




<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"/>	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
<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)					



MADE IN: Malaysia  
2DC: 29:

MSL 2 / 260C/1 YEAR	SEAL DT
MSL 1 / 235C/UNLIM	03/29/04

OPT:  
ITEM: 39  
LBL: 5A (L)T0:1750

(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

**Product Affected:**

TPS63070RNMR	TPS63070RNMT
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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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