Customer Information Notification

202606028I : S32Z2, S32E2, S32G2, S32G3, MPC5746R, MPC5646B, MPC5746C, MPC5748G, MPC5777M, MPC5606S, MPC5645S, and MPC5668 Errata update

Note: This notice is NXP Company Proprietary.

Issue Date: Oct 04, 2026 **Effective Date:** Oct 05, 2026

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Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[X]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[ ]Firmware	[ ]Other			

Notification Overview

Description

NXP Semiconductors announces errata update for S32Z2, S32E2, S32G2, S32G3, MPC5746R, MPC5646B, MPC5746C, MPC5748G, MPC5777M, MPC5606S, MPC5645S,

and MPC5668 products associated with this notification.

S32Z2 mask set 0P91J errata will be updated from revision 3 to revision 4.
S32E2 mask set 0P91J errata will be updated from revision 3 to revision 4.
S32G2 mask set 1P77B errata will be updated from revision 1.4 to revision 1.5
S32G2 mask set 0P77B errata will be updated from revision 3.4 to revision 3.5
S32G3 mask set 1P72B errata will be updated from revision 2.5 to revision 2.6.
MPC5746R mask set 1N83M errata will be updated from revision 4 to revision 5.
MPC5646B mask set 0N32E and 0N40P errata will be updated from revision 30 SEP 2022 to revision 21 MAY 2026.
MPC5746C mask set 1N06M errata will be updated from revision 11 to revision 12.
MPC5746C mask set 1N84S errata will be updated from revision 8 to revision 9.
MPC5748G mask set 1N81M errata will be updated from revision 8 to revision 9.
MPC5748G mask set 0N78S errata will be updated from revision 7 to revision 8.
MPC5777M mask set 0N50N errata will be updated from revision 13 to revision 14.
MPC5606S mask set 1M25V errata will be updated from revision 7 to revision 8.
MPC5606S mask set 2M25V errata will be updated from revision 5 to revision 6.
MPC5645S mask set 0N29D errata will be updated from revision 30 JUL 2023 to revision 30 JUN 2026.
MPC5645S mask set 1N29D errata will be updated from revision 30 JUL 2023 to revision 30 JUN 2026.
MPC5668 mask set 0N61C errata will be updated from revision 28 FEB 2022 to revision 21 May 2026.
MPC5668 mask set 1M09S errata will be updated from revision 28 FEB 2022 to revision 21 May 2026.

The errata document provides a detailed description of the changes in history revision.

S32Z2 mask set 0P91J revision 4 errata documentation can be found at: https://www.nxp.com/products/S32Z2
S32E2 mask set 0P91J revision 4 errata documentation can be found at: https://www.nxp.com/products/S32E2
S32G2 mask set 1P77B revision 1.5 and 0P77B revision 3.5 errata documentation can be found at: https://www.nxp.com/products/S32G2
S32G3 mask set 1P72B revision 2.6 errata documentation can be found at: https://www.nxp.com/products/S32G3
MPC5746R mask set 1N83M revision 5 Errata documentation can be found at: https://www.nxp.com/products/MPC5746R
MPC5646B mask set 0N32E and 0N40P revision 21 MAY 2026 errata documentation can be found at: https://www.nxp.com/products/MPC564xB-C
MPC5746C mask set 1N06M revision 12 and mask set 1N84S revision 9 errata

documentation can be found at: https://www.nxp.com/products/MPC574xB-C-G
MPC5748G mask set 1N81M revision 9 and mask set 0N78S revision 8 errata documentation can be found at:: https://www.nxp.com/products/MPC574xB-C-G
MPC5777M mask set N50N revision 14 errata documentation can be found at: https://www.nxp.com/products/MPC5777M
MPC5606S mask set 1M25V revision 8 and mask set 2M25V revision 6 errata documentation can be found at:: https://www.nxp.com/products/MPC560xS
MPC5645S mask set 0N29D rand mask set 1N29D revision 30 JUN 2026 errata documentation can be found at: https://www.nxp.com/products/MPC564xS
MPC5668 mask set 0N61C and mask set 1M09S revision 21 May 2026 errata documentation can be found at: https://www.nxp.com/products/MPC5668G

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02

Reason

The errata have been updated to provide additional technical clarification on some device features.

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

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

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	Support Tickets
Position	NXP Support

e-mail address	http://www.nxp.com/support

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