



12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN#20240628017.1

**Qualification of TI Philippines as an additional Assembly site for the Select Devices
Change Notification / Sample Request**

Date: June 29, 2024

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 **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

20240628017.1

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
AM2431BSDFHIALXR	NULL
AM2431BSDGHIALVR	NULL
AM2431BSDGHIALXR	NULL
AM2432BKEGHIALXR	NULL
AM2432BKFGHIALXR	NULL
AM2432BSDFHIALVR	NULL
AM2432BSDGHIALXR	NULL
AM2432BSDGHIALXR	NULL
AM2432BSEFHIALVR	NULL
AM2432BSEFHIALXR	NULL
AM2432BSFFHIALVR	NULL
AM2432BSFFHIALXR	NULL
AM2434BSDFHIALVR	NULL
AM2434BSDFHIALXR	NULL
AM2434BSDGHIALVR	NULL
AM2434BSDGHIALXR	NULL
AM2434BSEFHIALVR	NULL
AM2434BSEFHIALXR	NULL
AM2434BSFFHIALVR	NULL
AM2434BSFFHIALXR	NULL
AM6412BKCGHAAALVR	NULL
AM6412BSCGHAAALV	NULL
AM6421BSDGHAALVR	NULL
AM6421BSEFHAAALVR	NULL
AM6421BSFFHAAALV	NULL
AM6421BSFGHAAALV	NULL
AM6422BSDFHAALVR	NULL
AM6422BSDGHAALV	NULL
AM6441BSEFHAAALV	NULL
AM6441BSEGHAALVR	NULL
AM6441BSFFHAAALV	NULL
AM6442BSDGHAALV	NULL
AM6442BSEFHAAALV	NULL
AM6442BSEGHAALV	NULL
AM6442BSFFHAAALV	NULL
AM6442BSFGHAAALV	NULL

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

PCN Number:	PCN#20240628017.1	PCN Date:	June 29, 2024
Title:	Qualification of TI Philippines as an additional Assembly site for select devices		
Customer Contact:	Change Management Team	Dept:	Quality Services
Proposed 1st Ship Date:	September 27, 2024	Sample requests accepted until:	July 29, 2024*

***Sample requests received after July 29, 2024 will not be supported.**

Change Type:

<input checked="" type="checkbox"/> Assembly Site	<input type="checkbox"/> Design	<input type="checkbox"/>	Wafer Bump Material
<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Data Sheet	<input type="checkbox"/>	Wafer Bump Process
<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Part number change	<input type="checkbox"/>	Wafer Fab Site
<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Site	<input type="checkbox"/>	Wafer Fab Material
<input checked="" type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Process	<input type="checkbox"/>	Wafer Fab Process

PCN Details

Description of Change:

Texas Instruments Incorporated is announcing the qualification of TI Philippines as an additional Assembly site for the devices listed below. There are no construction differences between the current site and TI Philippines built devices.

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			

Changes to product identification resulting from this PCN:

Assembly Site	Assembly Site Origin (22L)	Assembly Country Code (23L)	Assembly City
Amkor T3 PHI	AM3 PHI	TWN PHL	Hsinchu Baguio City

Sample product shipping label (not actual product label)



Product Affected:

AM2431BKCGGIALXR	AM2432BSEFGIALVR	AM2434BSFFHIALXR	AM6422BSDGHAALV
AM2431BKCGHAAALXR	AM2432BSEFGIALXR	AM2434BSFGGIALVR	AM6441BSDFHAALV
AM2431BKCGHIALXR	AM2432BSEFHIALVR	AM2434BSFGGIALXR	AM6441BSDFHAALVR

AM2431BKDGIALXR	AM2432BSEFHIALXR	AM6411BKCGGAALV	AM6441BSDGGAALV
AM2431BKDGHIALXR	AM2432BSEGGIALVR	AM6411BKCGHAALV	AM6441BSDGHAALV
AM2431BSDFGIALVR	AM2432BSEGGIALXR	AM6411BSCGGAALV	AM6441BSDGHAALVR
AM2431BSDFGIALXR	AM2432BSFFGIALVR	AM6412BKCGGAALV	AM6441BSEFGAALV
AM2431BSDFHIALVR	AM2432BSFFGIALXR	AM6412BKCGHAALV	AM6441BSEFHAAALV
AM2431BSDFHIALXR	AM2432BSFFHIALVR	AM6412BKCGHAALVR	AM6441BSEGHAALV
AM2431BSDGGIALVR	AM2432BSFFHIALXR	AM6412BSCGGAALV	AM6441BSEGHAALVR
AM2431BSDGGIALXR	AM2432BSFGGIALVR	AM6412BSCGHAALV	AM6441BSFFHAALV
AM2431BSDGHIALVR	AM2432BSFGGIALXR	AM6421BSDFHAALV	AM6441BSFGHAALV
AM2431BSDGHIALXR	AM2434BSDFGIALXR	AM6421BSDFHAALVR	AM6441BSFGHAALVR
AM2432BKCGGIALXR	AM2434BSDFHIALVR	AM6421BSDGGAALV	AM6442BSDFHAALV
AM2432BKCGHIALXR	AM2434BSDFHIALXR	AM6421BSDGHAALV	AM6442BSDFHAALVR
AM2432BKDGIALXR	AM2434BSDGGIALVR	AM6421BSDGHAALVR	AM6442BSDGGAALV
AM2432BKDGHIALXR	AM2434BSDGGIALXR	AM6421BSEFGAALV	AM6442BSDGHAALV
AM2432BKEGGIALXR	AM2434BSDGHIALVR	AM6421BSEFHAAALV	AM6442BSEFGAALV
AM2432BKEGHIALXR	AM2434BSDGHIALXR	AM6421BSEFHAAALVR	AM6442BSEFHAAALV
AM2432BKFGGIALXR	AM2434BSEFGIALVR	AM6421BSEGHAALV	AM6442BSEGGAALV
AM2432BKFGHIALXR	AM2434BSEFGIALXR	AM6421BSEGHAALVR	AM6442BSEGHAALV
AM2432BSDFGIALXR	AM2434BSEFHIALVR	AM6421BSFFHAALV	AM6442BSFFHAALV
AM2432BSDFHIALVR	AM2434BSEFHIALXR	AM6421BSFGHAALV	AM6442BSFGHAALV
AM2432BSDFHIALXR	AM2434BSEGGIALVR	AM6422BKDGHAALV	XAM6441BSEFGAALV
AM2432BSDGGIALVR	AM2434BSEGGIALXR	AM6422BSDFHAALV	XAM6442BSFG1AALV
AM2432BSDGGIALXR	AM2434BSFFGIALVR	AM6422BSDFHAALVR	XAM6442BSFGGAALV
AM2432BSDGHIALVR	AM2434BSFFGIALXR	AM6422BSDGGAALV	XAM6442BSFGHAALV
AM2432BSDGHIALXR	AM2434BSFFHIALVR		

TI Information
Selective Disclosure

Qualification Results

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

Type	#	Test Name	Condition	Duration	Qual Device: XAM2434BSFGHIALX
HAST	A2	Temperature Humidity Bias	85C/85%RH	1000 Hours	3/7/0
UHAST	A3	Unbiased HAST	110C/85%RH	264 Hours	3/7/0
TC	A4	Temperature Cycle	-55C/125C	1000 Cycles	3/7/0
HTSL	A6	High Temperature Storage Life	150C	1000 Hours	3/7/0
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	1/30/0

- QBS: Qual By Similarity
- Qual Device XAM2434BSFGHIALX is qualified at MSL3 250C
- 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-2209-092

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

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI’s products are provided subject to TI’s Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI’s provision of these resources does not expand or otherwise alter TI’s applicable warranties or warranty disclaimers for TI products.