



**12500 TI Boulevard, MS 8640, Dallas, Texas 75243**

**PCN#20220816000.1**

**Qualification of CDAT as an alternate Assembly site for the TPS63070RNMR/T  
Change Notification / Sample Request**

**Date:** August 16, 2022

**To:** TOKYO ELECTRON DEVICE (DSTR) 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 of the change. If additional data is 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 PCN Team ([PCN\\_ww\\_admin\\_team@list.ti.com](mailto:PCN_ww_admin_team@list.ti.com)). For sample requests or sample related questions, contact your local Field Sales Representative.

Sincerely,

PCN Team  
SC Business Services

**20220816000.1**  
**Attachment: 1**




**Products Affected:**

The devices listed on this page are a subset of the complete list of affected devices. According to our records, 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
TPS63070RNMR	null
TPS63070RNMT	null

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

<b>PCN Number:</b>	20220816000.1			<b>PCN Date:</b>	August 16, 2022
<b>Title:</b>	Qualification of CDAT as an alternate Assembly site for the TPS63070RNMR/T				
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services		
<b>Proposed 1<sup>st</sup> Ship Date:</b>	Nov 14, 2022	<b>Sample Requests accepted until:</b>	Sept 16, 2022*		
<b>*Sample requests received after Sept 16, 2022 will not be supported.</b>					
<b>Change Type:</b>					
<input checked="" type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design	<input type="checkbox"/>	Wafer Bump Site
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet	<input type="checkbox"/>	Wafer Bump Material
<input checked="" type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process	<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>		<input type="checkbox"/>	Wafer Fab Process
<b>PCN Details</b>					
<b>Description of Change:</b>					
Texas Instruments Incorporated is announcing the qualification of CDAT as an additional Assembly site for the TPS63070RNMR/T. Construction differences are as follows:					
		<b>TI Clark</b>	<b>TI Chengdu</b>		
Mount Compound		4222790	4223495		
<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	Baguio City		
<b>CDAT</b>	<b>CDA</b>	<b>CHN</b>	<b>Chengdu</b>		
Sample product shipping label (not actual product label)					

 <b>MADE IN: Malaysia</b> <b>2DC: 29</b>		 <b>G4</b>		<b>(1P) SN74LS07NSR</b> <b>(Q) 2000 (D) 0336</b> <b>(31T) LOT: 3959047MLA</b> <b>(4W) TKY (1T) 7523483SI2</b> <b>(P)</b> <b>(2P) REV: (V) 0033317</b> <b>(20L) CS0: SHE (21L) CC0:USA</b> <b>(22L) AS0: MLA (23L) ACO: MYS</b>
<b>MSL '2 /260C/1 YEAR</b> <b>MSL 1 /235C/UNLIM</b>	<b>SEAL DT</b> <b>03/29/04</b>			
<b>OPT:</b> <b>ITEM:</b> 39 <b>LBL: 5A (L)T0:1750</b>				

<b>Product Affected:</b>		
TPS63070RNMR	TPS63070RNMT	



**TI Information**  
**Selective Disclosure**

#### Qualification Results

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

Type	Test Name / Condition	Duration	Qual Device: TPS63070RNMR	QBS Product Reference: TPS63070RNMR	QBS Process Reference: TPIC2020RTQ	QBS Package Reference: TPS543620RPY
ED	Electrical Characterization	Per Datasheet Parameters	Pass	Pass	-	Pass
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	1/77/0	3/231/0
UHAST	Unbiased HAST 130C/85%RH	96 Hours	-	-	-	3/231/0
HBM	ESD - HBM	2500 V	-	1/3/0	-	1/3/0
CDM	ESD - CDM	500 V	1/3/0	1/3/0	-	1/3/0
LU	Latch-up	(per JESD78)	-	1/6/0	3/18/0	1/6/0
HTOL	Life Test, 125C	1000 Hours	-	-	3/231/0	1/77/0
HTSL	High Temp. Storage Bake, 150C	1000 Hours	-	-	1/77/0	1/77/0
TC	Temperature Cycle - 65C/150C	500 Cycles	-	-	3/231/0	1/77/0
TC	Temperature Cycle, - 55/125C	700 Cycles	1/77/0	1/77/0	-	2/154/0
PD	Physical Dimensions	--	1/30/0	-	-	-

- QBS: Qual By Similarity  
- Qual Devices qualified at LEVEL1-260C: TPS63070RNMR  
- 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: 20210201-138427

For questions regarding this notice, e-mails can be sent to the contacts shown below or your local Field Sales Representative.

Location	E-Mail
WW Change Management Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

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