



Customer Information Notification

201804017I

Issue Date: 28-Apr-2018

Effective Date: 29-Apr-2018

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QUALITY

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	☒ Electrical spec./Test coverage
☐ Firmware	☐ Other			

S32V23x Data Sheet Update

Description

The Datasheet for S32V23x (Mask set 1N81U) devices has been updated from Rev 4 to Rev 5. Changes from Rev 4 to Rev 5 are summarized below and are also included in the Rev 5 revision history. The Rev 5 Data Sheet is attached to this notification.

- Removed footnote "Device qualification is not complete." from Table 23.
- Corrected "Operating Max Supply Voltage" for "3.3 V DGO Voltage Domain" in Table 3 to 3.6 V.
- Corrected Block diagram to add DRAM-ECC to MMDC_1 block.
- Updated the specs for VDD_LV_CORE in Table 6.
- Updated max values for TDRB and TERLB in Table 66.

The Datasheet document is accessible at link below:

https://www.nxp.com/products/processors-and-microcontrollers/arm-based-processors-and-mcus/s32-automotive-platform/vision-processor-for-front-and-surround-view-camera-machine-learning-and-sensor-fusion-applications:S32V234?tab=Documentation_Tab

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

Reason

The data sheet has been updated to correct errors and 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.

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Affected Part Numbers

FS32V234CMN1VUB

PS32V234CMN1AVUB