PCN Number: 202			0210326003.1			PCN Date:		e:	Mar 31, 2021		
Title: Transfer of select			: C10 devices from ANAM-1 to DMOS5 Wafer Fab site				2				
Customer Contact:			PCN Manager			Dept: Qua		uali	ty Services		
Proposed 1 st Ship Date:			Jun 30, 2021		Estimated Sample Availability:				Date provided at sample request.		
Change Type:											
Assembly Site				Assembly Process				Asse	Assembly Materials		
Design				Electrical Specification				Mech	Mechanical Specification		
Test Site					Packing/Shipping/Labeling				Test Process		
Wafer Bump Site					Wafer Bump Material				Wafer Bump Process		
					Wafer Fab Materials				Wafe	er Fa	ab Process
					Part number change						
	DCN Potoile										

PCN Details

Description of Change:

This change notification is to announce the transfer of select devices from ANAM-1 to the DMOS5 Wafer Fab site. Fab support from ANAM-1 has been discontinued. Buffer inventory has been built to cover the notification period of this change notification.

Curre	ent (Discontin	ued)	New (Transfer to Location)			
Current Fab Site Process		Wafer Diameter	New Fab Fab Site Process		Wafer Diameter	
ANAM-1	C10	200mm	DMOS5	C10	200mm	

Qual details are provided in the Qual Data Section.

Reason for Change:

Discontinued Fab support from ANAM-1

Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):

None

Changes to product identification resulting from this PCN:

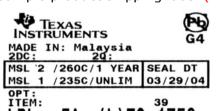
Current

Chip Site	Chip Site Origin (20L)	Chip Site Country Code (21L)	Chip Site City
ANAM-1	ANM	KOR	Bucheon-si

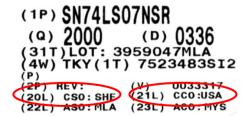
New Fab Site

Chip Site	Chip Site Origin (20L)	Chip Site Country Code (21L)	Chip Site City
DP1DM5	DM5	USA	Dallas

Sample product shipping label (not actual product label)







Product Affected Group:

CDCLVD1204RGTR CDCLVD1204RGTT CDCLVD2108RGZR CDCLVD2108RGZT	
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Qualification Report

Approve Date 23-March-2021

Qualification Results

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

Туре	Test Name / Condition	Duration	Qual Device: CDCLVD2108RGZ	Qual Device: CDCLVD1204RGT	QBS Reference: TLK2500IRCP	QBS Reference: TLK2201BIRCP
AC	Autoclave 121C, 2atm	96 Hours	-	-	3/231/0	3/231/0
CDM	ESD - CDM	1500 V	-	-	-	1/3/0
ED	Electrical Characterization	Per Data Sheet Parameters	-	-	Pass	Pass
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	3/231/0	-
HBM	ESD - HBM	4000 V	-	-	-	1/3/0
HTOL	Life Test, 155C	240 Hours	-	-	3/231/0	-
HTSL	High Temp. Storage Bake, 170C	420 Hours	-	-	3/135/0	3/135/0
LU	Latch-up	(Per JESD78)	-	-	-	1/6/0
T/C	Temp Cycle -65C/150C	500 Cycles	-	-	-	3/231/0
WBP	Bond Pull	Wires	Pass	Pass	-	-
WPS	Ball Bond Shear	Wires	Pass	Pass	-	-

- Qual Devices qualified at LEVEL3-260C: CDCLVD2108RGZ
- Qual Devices qualified at LEVEL2-260C: CDCLVD1204RGT
- 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

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