12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN#20231106000.1
Qualification alternate Mount Compound material for select devices
Change Notification / Sample Request

Date: November 09, 2023
To: PREMIER FARNELL 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 and approval of this change. If samples or additional data are 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 change management team.

For sample requests or sample related questions, contact your local Field Sales Representative.

Sincerely,

Change Management Team
SC Business Services

20231106000.1
Change Notification / Sample Request
Attachments

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, you have recently purchased these devices. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
INA116UA	null

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

PCN Number:	20231106000.1	PCN Date:	November 09, 2023
Title:	Qualification of alternate mount compound material for select devices		
Customer Contact:	Change Management team	Dept:	Quality Services
Proposed 1st Ship Date:	Feb 9, 2024	Sample Requests accepted until:	Dec 9, 2023*

***Sample requests received after Dec 9, 2023 will not be supported.**

Change Type:

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

PCN Details

Description of Change:

This PCN is to inform of an alternate Mount Compound material set for the list of devices in the product affected sections below.

What	Current	Additional
Mount Compound	**4205846**	**4211470**

Qualification results are shown below

Reason for Change:

Standardization

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:

None

Product Affected:

ACF2101BU	DAC716UB	DAC7802KU/1K	INA116UA
ADS774JU	DAC716UK	DAC7802LU	INA2128U
ADS774JU/1K	DAC7614U	DAC811JU	INA2128U/1K
ADS774KU	DAC7614U/1K	DAC811KU	INA2128UA
ADS774KU/1K	DAC7614UB	DAC813AU	INA2128UA/1K

ADS7800JU	DAC7614UB/1K	DAC813AU/1K	INA2141U
ADS7800JU/1K	DAC7615U	DAC813JU	INA2141UA
ADS7800KU	DAC7615U/1K	DAC813JU/1K	INA2141UA/1K
ADS7804U	DAC7615UB	DAC813KU	INA217AIDWR
ADS7804U/1K	DAC7615UB/1K	DAC8830IBD	INA217AIDWT
ADS7804UB	DAC7616UB	DAC8830IBDR	LOG2112AIDW
ADS7805U	DAC7616UB/1K	DAC8830ICD	LOG2112AIDWR
ADS7805U/1K	DAC7617UB	DAC8830ICDR	MPY634KU
ADS7805UB	DAC7624U	DAC8830ID	MPY634KU/1K
ADS7805UB/1K	DAC7624U/1K	DAC8830IDR	OPA404KU
ADS7806UB	DAC7624UB	DAC8830MCDEP	OPA404KU/1K
ADS7807U	DAC7624UB/1K	DAC8830MCDREP	OPA4131UA
ADS7807U/1K	DAC7625U	DAC8831IBD	OPA4131UA/1K
ADS7807UB	DAC7625U/1K	DAC8831IBDR	PCM56U
ADS7811U	DAC7625UB	DAC8831ICD	PCM56U/1K
ADS7811U-1/1K	DAC7625UB/1K	DAC8831ICDR	PGA204AU
ADS7812UB	DAC7714U	DAC8831ID	PGA204AU/1K
ADS7812UB/1K	DAC7714U/1K	DAC8831IDR	PGA204BU
ADS7813U	DAC7714UB	DAC8831MCDEP	PGA204BU/1K
ADS7813U/1K	DAC7714UB/1K	DAC8831MCDREP	PGA205AU
ADS7813UB	DAC7715U	DDC101U	PGA205AU/1K
ADS7815U	DAC7715U/1K	DRV134UA	PGA205BU
ADS7815U/1K	DAC7715UB	DRV134UA/1K	PGA206UA
ADS7824U	DAC7715UB/1K	INA101KU	PGA207UA
ADS7824U/1K	DAC7724U	INA101KU/1K	PGA207UA/1K
ADS7824UB	DAC7724U/1K	INA103KU	PGA2310UA
ADS7825U	DAC7724UB	INA103KU/1K	PGA2310UA/1K
ADS7825U/1K	DAC7724UB/1K	INA110KU	PGA2311U
ADS7825UB	DAC7725U	INA111AU	PGA2311U/1K
ADS7825UB/1K	DAC7725UB	INA111AU/1K	PGA2311UA
ADS8512IBDW	DAC7725UB/1K	INA111BU	PGA2311UA/1K
ADS8513IBDW	DAC7800KU	INA114AU	PGA2320IDW
ADS8513IBDWR	DAC7800KU/1K	INA114AU/1K	PGA2320IDWR
ADS8513IDW	DAC7800LU	INA114BU	UAF42AU
ADS8513IDWR	DAC7801KU	INA114BU/1K	XTR101AU
DAC714U	DAC7801KU/1K	INA115AU	XTR101AU/1K
DAC714U/1K	DAC7801LU	INA115AU/1K	XTR110KU
DAC715UB	DAC7802KU	INA115BU	XTR110KU/1K
DAC715UL			

Qualification Report

Approve Date 22-September-2023

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: PGA2320IDWR	QBS Reference: ISO6721BQDRQ1
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	3/231/0
UHAST	A3	Autoclave	121C/15psig	96 Hours	-	3/231/0
UHAST	A3	Unbiased HAST	130C/85%RH	96 Hours	3/231/0	-
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	3/231/0	3/231/0
HTSL	A6	High Temperature Storage Life	170C	420 Hours	3/231/0	-
HTSL	A6	High Temperature Storage Life	175C	500 Hours	-	3/135/0
HTOL	B1	Life Test	125C	1000 Hours	-	3/231/0
SD	C3	PB Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes)	-	-	1/15/0
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes)	-	1/22/0	1/15/0
PD	C4	Physical Dimensions	Cpk>1.67	-	-	3/30/0
ESD	E2	ESD CDM	-	500 Volts	-	1/3/0
ESD	E2	ESD HBM	-	2000 Volts	-	1/3/0
LU	E4	Latch-Up	Per JESD78	-	-	1/6/0

Type	#	Test Name	Condition	Duration	Qual Device: PGA2320IDWR	QBS Reference: ISO6721BQDRQ1
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	3/90/0	-
CHAR	E5	Electrical Distributions	Cpk>1.67 Room, hot, and cold	-	-	3/90/0

- QBS: Qual By Similarity
- Qual Device PGA2320IDWR is qualified at MSL2 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
- 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/

TI Qualification ID: R-CHG-2304-021

For questions regarding this notice, e-mails can be sent to the Change Management team or your local Field Sales Representative.