Customer Information Notification

202609014I : Ara240 DNPU Datasheet Update - Commercial Temperature

Note: This notice is NXP Company Proprietary.

Issue Date: Oct 28, 2026 **Effective Date:** Oct 29, 2026

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Management summary

The operating voltage range of the Ara240 Commercial part is being changed to be the same as the Industrial part. Please refer to Datasheet for details.

Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[ ]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[X]Electrical spec./Test coverage
[ ]Firmware	[ ]Other: Change in operating voltage specification			

Notification Overview

Description

The operating voltage range of the Ara240 Commercial part is being changed to be the same as the Industrial part. Please refer to Datasheet for details.

https://www.nxp.com/docs/en/data-sheet/ARA240COM.pdf

Reason

The Ara240 DNPU Datasheet has been revised to update the operating core voltage for consistency with the Industrial temperature device.
For a detailed description of the updates, please refer to the latest version of the datasheet.

Identification of Affected Products

Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

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Ara240 will run at a higher voltage which means it will consume more power and customers will need to account for this change in the form of thermal design and higher power budget for VDDCore. Higher power consumption is noted in DS (same as Industrial).

Data Sheet Revision

A new data sheet will be issued

Disposition of Old Products

Existing inventory will be shipped until depleted

The existing device will be compatible with the new change.

Additional information

Additional documents: view online

Remarks

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1. Current device with the larger range meet the new datasheet specification
2. Customers who design boards with 0.8V nominal will need to update their boards to 0.84V to meet the new datasheet requirement.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

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