



Customer Information Notification

2022030081 : i.MX 8M Nano Consumer and Industrial Datasheet Update to Rev.2

Note: This notice is NXP Company Proprietary.

Issue Date: Mar 16, 2022 **Effective date:** Mar 17, 2022

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Management summary

Industrial and Consumer Datasheet (DS) update for i.MX 8M Nano to revision 2

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input type="checkbox"/> Other			

PCN Overview

Description

NXP Semiconductors announces Industrial and Consumer Datasheet (DS) update for i.MX 8M Nano to revision 2. The revision history included in the updated document provides a detailed description of the changes.

Industrial and Consumer Datasheet Changes Summary:

1. Added a note in the Table 16, "Operating ranges for 11 x11 mm package"
2. Added a footnote for the Figure 5, "The power-down sequence for 14 x 14 mm package" and Figure 6, "The power-down sequence for 11 x 11 mm package"
3. Updated the Table 13, "14 x 14 mm package thermal resistance data" and table 14, "11x11 package thermal resistance data"
4. Corrected the driver level and ESR values in the Table 31, "Crystal specifications"
5. Updated the Section 3.4.2, OSC32K
6. Updated Table 15, TMU accuracy for 14x14mm package
7. Updated Table 16, TMU accuracy for 11x11mm package

The i.MX 8M Nano Industrial and Consumer Datasheet Rev.2 are attached to this notice, and can be found at:

<https://www.nxp.com/docs/en/data-sheet/IMX8MNIEC.pdf>

<https://www.nxp.com/docs/en/data-sheet/IMX8MNCEC.pdf>

Reason

The datasheet has been updated to correct errors, provide additional technical clarification on some device features.

Identification of Affected Products

Product identification does not change

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

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

A new datasheet will be issued

Additional documents: [view online](#)

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:

Name	Nikitha Verreddigari
Position	Marketer
e-mail address	nikitha.verreddigari@nxp.com

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NXP Quality Management Team.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line	Notes
MIMX8MN6DVTJZAA	935390509557	MIMX8MN6DVTJZAA	8M Nano 8155 14X14FCBGA	FCPBGAA486M	SOT1967-1	RFS	No	BLM1	
MIMX8MN6DVTJZCA	935391123557	MIMX8MN6DVTJZCA	8M Nano 8155 14X14FCBGA	FCPBGAA486M	SOT1967-1	RFS	No	BLM1	
MIMX8MN6DVTJZDA	935391124557	MIMX8MN6DVTJZDA	8M Nano 8155 14X14FCBGA	FCPBGAA486M	SOT1967-1	RFS	No	BLM1	
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