

Regards

Emma Tempest

emma.tempest@farnell.com

Senior Buyer

Asset Management



Canal Road

Armley

Leeds LS12 2TU

M 07341868142

www.farnell.com

From: noreply@nxp.com <noreply@nxp.com>

Sent: 02 April 2026 08:48

To: Tempest, Emma (Farnell Global) <Emma.Tempest@Farnell.com>

Subject: Quality Notification 202603021I: MCXE315/316/317/31B Datasheet Update to Rev3 has been distributed to customers



Customer Information Notification

202603021I : MCXE315/316/317/31B Datasheet Update to Rev3

Note: This notice is NXP Company
Proprietary.

Issue Date: Apr 06, 2026 **Effective Date:** Apr 07, 2026

Dear Emma Tempest,

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

Management summary

MCXE315/316/317/31B Datasheet Update to Rev3

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

Notification Overview

Description

NXP Semiconductors announces that the MCX E315/316/317/31B datasheet has been updated to new revision: Rev.3. The revision history included in the updated document provides a detailed description of the changes.

Changes are summarized below.

Data Sheet changes:

1. Update -40 °C to +135 °C temperature range to - 40 °C to +135 °C junction temperature range in Page1
2. Correct Ambient temperature range from -40 °C to 135 °C to -40 °C to 125 °C
3. Correct Ambient temperature from Max = 135 to Max = 125 in Table 5 Page 9
4. Correct comments 8,9 of Table 21 from Tj<150C to Tj<135C in Page 26
5. Correct Junction temperature monitoring range from -40 ~ 150C to -40 ~ 135C in Table 37 Page 51

6. Update certification status, from target SIL2 certification to IEC 61508 SIL2 certified in Page 1

The updated MCX E315/316/317/31B Datasheet Rev3 can be found at:

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

Reason

The MCX E315/316/317/31B Datasheet has been updated to correct Ta Max from 135C to 125C, Tj max description from 150C to 135C, update IEC 61508 SIL2 certified

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:

Name	Wayne Song
Position	Product Engineer
e-mail address	wayne.song@nxp.com

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.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

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

© 2006-2026 NXP Semiconductors. All rights reserved.

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	5TG	Mask Set	Quality Segment
935465361528	MCXE315MLFR	MCXE315MLFR	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)
935465366528	MCXE315MPAR	MCXE315MPAR	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)
935465367528	MCXE316MLFR	MCXE316MLFR	MCXE316 LQFP48	(L)QFP48	SOT313-3	RFS	No					BLM1				C (Non Automotive)
935465367557	MCXE316MLF	MCXE316MLF	MCXE316 LQFP48	(L)QFP48	SOT313-3	RFS	No					BLM1				C (Non Automotive)
935465368528	MCXE316MPAR	MCXE316MPAR	MCXE316 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465368557	MCXE316MPA	MCXE316MPA	MCXE316 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465371528	MCXE317MPAR	MCXE317MPAR	MCXE317 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465371557	MCXE317MPA	MCXE317MPA	MCXE317 HDQFP100	HDQFP100	SOT2045-1	RFS	No					BLM1				C (Non Automotive)
935465372528	MCXE317MPBR	MCXE317MPBR	MCXE317 HDQFP172	HDQFP172	SOT1940-1	RFS	No					BLM1				C (Non Automotive)
935465372557	MCXE317MPB	MCXE317MPB	MCXE317 HDQFP172	HDQFP172	SOT1940-1	RFS	No					BLM1				C (Non Automotive)
935465391528	MCXE318MPBR	MCXE318MPBR	MCXE318 HDQFP172	HDQFP172	SOT1940-1	RFS	No					BLM1				C (Non Automotive)
935465391557	MCXE318MPB	MCXE318MPB	MCXE318 HDQFP172	HDQFP172	SOT1940-1	RFS	No					BLM1				C (Non Automotive)