



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20251210003.1
Qualify MLA as an additional Assembly site for select devices
Change Notification / Sample Request

Date: December 11, 2025
To: MOUSER 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 60 days of the date of this notice. Lack of acknowledgement of this notice within 60 days constitutes acceptance and approval of this change. If samples or additional data are required, requests must be received within 60 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.

TI values customer engagement and feedback related to TI changes. Customers should contact TI if there are questions or concerns regarding a change notification.

Sincerely,

Change Management Team
SC Business Services

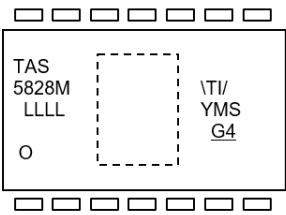
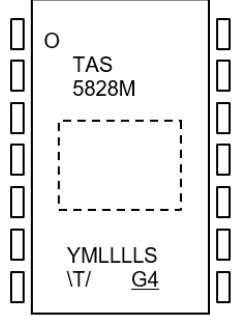
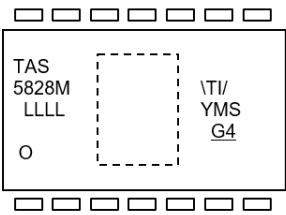
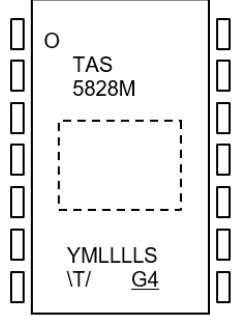
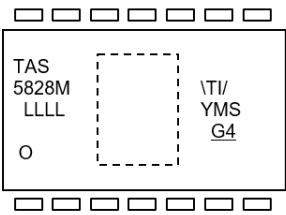
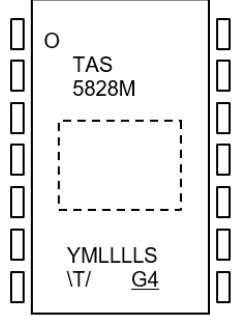
20251210003.1
Attachment: 1

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
TAS5828MDADR	NULL

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

PCN Number:	20251210003.1		PCN Date:	December 11, 2025									
Title:	Qualify MLA as an additional Assembly site for select devices												
Customer Contact:	Change Management team		Dept:	Quality Services									
Proposed 1st Ship Date:	March 11, 2026		Sample requests accepted until:	February 09, 2026*									
*Sample requests received after February 09, 2026 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 TI Malaysia (MLA) as an additional Assembly site for the list of devices shown below. No material differences between sites.													
	<table border="1"> <thead> <tr> <th></th> <th>Current Site TAI</th> <th>Additional site MLA</th> </tr> </thead> <tbody> <tr> <td>Assembly/Test site</td> <td></td> <td></td> </tr> <tr> <td>Marking appearance</td> <td>  </td> <td>  </td> </tr> </tbody> </table>			Current Site TAI	Additional site MLA	Assembly/Test site			Marking appearance				
	Current Site TAI	Additional site MLA											
Assembly/Test site													
Marking appearance													
Reason for Change:													
Continuity of supply.													
Anticipated impact on Fit, Form, 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:													
Assembly Site													
TI Taiwan	Assembly Site Origin (22L)	ASO: TAI											
TI Malaysia	Assembly Site Origin (22L)	ASO: MLA											
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) CS0: SHE (21L) CC0:USA (22L) AS0: MLA (23L) AC0: MYS
Product Affected:		
TAS5828MDADR		

Qualification Report

Approve Date 14-November-2025

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: TAS5828MDADR	QBS Process Reference: PDRV3256SEPAPQ1	QBS Package Reference: TPA3138D2PWPR	QBS Package Reference: ALM2402FQPWPRQ1	QBS Package, Process, Product Reference: TAS5830DADR
HAST	A2	Biased HAST	130C/85%RH	96 Hours	-	-	-	3/231/0	1/77/0
UHA	A3	Autoclave	121C/15psig	96 Hours	-	-	3/231/0	-	-
UHA	A3	Unbiased HAST	130C/85%RH	96 Hours	-	-	-	3/231/0	1/77/0
TC	A4	Temperature Cycle	-65C/150C	500 Cycles	-	-	3/231/0	3/231/0	1/77/0
HTSL	A6	High Temperature Storage Life	170C	420 Hours	-	-	3/231/0	-	1/77/0
HTSL	A6	High Temperature Storage Life	175C	500 Hours	-	-	-	3/135/0	-
HTOL	B1	Life Test	150C	1000 Hours	-	3/231/0	-	-	-
ELFR	B2	Early Life Failure Rate	150C	48 Hours	-	3/2400/0	-	-	-
SD	C3	PB Solderability	8 Hr Steam Age	-	-	-	-	1/15/0	-
SD	C3	PB-Free Solderability	8 Hr Steam Age	-	-	-	-	1/15/0	-
SD	C3	PB-Free Solderability	Precondition w.155C Dry Bake (4 hrs +/- 15 minutes); PB-Free Solder;	-	-	-	-	-	1/22/0
PD	C4	Physical Dimensions	Cpk>1.67	-	-	-	-	3/30/0	-
ESD	E2	ESD CDM	-	250 Volts	1/3/0	-	-	-	1/3/0
ESD	E2	ESD HBM	-	1000 Volts	1/3/0	-	-	-	1/3/0
LU	E4	Latch-Up	Per JESD78	-	1/3/0	-	-	-	1/3/0
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	1/30/0	-	-	-	1/30/0
FTY	E6	Final Test Yield	-	-	1/Pass	-	-	-	-

QBS: Qual By Similarity, also known as Generic Data

Qual Device TAS5828MDADR is qualified at MSL3 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-2502-073

In performing change qualifications, Texas Instruments follows integrated circuit industry standards in performing defect mechanism analysis and failure mechanism-based accelerated environmental testing to ensure wafer fab process, assembly process and product quality and reliability. As encouraged by these standards, TI uses both product-specific and generic (family) data in qualifying its changes. For devices to be categorized as a 'product qualification family' for generic data purposes, they must share similar product, wafer fab process and assembly process elements. The applicability of generic data (also known at TI as Qualification by Similarity (QBS)) is determined by the Reliability Engineering function following these industry standards. Generic data is shown in the qualification report in columns titled "QBS Process" (for wafer fab process), "QBS Package" (for assembly process) and "QBS Product" (for product family).

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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