



Customer Information Notification

201809014I

Issue Date: 10-Oct-2018

Effective Date: 11-Oct-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

☐ 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 Equipment

☐ Test

☒ Electrical spec./Test coverage

☐ Firmware

☒ Other - Safety manual

S32K1xx General Market Datasheet, Reference Manual Update to Rev9 and Safety Manual Update to Rev4

Description

NXP Semiconductors is announcing an update of Datasheet, Reference Manual and Safety Manual for the S32K1XX.

The Datasheet will be updated from revision 8 to revision 9.

The Reference Manual will be updated from revision 8 to revision 9.

The Safety Manual will be updated from Rev3 to Rev4.

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

The updated documentation is attached to this notice and 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

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.

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

Name Bin Zhao
Position Product Engineer
e-mail address alex.zhao@nxp.com

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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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
FS32K148UJTOVLQT	935360135557	FS32K148UJTOVLQT	S32K148 144 LQFP	SOT486-2	LQFP144	RFS	BL Auto Micro Processors
FS32K144HRT0VMHR	935363046518	FS32K144HRT0VMHR	S32K144, 100 MAPBGA	SOT1569-1	LBGA100	RFS	BL Auto Micro Processors
FS32K146HAT0MLLT	935369869557	FS32K146HAT0MLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	BL Auto Micro Processors
FS32K144HAT0MMHT	935372804557	FS32K144HAT0MMHT	S32K144, 100 MAPBGA	SOT1569-1	LBGA100	RFS	BL Auto Micro Processors
FS32K148UJTOVMHT	935361067557	FS32K148UJTOVMHT	S32K148 100 MAPBGA	SOT1569-1	LBGA100	ASM	BL Auto Micro Processors
FS32K146HAT0MLHT	935369868557	FS32K146HAT0MLHT	S32K146 32-bit MCU, ARM	SOT1699-1	QFP64	RFS	BL Auto Micro Processors
FS32K144HAT0MLLT	935363649557	FS32K144HAT0MLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	BL Auto Micro Processors
FS32K144HAT0MLHT	935347676557	FS32K144HAT0MLHT	S32K144 32-bit MCU, ARM	SOT1699-1	QFP64	RFS	BL Auto Micro Processors
FS32K142HAT0MLHT	935362249557	FS32K142HAT0MLHT	S32K142 32-bit MCU, ARM	SOT1699-1	QFP64	RFS	BL Auto Micro Processors
FS32K142HAT0MLLT	935362251557	FS32K142HAT0MLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	BL Auto Micro Processors
FS32K146HAT0MLQT	935369871557	FS32K146HAT0MLQT	S32K146 144 LQFP	SOT486-2	LQFP144	RFS	BL Auto Micro Processors
FS32K148UJTOVLUT	935360136557	FS32K148UJTOVLUT	S32K148 176 LQFP	SOT506-2	LQFP176	ASM	BL Auto Micro Processors
FS32K144MNT0CLLT	935347644557	FS32K144MNT0CLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	BL Auto Micro Processors