




PCN Number:	20220819000.1	PCN Date:	August 19, 2022
Title:	Qualification of TI Malaysia as an additional assembly site for select Devices		
Customer Contact:	PCN Manager	Dept:	Quality Services
Proposed 1st Ship Date:	Nov 17, 2022	Sample requests accepted until:	Sept 19, 2022*
*Sample requests received after Sept 19, 2022 will not be supported.			
Change Type:			
<input checked="" type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design
<input checked="" type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet
<input checked="" type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process
		<input type="checkbox"/>	Wafer Bump Site
		<input type="checkbox"/>	Wafer Bump Material
		<input type="checkbox"/>	Wafer Bump Process
		<input type="checkbox"/>	Wafer Fab Site
		<input type="checkbox"/>	Wafer Fab Materials
		<input type="checkbox"/>	Wafer Fab Process
PCN Details			
Description of Change:			
Texas Instruments Incorporated is announcing the qualification of TI Malaysia as an alternate Assembly site for devices listed below in the product affected section. Construction differences are as follows:			
		Carsem	TI Malaysia
Mount Compound		SID#434165	4147858
Bond wire composition/diameter		Au, 1.0mil	Cu, 1.0mil
Mold Compound		SID#438518	4211471
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
<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change
Changes to product identification resulting from this PCN:			
Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City
Carsem	CSZ	CHN	Jiangsu
MLA	MLA	MYS	Kuala Lumpur
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

(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:			
OPA4348AIPWR	OPA4348AIPWRG4	OPA4348AIPWT	OPA4348AIPWTG4

TI Information
Selective Disclosure

Qualification Report
 Approve Date 24-JUNE -2022

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: OPA4348AIPWR	QBS Reference: INA1650QPWRQ1	QBS Reference: OPA356AQDBVRQ1
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	3/231/0	3/231/0
UHAST	A3	Autoclave	121C/15psig	96 Hours	-	3/231/0	3/230/0 ¹
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	-	3/231/0	3/230/0
HTSL	A6	High Temperature Storage Life	175C	500 Hours	-	-	1/45/0
HTOL	B1	Life Test	125C	1000 Hours	-	2/154/0	3/231/0
ELFR	B2	Early Life Failure Rate	125C	48 Hours	-	-	3/2400/0
PD	C4	Physical Dimensions	Cpk>1.67	-	-	3/30/0	1/10/0
ESD	E2	ESD CDM	-	1000 Volts	-	1/3/0	-
ESD	E2	ESD CDM	-	500 Volts	-	-	1/3/0
ESD	E2	ESD HBM	-	2000 Volts	-	-	1/3/0
ESD	E2	ESD HBM	-	4000 Volts	-	1/3/0	-
CHAR	E5	Electrical Distributions	Cpk>1.67 Room, hot, and cold	-	-	3/90/0	3/90/0
FTY	E6	Final Test Yield	-	-	1/1/0	-	-

- QBS: Qual By Similarity
- Qual Device OPA4348AIPWR is qualified at MSL2 260C

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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