



Customer Information Notification

2023010101 : i.MX 8M Dual / 8M QuadLite / 8M Quad (iMX8MDQLQ_2N14W) Errata update to Rev 2

Note: This notice is NXP Company Proprietary.

Issue Date: Feb 01, 2023

Effective date: Feb 02, 2023

Management summary: Errata update for i.MX 8M Dual / 8M QuadLite / 8M Quad 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 checked="" 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 type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input type="checkbox"/> Other | | | |

PCN Overview

Description

NXP Semiconductors announces Errata update for i.MX 8M Dual / 8M QuadLite / 8M Quad to revision 2 . The revision history included in the updated document provides a detailed description of the changes.

Errata changes Summary for i.MX 8M Dual / 8M QuadLite / 8M Quad.

2 new items are added:

ERR051249: TZASC: ID SWAP function not supported.

ERR051273: DDRC: Periodic hardware-based DQS2DQ calibration is not supported.

Please refer to the Errata doc for detail information.

The i.MX 8M Dual / 8M QuadLite / 8M Quad Errata Rev 2 can be found at:

https://www.nxp.com/docs/en/errata/iMX8MDQLQ_2N14W.pdf

Reason

Errata has been updated with 2 additional items, and provided related workarounds.

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

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

Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status
MIMX8MD6CVAHZAB	935377781557	MIMX8MD6CVAHZAB	i.MX 8MDual 17X17 no lid	FCPBGA621L	SOT1840-3	RFS
MIMX8MD6DVAJZAB	935377775557	MIMX8MD6DVAJZAB	i.MX 8MDual 17X17 no lid	FCPBGA621L	SOT1840-3	RFS
MIMX8MQ5CVAHZAB	935377776557	MIMX8MQ5CVAHZAB	i.MX 8MQuad 17X17 no lid	FCPBGA621L	SOT1840-3	RFS
MIMX8MQ5DVAJZAB	935377777557	MIMX8MQ5DVAJZAB	i.MX 8MQuad 17X17 no lid	FCPBGA621L	SOT1840-3	RFS
MIMX8MQ6CVAHZAB	935377778557	MIMX8MQ6CVAHZAB	i.MX 8MQuad 17X17 no lid	FCPBGA621L	SOT1840-3	RFS
MIMX8MQ6DVAJZAB	935377779557	MIMX8MQ6DVAJZAB	i.MX 8MQuad 17X17 no lid	FCPBGA621L	SOT1840-3	RFS
MIMX8MQ6DVAJZIB	935395873557	MIMX8MQ6DVAJZIB	l.MX8 mScale 850D	FCPBGA621L	SOT1840-3	RFS
PIMX8MQ6CVAHZAB	935374918699	PIMX8MQ6CVAHZAB	i.MX 8MQuad 17X17 no lid	FCPBGA621L	SOT1840-3	ASM
PIMX8MQ6DVAJZAB	935374919699	PIMX8MQ6DVAJZAB	i.MX 8MQuad 17X17 no lid	FCPBGA621L	SOT1840-3	ASM

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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At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

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