



Customer Information Notification

202003004I

Issue Date: 11-Mar-2020
Effective Date: 12-Mar-2020

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.



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 - Data Sheet Update - Clarifications | | | |

VR500 Data Sheet
Update to Rev 10.0
(Clarification Only)

Description

NXP Semiconductors announces the data sheet update to revision 10.0 for the VR500 devices associated with this notification. The revision history included in the updated document provides a detailed description of the changes. Changes are summarized below.

Data Sheet Changes:

- Updated Features list on page 1: delete bullet description, "Auto qualified AEC Q100 grade 2". VR500 products are Industrial rated, not Automotive rated.

** Documentation change only for customer clarification - absolutely no changes to the device / product **

New VR500 rev 10.0 data sheet is attached to this notice, and can be found at:
<https://www.nxp.com/docs/en/data-sheet/MC34VR500.pdf>

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

Reason

The data sheet has been updated to delete the Features section description "Auto qualified AEC Q100 grade 2".

VR500 products are Industrial rated, not Automotive rated. Delete comment to avoid customer confusion.

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.

For specific questions on this notice or the products affected please contact our specialist directly:

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Position Applications Engineer
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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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| Changed Orderable Part# | Changed Part 12NC | Changed Part Number | Changed Part Description | Package Outline | Package Name | Status | Product Line |
|-------------------------|-------------------|---------------------|--------------------------|-----------------|--------------|--------|---------------------|
| MC34VR500V4ES | 935320767557 | MC34VR500V4ES | Quad Buck Reg | SOT684-18 | HVQFN56 | RFS | Safety & Power Mgmt |
| MC34VR500V7ES | 935320792557 | MC34VR500V7ES | Quad Buck Reg | SOT684-18 | HVQFN56 | RFS | Safety & Power Mgmt |
| MC34VR500V1ES | 935315493557 | MC34VR500V1ES | Quad Buck Reg | SOT684-18 | HVQFN56 | RFS | Safety & Power Mgmt |
| MC34VR500V5ES | 935316272557 | MC34VR500V5ES | Quad Buck Reg | SOT684-18 | HVQFN56 | RFS | Safety & Power Mgmt |
| MC34VR500V8ES | 935313052557 | MC34VR500V8ES | Quad Buck Reg | SOT684-18 | HVQFN56 | RFS | Safety & Power Mgmt |
| MC34VR500V6ES | 935318678557 | MC34VR500V6ES | Quad Buck Reg | SOT684-18 | HVQFN56 | RFS | Safety & Power Mgmt |