



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

**PCN#20240306006.1**  
**Qualification of TI CDAT as an additional Assembly site for select devices**  
**Change Notification / Sample Request**

**Date:** March 07, 2024  
**To:** MOUSER 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

**20240306006.1**  
**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.

<b>DEVICE</b>	<b>CUSTOMER PART NUMBER</b>
TPS54J060RPGR	NULL
TPS54J061RPGR	NULL

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

<b>PCN Number:</b>	20240306006.1		<b>PCN Date:</b>	March 07, 2024
<b>Title:</b>	Qualification of TI CDAT as an alternate Assembly site for select devices			
<b>Customer Contact:</b>	Change Management team	<b>Dept:</b>	Quality Services	
<b>Proposed 1<sup>st</sup> Ship Date:</b>	June 05, 2024	<b>Sample Requests accepted until:</b>	April 06, 2024*	
April 06, 2024 will not be supported.				
<b>Change Type:</b>				
<input checked="" type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>
<b>PCN Details</b>				
<b>Description of Change:</b>				
Texas Instruments Incorporated is announcing the qualification of TI CDAT as an additional Assembly site for set of devices listed below. Construction differences are as follows:				
	<b>TI Clark</b>		<b>TI CDAT</b>	
	Mold Compound	4222790	4222198	
	Lead finish	NiPdAu	Matte Sn	
<b>Reason for Change:</b>				
Supply continuity				
<b>Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):</b>				
None				
<b>Impact on Environmental Ratings</b>				
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.				
<b>RoHS</b>	<b>REACH</b>	<b>Green Status</b>	<b>IEC 62474</b>	
<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	
<b>Changes to product identification resulting from this PCN:</b>				
<b>Assembly Site</b>	<b>Assembly Site Origin (22L)</b>	<b>Assembly Country Code (23L)</b>	<b>Assembly City</b>	
TI Clark	QAB	PHL	Angeles City, Pampanga	
TI CDAT	CDA	CHN	Chengdu	
Sample product shipping label (not actual product label)				
 <p> <b>TEXAS INSTRUMENTS</b>  MADE IN: Malaysia  2DC: 2Q:  MSL 2 /260C/1 YEAR SEAL DT  MSL 1 /235C/UNLIM 03/29/04  OPT:  ITEM: 39  <b>LBL: 5A (L)T0:1750</b>  <b>G4</b>  (1P) SN74LS07NSR  (Q) 2000 (D) 0336  (31T) LOT: 3959047MLA  (4W) TKY(1T) 7523483SI2  (P)  (2P) REV: (V) 0033317  (20L) CSO: SHE (21L) CCO:USA  (22L) ASO: MLA (23L) ACO: MYS </p>				
<b>Product Affected:</b>				
TPS54J060RPGR		TPS54J061RPGR		

## Qualification Report

Approve Date 29-February-2024

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

Type	#	Test Name	Condition	Duration	Qual Device:	Qual Device:	QBS Product Reference:	QBS Process Reference:	QBS Process and Package Reference:	QBS Package Reference:
					TPS54J060RPGR	TPS54J061RPGR	TPS54J060RPGR	TPS54JB00RWWR	TPS54JB20RWWR	TPS53820RWZR
HAST	A2	Biased HAST	110C/85%RH	264 Hours	-	-	1/77/0	3/231/0	-	-
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	-	-	3/231/0
UHA	A3	Autoclave	121C/15psig	96 Hours	-	-	1/77/0	1/77/0	-	3/231/0
TC	A4	Temperature Cycle	-55C/125C	700 Cycles	-	-	1/77/0	3/231/0	1/77/0	3/231/0
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	-	-	1/77/0	-	-	-
HTSL	A6	High Temperature Storage Life	170C	420 Hours	-	-	-	3/231/0	-	-
HTOL	B1	Life Test	150C	300 Hours	-	-	1/77/0	3/231/0	1/77/0	-
ESD	E2	ESD CDM	-	1500 Volts	-	-	-	-	-	-
ESD	E2	ESD HBM	-	4000 Volts	-	-	-	-	-	-
LU	E4	Latch-Up	Per JESD78	-	-	-	1/6/0	1/6/0	1/3/0	-
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	-	-	1/30/0	1/30/0	-	-
FTY	E6	Final Test Yield	-	-	1/1/0	1/1/0	1/1/0	1/1/0	-	-

QBS: Qual By Similarity

Qual Device TPS54J060RPGR is qualified at MSL2 260C

Qual Device TPS54J061RPGR 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/>

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

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