



Customer Information Notification **Update**

202108019IU02 : i.MX 8M Plus Consumer and Industrial Datasheet Update to Rev.2.1

Note: This notice is NXP Company Proprietary.

Issue Date: Aug 25, 2023 **Effective date:** Aug 26, 2023

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Management summary

Industrial and Consumer Datasheet (DS) update for i.MX 8M Plus to revision 2.1

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 checked="" type="checkbox"/> Other: Datasheet				

PCN Overview

Description

NXP Semiconductors announces Industrial and Consumer Datasheet (DS) update for i.MX 8M Plus to revision 2.1. The revision history included in the updated document provides a detailed description of the changes.

Highlighted Changes:

- Reverted the values of the clocks frequency back to Rev. 1 in the Table 13, "Maximum frequency of modules". Please refer to the datasheet revision history table for the complete list of clocks that have been updated.
- For Video_PLL1, updated the clock output range value from "up to 650 MHz" to "650 MHz - 1190 MHz" in Table 25, "PLL electrical parameters".

Reason

Datasheet has been updated to correct errors introduced in Rev. 2.

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 information

Additional documents: [view online](#)

Update Information

Datasheet has been updated to correct errors introduced in Rev. 2.

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 Tech Support

Position NXP Technical Support

e-mail address <https://www.nxp.com/support/support:SUPPORTHOME>

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NXP Quality Management Team.

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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MIMX8ML3CVNKZAB	935416729557	MIMX8ML3CVNKZAB	i.MX 8M Plus, Industrial	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML3DVNLZAB	935416731557	MIMX8ML3DVNLZAB	i.MX 8M Plus, Consumer,	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML4CVNKZAB	935416732557	MIMX8ML4CVNKZAB	i.MX 8M Plus, Industrial	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML4DVNLZAB	935416733557	MIMX8ML4DVNLZAB	i.MX 8M Plus, Consumer,	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML6CVNKZAB	935416734557	MIMX8ML6CVNKZAB	i.MX 8M Plus, Industrial	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML6DVNLZAB	935416735557	MIMX8ML6DVNLZAB	i.MX 8M Plus, Consumer,	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML8CVNKZAB	935416736557	MIMX8ML8CVNKZAB	i.MX 8M Plus, Industrial	FCPBGA548B	SOT2047-1	RFS	No	BLM1
MIMX8ML8DVNLZAB	935416737557	MIMX8ML8DVNLZAB	i.MX 8M Plus, Consumer,	FCPBGA548B	SOT2047-1	RFS	No	BLM1