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

PCN#20230412000.1
Qualification of CDAT as an additional Assembly site for Select Devices
Change Notification / Sample Request

Date: April 12, 2023
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). For sample requests or sample related questions, contact your local Field Sales Representative.

Sincerely,

PCN Team
SC Business Services

20230412000.1
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 twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
TPS61240DRVT	null

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

PCN Number:	20230412000.1	**PCN Date:**	April 12, 2023
Title:	Qualification of CDAT as an alternate Assembly site for select devices		
Customer Contact:	PCN Manager	**Dept:**	Quality Services
Proposed 1st Ship Date:	Jul 11, 2023	**Sample Requests accepted until:**	May 12, 2023*

***Sample requests received after May 12, 2023 will not be supported.**

Change Type:

☒ Assembly Site	☐ Design	☐ Wafer Bump Site
☒ Assembly Process	☐ Data Sheet	☐ Wafer Bump Material
☒ Assembly Materials	☐ Part number change	☐ Wafer Bump Process
☐ Mechanical Specification	☐ Test Site	☐ Wafer Fab Site
☐ Packing/Shipping/Labeling	☐ Test Process	☐ Wafer Fab Materials
		☐ Wafer Fab Process

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing the qualification of CDAT as an additional Assembly site for set of devices listed below. Construction differences are as follows:

	UTL1	CDAT
Mold Compound	SID#CZ0141	4222198
Mount Compound	SID#PZ0031	4207123
Bond wire composition, diameter	Au, 1.3 mil	Cu, 1.0 mil

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
☒ No Change	☒ No Change	☒ No Change	☒ No Change

Changes to product identification resulting from this PCN:

Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City
UTL1	NSE	THA	Bangkok
CDAT	**CDA**	**CHN**	**Chengdu**

Sample product shipping label (not actual product label)

TEXAS INSTRUMENTS
MADE IN: Malaysia
2DC: 2Q:

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

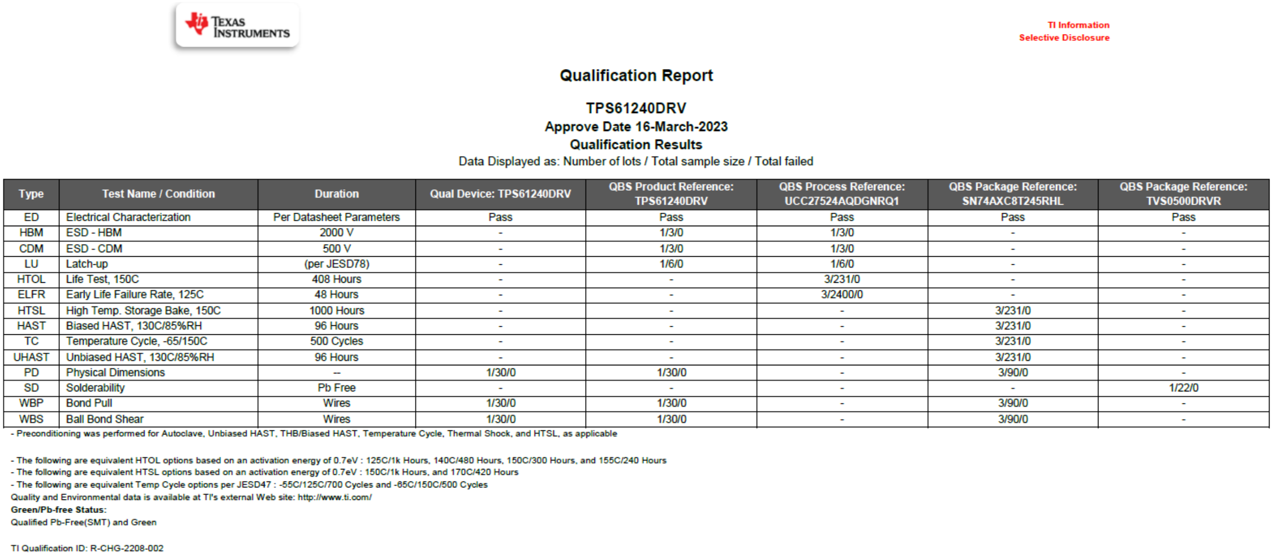
OPT:
ITEM: 39
LBL: 5A (L)T0:1750

G4

(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:

TPS61240DRVR	TPS61240DRVT



TI Information
Selective Disclosure

Qualification Report

TPS61240DRV
Approve Date 16-March-2023
Qualification Results
Data Displayed as: Number of lots / Total sample size / Total failed

Type	Test Name / Condition	Duration	Qual Device: TPS61240DRV	QBS Product Reference: TPS61240DRV	QBS Process Reference: UCC27524AQDGNRQ1	QBS Package Reference: SN74AXC8T245RHL	QBS Package Reference: TVS0500DRVR
ED	Electrical Characterization	Per Datasheet Parameters	Pass	Pass	Pass	Pass	Pass
HBM	ESD - HBM	2000 V	-	1/3/0	1/3/0	-	-
CDM	ESD - CDM	500 V	-	1/3/0	1/3/0	-	-
LU	Latch-up	(per JESD78)	-	1/6/0	1/6/0	-	-
HTOL	Life Test, 150C	408 Hours	-	-	3/231/0	-	-
ELFR	Early Life Failure Rate, 125C	48 Hours	-	-	3/2400/0	-	-
HTSL	High Temp. Storage Bake, 150C	1000 Hours	-	-	-	3/231/0	-
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	-	3/231/0	-
TC	Temperature Cycle, -65/150C	500 Cycles	-	-	-	3/231/0	-
UHAST	Unbiased HAST, 130C/85%RH	96 Hours	-	-	-	3/231/0	-
PD	Physical Dimensions	--	1/30/0	1/30/0	-	3/90/0	-
SD	Solderability	Pb Free	-	-	-	-	1/22/0
WBP	Bond Pull	Wires	1/30/0	1/30/0	-	3/90/0	-
WBS	Ball Bond Shear	Wires	1/30/0	1/30/0	-	3/90/0	-

- 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: R-CHG-2208-002

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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