Customer Information Notification

202401010I : S32K1xx Reference Manual Update From Rev14 To Rev14.1

Note: This notice is NXP Company Proprietary.

Issue Date: Feb 03, 2024 **Effective date:** Feb 04, 2024

Here is your personalized notification about a NXP general announcement.
For detailed information we invite you to view this notification online

Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[ ]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[X]Firmware	[X]Other: Reference Manual			

PCN Overview

Description

NXP Semiconductors announces Reference Manual update for the S32K1xx from revision 14 to revision 14.1.
The revision history included in the updated document provides a details description of the changes.

For reference manual changes, please refer to S32K1xx Reference Manual Addendum Rev.1.
Please review Program Partition command and CMD_VERIFY_MAC change which is related to new Firmware feature update:
New firmware add user option to allow use of boot-protected keys when secure boot is disabled.
New firmware update VERIFY_MAC (+PGMPART) command to allow user-
configurable minimum MAC length.

The S32K1xx Reference Manual revision 14.1 is attached to this notification and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-microcontrollers/s32k-automotive-mcus/s32k1-microcontrollers-for-general-purpose:S32K1?tab=Documentation_Tab

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02, SEM-DS-03, SEM-DE-04.

Reason

The reference manual has 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
No impact to existing datasheet
Disposition of Old Products
Existing inventory will be shipped until depleted
For S32K148/K146/K144/K142/K118/K116, the firmware update will be effective starting date code 2409.
For S32K142W/S32K144W, the firmware update will be effective starting date code 2426.

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

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.
You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.
This message has been automatically distributed. Please do not reply.