PCN Number:		20220516003.1			I	PCN Date:	May 17, 2022		
Title:	of TI Cher	igdu (as an	additional <i>i</i>	Assembly si	te f	or select dev	ices	
Customer	Contact:	PCN Manag	CN Manager Dept: Quality Serv		rvic	ces			
Proposed 1 st Ship Date: Au		e: Aug 1	17, 2022 Sample requests accepted until:			June 17, 2022			
*Sample requests received after June 17, 2022 will not be supported.									
Change T									
Assembly Site				Des	ign			Wafer Bum	p Site
Assembly Process			Data	a Sheet			Wafer Bum	p Material	
Assei	Assembly Materials			Part	number ch	nange		Wafer Bum	p Process
Mechanical Specification			Test	Site			Wafer Fab	Site	
□ Packing/Shipping/Labeling			Test	Process			Wafer Fab I	Materials	
								Wafer Fab I	Process
PCN Details									

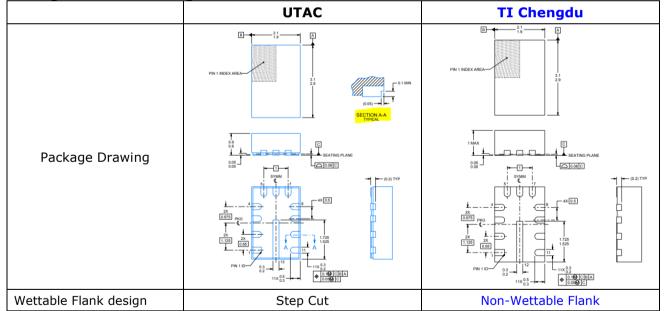
PCN Details

Description of Change:

Texas Instruments is pleased to announce the qualification of TI Chengdu as additional Assembly Site for Select Devices listed in the "Product Affected" Section. No material differences between sites.

Assembly Site	Assembly Site Origin	Assembly Country Code	Assembly City
UTAC	NSE	THA	Bangkok
TI Chengdu	CDA	CHN	Chengdu

Package Outline Drawing Differences:



Reason for Change:

Continuity of supply.

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		

Changes to product identification resulting from this PCN:

Assembly Site		
UTAC	Assembly Site Origin (22L)	ASO: NSE
CDAT	Assembly Site Origin (22L)	ASO: CDA

Sample product shipping label (not actual product label)



MADE IN: Malaysia 2DC: 2Q: MSL'2 /260C/1 YEAR SEAL DT MSL 1 /235C/UNLIM 03/29/04

OPT: ITEM:

: 5A (L)TO:1750



(1P) \$N74L\$07N\$R (Q) 2000 (D) 0336 (31T)LOT: 3959047MLA (4W) TKY(1T) 7523483812 (P) (2P) REV: (V) 0033317

(2P) REV: (V) 0033317 (20L) CSO: SHE (21L) CCO:USA (22L) ASO: MLA (23L) ACO: MYS

Product Affected:

LMR36006BRNXR	LMR36015ARNXR	LMR36015FBRNXR	LMR36015SFBRNXR
LMR36006BRNXT	LMR36015ARNXT	LMR36015FBRNXT	
LMR36006CRNXR	LMR36015BRNXR	LMR36015SARNXR	
LMR36006CRNXT	LMR36015BRNXT	LMR36015SBRNXR	

Qualification Report

Approve Date 27-Apr-2022

Qualification Results

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

Туре	Test Name / Condition	Duration	Qual Device: LMR36015ARNX Assembly site #2	Qualification device LMR33630CQRNXRQ1 Assembly site #2	Original Qual Device: LMR36015AQRNXTQ1 Assembly site #1	Original qualification device: LMR33620CQRNXTQ1 Assembly site #1
AC	Autoclave 121C	96 hours	QBS	-	QBS	3/231/0
uHAST	Unbiased HAST 110C	264 hours	QBS	3/231/0		
THB	Biased Temperature and Humidity, 85C/85%RH	1000 hours	-	-	1/77/0	3/231/0
HAST	Biased HAST, 110C/85%RH	264 hours	1/77/0	3/231/0	2/154/0	
TC	Temperature Cycle, - 65/150C	500 cycles	1/77/0	3/231/0	QBS	3/231/0
HTOL	High Temp	408	QBS	3/231/0	3/231/0	3/231/0

PCN# 20220516003.1

Type	Test Name / Condition	Duration	Qual Device: LMR36015ARNX Assembly site #2	Qualification device LMR33630CQRNXRQ1 Assembly site #2	Original Qual Device: LMR36015AQRNXTQ1 Assembly site #1	Original qualification device: LMR33620CQRNXTQ1 Assembly site #1
	Op Life, 150C	hours				
			ODC	0/004/0		
HTSL	High Temp Storage Like 150C	1000 hours	QBS	3/231/0	QBS	3/231/0
LU	Latch-up	150C	QBS	1/6/0	1/6/0	1/6/0
CDM	ESD - CDM	750 V	QBS	1/3/0	1/3/0	
HBM	ESD - HBM	2000V	QBS	1/3/0	1/3/0	

- QBS: Qual By Similarity
- LMR360015Ax family is qualified at LEVEL2-260C
- 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

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

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

Location	E-Mail
WW PCN Team	PCN www admin_team@list.ti.com

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