



Customer Information Notification

201905006I

Issue Date: 22-Jun-2019

Effective Date: 23-Jun-2019

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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 checked="" type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input type="checkbox"/> Other | | | |

S32K1xx General Market Datasheet, Reference Manual Update to Rev10

Description

NXP Semiconductors is announcing an update of Datasheet, Reference Manual for the S32K1xx family. The Datasheet will be updated from revision 9 to revision 10. The Reference Manual will be updated from revision 9 to revision 10.

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 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

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 Na Wang

Position Product Engineer

e-mail address na.wang@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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NXP Semiconductors

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
FS32K148UJT0VLQT	935360135557	FS32K148UJT0VLQT	S32K148 144 LQFP	SOT486-2	LQFP144	RFS	Auto Micro Processors
FS32K142HAT0MLHT	935362249557	FS32K142HAT0MLHT	S32K142 32-bit MCU, ARM	SOT1699-1	QFP64	RFS	Auto Micro Processors
FS32K142HAT0MLLT	935362251557	FS32K142HAT0MLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	Auto Micro Processors
FS32K116LAT0MLFT	935376052557	FS32K116LAT0MLFT	S32K116 32-bit MCU, ARM	SOT313-3	LQFP48	RFS	Auto Micro Processors
FS32K144HAT0MLLT	935363649557	FS32K144HAT0MLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	Auto Micro Processors
FS32K146HAT0MLLT	935369869557	FS32K146HAT0MLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	Auto Micro Processors
FS32K118LAT0MLFT	935377169557	FS32K118LAT0MLFT	S32K118, 48LQFP	SOT313-3	LQFP48	RFS	Auto Micro Processors
FS32K118LAT0MLHT	935377172557	FS32K118LAT0MLHT	S32K118, 64 LQFP	SOT1699-1	QFP64	RFS	Auto Micro Processors
FS32K144HAT0MMHT	935372804557	FS32K144HAT0MMHT	S32K144, 100 MAPBGA	SOT1569-1	LBGA100	RFS	Auto Micro Processors
FS32K146HAT0MMHT	935374768557	FS32K146HAT0MMHT	Cortex M4F, 1MB, 100MAPB	SOT1569-1	LBGA100	RFS	Auto Micro Processors
FS32K144HAT0MLHT	935347676557	FS32K144HAT0MLHT	S32K144 32-bit MCU, ARM	SOT1699-1	QFP64	RFS	Auto Micro Processors
FS32K144MFT0CLLT	935358205557	FS32K144MFT0CLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	Auto Micro Processors
FS32K144HRT0VMHR	935363046518	FS32K144HRT0VMHR	S32K144, 100 MAPBGA	SOT1569-1	LBGA100	RFS	Auto Micro Processors
FS32K146HAT0MLHT	935369868557	FS32K146HAT0MLHT	S32K146 32-bit MCU, ARM	SOT1699-1	QFP64	RFS	Auto Micro Processors
FS32K144MNT0CLLT	935347644557	FS32K144MNT0CLLT	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	Auto Micro Processors
FS32K148UJT0VLUT	935360136557	FS32K148UJT0VLUT	S32K148 176 LQFP	SOT506-2	LQFP176	RFS	Auto Micro Processors
FS32K146HAT0MLQT	935369871557	FS32K146HAT0MLQT	S32K146 144 LQFP	SOT486-2	LQFP144	RFS	Auto Micro Processors
FS32K116LAT0MFMT	935378709557	FS32K116LAT0MFMT	S32K116, M0+, Flash 128K	SOT617-3	HVQFN32	RFS	Auto Micro Processors
FS32K144HFT0VLLR	935347124528	FS32K144HFT0VLLR	S32K144 32-bit MCU, ARM	SOT407-3	LQFP100	RFS	Auto Micro Processors
FS32K148UJT0VMHT	935361067557	FS32K148UJT0VMHT	S32K148 100 MAPBGA	SOT1569-1	LBGA100	RFS	Auto Micro Processors