



Customer Information Notification

202502015I : S32M24x and S32M27x Data Sheet and Reference Manual Update

Note: This notice is NXP Company
Proprietary.

Issue Date: Apr 11, 2025 **Effective Date:** Apr 12, 2025

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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 ☐ Errata

☐ Wafer Fab Location ☐ Assembly Location ☐ Packing/Shipping/Labeling ☐ Test Location ☐ Electrical spec./Test coverage

☐ Firmware ☒ Other: Data Sheet and Reference Manual Update

Notification Overview

Description

NXP Semiconductors announces an update of the Data Sheet and Reference Manual for S32M24x and S32M27x associated with this notification.

The Data Sheet of S32M2xx is updated from Rev3 to Rev6.

The Reference Manual of S32M24x is updated from Rev2 to Rev4.

The Reference Manual of S32M27x is updated from Rev1 to Rev4.

The revision history (Appendix) included in the updated document provides a detailed description of the changes.

S32M242 Data Sheet addendum is also included to provide extension information of Rev6 S32M2xx datasheet which includes IDD current values for S32M242 and S32M241.

The updated S32M24x and S32M27x Data Sheet and Reference Manual can be found at: <https://www.nxp.com/products/S32M2>

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

Reason

The Data Sheet and Reference Manuals have been updated to provide additional technical clarification.

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 Support Tickets

Position NXP Support

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

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NXP Quality Management Team.

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