

PCN Number:	20231024001.1		PCN Date:	October 24, 2023																			
Title:	Qualification of RFAB as an additional Fab site option and Assembly Site (PHI) and BOM Options for select devices																						
Customer Contact:	Change Management Team		Dept:	Quality Services																			
Proposed 1st Ship Date:	Jan 22, 2024		Sample requests accepted until:	Nov 24, 2023*																			
*Sample requests received after Nov 24, 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:																							
Texas Instruments is pleased to announce the qualification of its RFAB fabrication facility as an additional Wafer Fab option in addition to Assembly site (PHI) and BOM options for the devices listed below.																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Current Fab Site</th> <th colspan="3">Additional Fab site</th> </tr> <tr> <th>Current Fab Site</th> <th>Process</th> <th>Wafer Diameter</th> <th>Additional Fab site</th> <th>Process</th> <th>Wafer Diameter</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">AIZU</td> <td style="text-align: center;">50HPA07</td> <td style="text-align: center;">200mm</td> <td style="text-align: center;">RFAB</td> <td style="text-align: center;">50HPA07</td> <td style="text-align: center;">300mm</td> </tr> </tbody> </table>						Current Fab Site			Additional Fab site			Current Fab Site	Process	Wafer Diameter	Additional Fab site	Process	Wafer Diameter	AIZU	50HPA07	200mm	RFAB	50HPA07	300mm
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Current Fab Site	Process	Wafer Diameter	Additional Fab site	Process	Wafer Diameter																		
AIZU	50HPA07	200mm	RFAB	50HPA07	300mm																		
The die was also changed as a result of the process change to accommodate the change in Assembly technology																							
Construction differences are as follows:																							
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Assembly Technology	Die Down	Die Up																					
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																			
☒ No Change		☒ No Change		☒ No Change																			

Changes to product identification resulting from this PCN:**Fab Site Information:**

Chip Site	Chip Site Origin Code (20L)	Chip Site Country Code (21L)	Chip Site City
AIZU	CU2	JPN	Aizuwakamatsu-shi
RFAB	RFB	USA	Richardson

Die Rev:**Current****New**

Die Rev [2P]	Die Rev [2P]
B	D

Assembly Site Information:

Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City
UTL2	NS2	THA	Bangpakong, Chachoengsao
TI Phillippines	PHI	PHL	Baguio City

Sample product shipping label (not actual product label):

**TEXAS INSTRUMENTS**
MADE IN: Malaysia
2DC: 20:
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) **0000017**
(20L) CS0: SHE (21L) CC0:USA
(22L) AS0: MLA (23L) AC0: MYS

Product Affected:

INA219AIDCNR	INA219AIDCNT	INA219BIDCNR	INA219BIDCNT
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Qualification Report
INA219 Redbull
Approve Date 28-September-2023
Qualification Results
Data Displayed as: Number of lots / Total sample size / Total failure

[illegible]

- [illegible]

[1]-incomplete deep trench etching that will be screen out by MP and SCOS.

(3) Incomplete deep trench etching that will be screen out by MP and SCOS

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

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