



Customer Information Notification

202607018I : MCXE31x Datasheet, Reference Manual, Errata Update

Note: This notice is NXP Company
Proprietary.

Issue Date: Aug 21, 2026 **Effective Date:** Aug 22, 2026

Dear PCN EBV,

Here is your personalized communication about an NXP notification.
For detailed information we invite you to [view this notification online](#)

Management summary

The MCXE31x Documentations have been updated.

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	☐ Electrical spec./Test coverage
☐ Firmware ☒ Other: DataSheet and Reference Manual				

Notification Overview

Description

NXP Semiconductors announces that the MCX E315/316/317/31B Datasheet has been updated to new revision: Rev.4, MCXE31XRM Reference Manual has been updated to

new revision: Rev.3, MCXE31B_1P55A Errata has been updated to Rev. 1.3,
MCXE317_0P09C Errata has been updated to Rev. 1.2.

Changes are summarized below.

Data Sheet changes:

1. Update version number under title and add new package LQFP100 in package list in page1.
2. Add 100-pins LQFP package in “Table 1. MCX E31 chip’s feature comparison” in page5&6.
3. Add new part number in “Table 2. Ordering information” in page 6
4. Add 100-LQFP thermal data in “Table 7. Thermal characteristics” in page 10&11
5. Add 100-pin LQFP package drawing in package dimensions and update revision history in page75.

Reference Manual changes:

1. Revision update in page1.
2. Add LQFP100 IOMUX files in Chapter 1.2.1, in attachment list.

Errata:

1. Add new LQFP100 part number and update revision history in page1.

The updated MCXE31x Documentations can be found at:

<https://www.nxp.com/products/MCX-E31>

Reason

The MCXE31x Documentations have been updated to add new package LQFP100.

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 data sheet will be issued

Additional information

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:

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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.

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New 12NC	New Orderable Part Number	New Product Type	New Product Description	Product Line	Notes	STG	Mask Set	Quality Segment
935465391557	MCXE318MPB	MCXE318MPB	MCXE318 HDQFP172	HDQFP172	SOT1940-1	RFS	No					BLM1				C (Non Automotive)
935465372557	MCXE317MPB	MCXE317MPB	MCXE317 HDQFP172	HDQFP172	SOT1940-1	RFS	No					BLM1				C (Non Automotive)
935465371557	MCXE317MPA	MCXE317MPA	MCXE317 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465368557	MCXE316MPA	MCXE316MPA	MCXE316 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465366557	MCXE315MPA	MCXE315MPA	MCXE316 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465367557	MCXE316MLF	MCXE316MLF	MCXE316 LQFP48	(L)QFP48	SOT313-3	RFS	No					BLM1				C (Non Automotive)
935465361557	MCXE315MLF	MCXE315MLF	MCXE316 LQFP48	(L)QFP48	SOT313-3	RFS	No					BLM1				C (Non Automotive)
935467310557	MCXE318MLL	MCXE318MLL	MCXE318 LQFP100	(L)QFP100	SOT407-3	RFS	No					BLM1				C (Non Automotive)
935467311557	MCXE317MLL	MCXE317MLL	MCXE317 LQFP100	(L)QFP100	SOT407-3	RFS	No					BLM1				C (Non Automotive)