# Customer Information Notification | 201905010I

**Issue Date:** 28-Jun-2019
**Effective Date:** 29-Jun-2019

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online

**This notice is NXP Company Proprietary.**


**Change Category**

| | | | | |
|---|---|---|---|---|
| [ ] Wafer Fab Process | [ ] Assembly Process | [ ] Product Marking | [ ] Test Location | [ ] Design |
| [ ] Wafer Fab Materials | [ ] Assembly Materials | [ ] Mechanical Specification | [ ]Test Process | [ ] Errata |
| [ ] Wafer Fab Location | [ ] Assembly Location | [ ] Packing/Shipping/Labeling | [ ] Test Equipment | [X] Electrical spec./Test coverage |
| [ ] Firmware | [X] Other - Reference Manual and Data Sheet | | | |

## S12 MagniV Product Family Reference Manual and Datasheet Update

### Description

NXP Semiconductors announces Reference Manual and Datasheet update for the S12 MagniV Product Family. The revision history included in the updated documents provides a detailed description of the changes.

A file containing the summary of all changes to these documents is attached with this notification.

1. MC9S12ZVL update from revision 2.47 to revision 2.48.
The MC9S12ZVL Reference Manual and Datasheet revision 2.48 is attached to this notice and can be found at:
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

2. MC9S12ZVC update from revision 2.0 to revision 2.1
The MC9S12ZVC Reference Manual and Datasheet revision 2.1 is attached to this notice and can be found at:

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

3. MC9S12ZVMA32 update from revision 1.3 to revision 1.5
The MC9S12ZVMA32 Reference Manual and Datasheet revision 1.5 is attached to this notice and can be found at:
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

4. MC9S12ZVM update from revision 2.11 to revision 2.13
The MC9S12ZVM Reference Manual and Datasheet revision 2.13 is attached to this notice and can be found at:
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

5. MC9S12ZVMB update from revision 1.3 to revision 1.4
The MC9S12ZVMB Reference Manual and Datasheet revision 1.4 is attached to this notice and can be found at:
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

6. MC9S12VR update from revision 4.2 to revision 4.3 and MC9S12VRP update from revision 1.3 to revision 1.4
The MC9S12VR and MC9S12VRP Reference Manual and Datasheet are attached to this notice and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/additional-processors-and-mcus/8-16-bit-mcus/16-bit-s12-magniv/s12vr-mixed-signal-mcu-for-automotive-industrial-relay-based-motor-control:S12VR?tab=Documentation_Tab

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02/SEM-DS-03
**Reason**
The Reference Manual and Datasheet has been updated to correct errors and / or 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.
**Data Sheet Revision**
A new datasheet will be issued

## 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.

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.

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**Affected Part Numbers**

| | |
|---|---|
| S9S12VR64AF0MLCR | S912ZVC19F0MLF |
| S912ZVMAL3F0WLF | S912ZVML31F1WKF |
| S9S12ZVL32F0MLF | S9S12ZVLS3F0CFM |
| S912ZVC12F0MLFR | S912ZVMC25F1WKK |
| S912ZVML31F1WKH | S912ZVMC25F1MKK |
| S912ZVCA19F0MLF | S9S12VR32F0VLCR |
| S912ZVLA12F0MLF | S9S12VR32F0VLC |
| S9S12VR32F0MLCR | S9S12VR48AF0CLFR |
| S9S12VR32F0MLC | S9S12ZVLS3F0MFM |
| S9S12VR48AF0VLCR | S9S12ZVLS3F0MFMR |
| S9S12VR48AF0VLC | S912ZVML12F3WKH |
| S9S12ZVL32F0MLCR | S912ZVML32F3VKHR |
| S9S12ZVL32F0MLC | S912ZVMBA6F0MLF |
| S912ZVCA19F0MKH | S912ZVMBA6F0VLF |
| S9S12VR48AF0MLFR | S912ZVMBA6F0WLF |
| S9S12VR64AF0MLF | S9S12VRP64F0MLF |
| S9S12VR48AF0VLFR | S9S12VRP64F0VLF |
| S9S12VR48AF0VLF | S912ZVMAL3F0MLC |
| S9S12VR48AF0CLCR | S912ZVMAL3F0MLF |
| S9S12ZVL32F0VLFR | S9S12VR64AF0MLC |
| S9S12ZVL32F0VLF | |