYR	TPS621361RGXR
SN2201011RPSR	TPS54424RNVR	TPS621361RGXT
SN2201012RPSR	TPS54824RNVR	TPS62136RGXR
SN51371RJNR	TPS54824RNV	TPS62136RGXT
SN56537RPAR	TPS566335RJNR	TPS62480RNCR
SN56C215RNNR	TPS568215OARNNR	TPS62480RNCT
SN61838SZRNSR	TPS568215RNNR	TPS62822DLCR
TAS2770RJQR	TPS61089RNRR	TPS62823DLCR
TPS2121RUXR	TPS61178RNWR	TPS62840DLCR
TPS2121RUXR.A	TPS61178RNWT	TPS62841DLCR
TPS2121RUXT	TPS61235PRWLR	TPS630250RNCR
TPS22993RLWR	TPS61371VARR	TPS63050RMWR
TPS51371RJNR	TPS62086RLTR	TPS63051RMWR
TPS51372RJNR	TPS6209718RWKR	TPS63051RMWT
TPS51373RJNR	TPS62097RWKR	TPS630701RNMR
TPS543320MRPYR	TPS621351RGXR	TPS630702RNMT
TPS543620MRPYR	TPS62135RGXT	TPS63802DLAR

Qualification Report

TPS25990 New product Qual

Approve Date 05-May-2023

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: TPS25990ARQPR	QBS Package Reference: TPS259850RQPR	QBS Process Reference: PTPS65992SA0CRSMR
HAST	A2	Biased HAST	110C/85%RH	264 Hours	-	-	1/77/0
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	3/231/0	-
UHAST	A3	Autoclave	121C/15psig	96 Hours	-	3/231/0	1/77/0
TC	A4	Temperature Cycle	-55C/125C	700 Cycles	1/77/0	3/231/0	-
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	-	-	1/77/0
HTSL	A6	High Temperature Storage Life	150C	1000 Hours	1/77/0	3/231/0	-
HTSL	A6	High Temperature Storage Life	170C	420 Hours	-	-	1/77/0
HTOL	B1	Life Test	125C	1000 Hours	-	3/231/0	3/231/0
HTOL	B1	Life Test	150C	300 Hours	1/77/0	-	-
ELFR	B2	Early Life Failure Rate	125C	48 Hours	-	-	3/2400/0
ESD	E2	ESD CDM	-	1500 Volts	1/3/0	-	1/3/0
ESD	E2	ESD HBM	-	1000 Volts	1/3/0	1/3/0	-
ESD	E2	ESD HBM	-	3000 Volts	1/3/0	1/3/0	-
LU	E4	Latch-Up	Per JESD78	-	1/3/0	1/3/0	1/3/0

CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	1/30/0	3/90/0	-
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QBS: Qual By Similarity

Qual Device TPS25990ARQPR is qualified at MSL2 260C

Qual Device TPS25990ARQPR is qualified at MSL2 260C

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/>

TI Qualification ID: R-NPD-2109-014

Qualification Report

Approve Date 07-AUGUST -2024

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: TPS22991CRAAR	Qual Device: TPS22991BRAAR	Qual Device: TPS22991CRAAR	Qual Device: TPS22991BRAAR	QBS Process Reference: TPS62A01DRLR
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	3/231/0	-	-	3/231/0
UHAST	A3	Autoclave	121C/15psig	96 Hours	-	3/231/0	-	-	-
UHAST	A3	Unbiased HAST	130C/85%RH	96 Hours	-	-	-	-	3/231/0
TC	A4	Temperature Cycle	-55C/125C	700 Cycles	-	3/231/0	-	3/231/0	-
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	-	-	-	-	3/231/0
HTSL	A6	High Temperature Storage Life	150C	1000 Hours	-	3/231/0	-	-	3/231/0
HTOL	B1	Life Test	-40C	300 Hours	-	-	-	-	1/77/0
HTOL	B1	Life Test	150C	300 Hours	-	3/231/0	-	-	3/231/0
ELFR	B2	Early Life Failure Rate	150C	24 Hours	-	-	-	-	3/2400/0
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes); PB-Free Solder;	-	-	1/22/0	-	-	-
ESD	E2	ESD CDM	-	250 Volts	-	1/3/0	-	-	1/3/0
ESD	E2	ESD HBM	-	1000 Volts	-	1/3/0	-	-	1/3/0
LU	E4	Latch-Up	Per JESD78	-	-	1/3/0	-	-	1/3/3 ¹²
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	-	1/30/0	-	-	3/90/0
FTY	E6	Final Test Yield	-	-	-	-	1/1/0	1/1/0	-

QBS: Qual By Similarity, also known as Generic Data

Qual Device TPS22991CRAAR is qualified at MSL1 260C

Qual Device TPS22991BRAAR is qualified at MSL1 260C

Qual Device TPS22991CRAAR is qualified at MSL1 260C

Qual Device TPS22991BRAAR is qualified at MSL1 260C

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/>

TI Qualification ID: R-NPD-2303-118

[1]-PG and EN pins are failing hard with p2p leakage

[2]-PG and EN pins are failing hard with p2p leakage

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

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

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