



Customer Information Notification

201812016I

Issue Date: 24-Jan-2019

Effective Date: 25-Jan-2019

Dear *Product Change Notices Newark*,

Here's your personalized quality information concerning products Newark purchased from NXP. For detailed information we invite you to [view this notification online](#)

This notice is NXP Company Proprietary.



QUALITY

Change Category

- | | | | | |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Process | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer Fab Location | <input type="checkbox"/> Assembly Location | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input checked="" type="checkbox"/> Other - Safety Manual | | | |

MC9S12ZVxSM Safety Manual Update from Rev4 to Rev5

Description

NXP Semiconductors announces a Safety Manual update for the MC9S12ZVx Family from rev.4 to rev.5. The revision history included in the updated document provides a detailed description of the changes. Main changes are summarized below.

- 1.Added SM_1033 to section 3.3 - Clock Safety Mechanisms.
- 2.Added SM_1034 and SM_1035 to section 3.4 -Power Supply Safety Mechanisms
- 3.Updated SM_0051.
- 4.Added SM_1031, SM_1030, SM_1032, and SM_0039 to section 3.5 - Processing Unit Safety Mechanisms.
- 5.Added SM_1037 to section 3.3.
- 6.Added SM_1036 to section 3.7.

The MC9S12ZVx Family Safety Manual is attached to this notice, and can be found under User Guide section at:

S12ZVM MCUs

https://www.nxp.com/products/processors-and-microcontrollers/additional-processors-and-mcus/8-16-bit-mcus/16-bit-s12-magniv/s12zvm-mixed-signal-mcu-for-automotive-industrial-motor-control-applications:S12ZVM?tab=Documentation_Tab

S12ZVMA MCUs

https://www.nxp.com/products/processors-and-microcontrollers/additional-processors-and-mcus/8-16-bit-mcus/16-bit-s12-magniv/mixed-signal-mcu-for-automotive-industrial-motor-control-applications:S12ZVMA?tab=Documentation_Tab

S32ZVMB MCUs

https://www.nxp.com/products/processors-and-microcontrollers/additional-processors-and-mcus/8-16-bit-mcus/16-bit-s12-magniv/mixed-signal-mcu-for-automotive-industrial-motor-control-applications:S12ZVMB?tab=Documentation_Tab

S12ZVC MCUs

https://www.nxp.com/products/processors-and-microcontrollers/additional-processors-and-mcus/8-16-bit-mcus/16-bit-s12-magniv/s12zvc-mixed-signal-mcu-for-automotive-industrial-can-applications:S12ZVC?tab=Documentation_Tab

S12ZVL

https://www.nxp.com/products/processors-and-microcontrollers/additional-processors-and-mcus/8-16-bit-mcus/16-bit-s12-magniv/s12zvl-mixed-signal-mcu-for-automotive-industrial-lin-applications:S12ZVL?tab=Documentation_Tab

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-03

Reason

The Safety Manual has been updated to provide additional technical clarification on some device features.

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.

Additional information

Affected products and sales history information: see attached file

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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Position Product Engineer

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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