




PCN Number:	20220328000.1		PCN Date:	March 28, 2022				
Title:	Qualification of CDAT as an alternate Assembly site for the TLV62585RWT/R							
Customer Contact:	PCN Manager	Dept:	Quality Services					
Proposed 1st Ship Date:	Jun 26, 2022	Estimated Sample Availability:	Date provided at sample request					
Change Type:								
<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 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			
PCN Details								
Description of Change:								
Texas Instruments Incorporated is announcing the qualification of CDAT as an additional Assembly site for the TLV62585RWT/R. There are no Construction differences between the 2 sites.								
Reason for Change:								
Supply continuity								
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.								
RoHS		REACH		Green Status	IEC 62474			
<input checked="" type="checkbox"/> No Change		<input checked="" type="checkbox"/> No Change		<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change			
Changes to product identification resulting from this PCN:								
Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City					
TI Clark	QAB	PHL	Angeles City, Pampanga					
CDAT	CDA	CHN	Chengdu					
Sample product shipping label (not actual product label)								
   <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>MADE IN: Malaysia 2DC: 20:</p> <table border="1"> <tr> <td>MSL '2 /260C/1 YEAR</td> <td>SEAL DT</td> </tr> <tr> <td>MSL 1 /235C/UNLIM</td> <td>03/29/04</td> </tr> </table> <p>OPT: ITEM: 39 LBL: 5A (L)T0:1750</p> </div> <div style="width: 65%;"> <p>(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> </div> </div>					MSL '2 /260C/1 YEAR	SEAL DT	MSL 1 /235C/UNLIM	03/29/04
MSL '2 /260C/1 YEAR	SEAL DT							
MSL 1 /235C/UNLIM	03/29/04							
Product Affected:								

TLV62585RWTR	TLV62585RWTT
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TI Information
Selective Disclosure

Change Qualification Report: TLV62585RWT
Addition of CDAT as 2nd source assembly site
Approve Date 19-Jul-2021

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

Type	Test Name / Condition	Duration	Change Qualification	Original Product Qualification: CLARK-AT	CDAT			CLARK-AT
			CDAT TLV62585RWT	QBS Product Reference: TLV62585RWT	QBS Package Reference: TPS53831RWZR	QBS Package Reference: TPS543620RPYR	QBS Package Reference: TPS62085RLTR	QBS Package Reference: TPS62903RPJR
AC	Autoclave 121C	121C (96 Hours)	QBS	3/231/0	3/231/0	-	3/231/0	-
CDM	ESD - CDM	1500V	QBS	1/3/0	-	-	-	-
HAST	Biased HAST	130C/85% RH, 96 Hours	QBS	3/231/0	2/154/0	-	3/231/0	-
HBM	ESD - HBM	1000V	QBS	1/3/0	-	-	-	-
HTOL	Life Test, 150C	150C (300 Hours)	QBS	3/231/0	-	-	-	-
HTSL	High Temp Storage Bake 150C	1000 Hours	QBS	-	-	-	3/231/0	-
HTSL	High Temp Storage Bake 170C	170C (420 Hours)		3/231/0	3/231/0	3/231/0	-	-
LU	Latch-up	(Per JESD78)	QBS	1/6/0	-	-	-	-
MQ	Manufacturability	TI internal specifications	Pass	Pass	Pass	Pass	Pass	-
SD	Solderability	Pb Free	QBS	QBS	3/66/0	3/66/0	3/66/0	3/66/0
TC	Temperature Cycle	55C/+125C, 700 Cycles	QBS	3/231/0	3/231/0	3/231/0	3/231/0	-
UHAST	Unbiased HAST 130C/85%RH	96 Hours	QBS	-	-	3/231/0	-	-

- QBS: Qual By Similarity
- 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: 20210705-140833

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	PCN_ww_admin_team@list.ti.com

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