



Customer Information Notification

2022040181 : S32K3xx Datasheet and Reference Manual Update

Note: This notice is NXP Company Proprietary.

Issue Date: May 04, 2022 **Effective date:** May 05, 2022

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Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
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<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input checked="" type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input checked="" type="checkbox"/> Other: Reference Manual Update			

PCN Overview

Description

NXP Semiconductors announces an update of the Datasheet and Reference Manual for S32K344 257MAPBGA.

The Datasheet will be updated from Rev3 to Rev4.

The Reference Manual will be updated from Rev3 to Rev4.

The revision history (Appendix) included in the updated document provides a detailed description of the changes.

The updated S32K3xx Datasheet and Reference Manual can be found at:

<https://www.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/s32k-general-purpose-mcus/s32k3-microcontrollers-for-general-purpose:S32K3>

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

Reason

The Datasheet and Reference Manual have been updated to provide additional technical clarification.

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

Additional information

Additional documents: [view online](#)

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 NXP Tech Support
Position NXP Technical Support
e-mail address tech.support@nxp.com

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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line	Notes
S32K324EHT1VMMST	935430862557	S32K324EHT1VMMST	S32K324, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K344EHT1VMMST	935430864557	S32K344EHT1VMMST	S32K344,257MAP,Prod B/D	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K314EHT1MMMST	935432209557	S32K314EHT1MMMST	S32K344 Phantom, 257MAPB	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K344NHT1MMMST	935430865557	S32K344NHT1MMMST	S32K344, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K314EHT1VMMST	935430858557	S32K314EHT1VMMST	S32K314, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K324NHT1VMMST	935430863557	S32K324NHT1VMMST	S32K324, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K314NHT1MMMST	935432211557	S32K314NHT1MMMST	S32K344 Phantom, 257MAPB	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K344NHT1VMMST	935430866557	S32K344NHT1VMMST	S32K344, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K314NHT1VMMST	935430859557	S32K314NHT1VMMST	S32K314, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K324EHT1VMMSR	935430862518	S32K324EHT1VMMSR	S32K324, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K324NHT1MMMST	935434706557	S32K324NHT1MMMST	S32K324, 4MB flash, ARM	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K324EHT1MMMST	935438573557	S32K324EHT1MMMST	Dual core M7, 160MHz, 4M	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	
S32K344EHT1MMMST	935438574557	S32K344EHT1MMMST	Lockstep core M7, 160MHz	(L)FBGA257M	SOT1547-3	RFS	No					BLAG	