



## Customer Information Notification

201806030I

**Issue Date:** 29-Jul-2018

**Effective Date:** 30-Jul-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP.

For detailed information we invite you to view this notification online



# QUALITY

### Change Category

☐ Wafer Fab Process

☐ Wafer Fab Materials

☐ Wafer Fab Location

☐ Firmware

☐ Assembly Process

☐ Assembly Materials

☐ Assembly Location

☐ Product Marking

☐ Mechanical Specification

☐

Packing/Shipping/Labeling

☐ Test Location

☐ Test Process

☐ Test Equipment

☐ Design

☐ Errata

☒ Electrical spec./Test coverage

☒ Other - Safety Manual

S32K1XX General Market  
Datasheet, Reference Manual and  
Safety Manual Updates

### Description

NXP Semiconductor is announcing an update of Datasheet, Reference Manual and Safety Manual for the S32K1XX. The Datasheet will be updated from revision 7 to revision 8.

The Reference Manual will be updated from revision 7 to revision 8.

The Safety Manual will be updated from Rev 2 to Rev 3.

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

The updated documentation is attached to this notice or can be found at:

[https://www.nxp.com/products/processors-and-microcontrollers/arm-based-processors-and-mcus/s32-automotive-platform/32-bit-automotive-general-purpose-microcontrollers:S32K?fpsp=1&tab=Documentation\\_Tab&lang\\_cd=en](https://www.nxp.com/products/processors-and-microcontrollers/arm-based-processors-and-mcus/s32-automotive-platform/32-bit-automotive-general-purpose-microcontrollers:S32K?fpsp=1&tab=Documentation_Tab&lang_cd=en)

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02 and SEM-DS-03

### Reason

The Datasheet, Reference Manual and Safety Manual for S32K1XX family have 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.

### Data Sheet Revision

A new datasheet will be issued

## Disposition of Old Products

Documentation update. No depletion of inventory required.

### 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

FS32K144MNT0CLLT

FS32K144HAT0MLHT

FS32K148UJT0VLQT

FS32K148UJT0VLUT

FS32K148UJT0VMHT

FS32K142HAT0MLHT

FS32K144HAT0MMHT

FS32K144HRT0VMHR

FS32K144HAT0MLLT

FS32K146HAT0MLHT

FS32K146HAT0MLLT

FS32K146HAT0MLQT

FS32K142HAT0MLLT