Customer Information Notification

2021060008I : S32R274 Data Sheet Updates from Rev. 5 to Rev. 6 & Reference Manual from Rev. 5 to Rev. 5.1

Issue Date: Jul 23, 2021 **Effective date:** Sep 22, 2021

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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
[ ]Firmware	[X]Other: Data Sheet and Reference Manual Update			

PCN Overview

Description

NXP Semiconductors announces a data sheet update for S32R274 from Rev. 5 to Rev. 6 and Reference Manual update from Rev. 5 to Rev. 5.1. The release notes included in the updated documents provide a detail description of the changes.

Data sheet changes:
1. In Table 26, removed the IMDSDA_MM_OFF, SNDRSDA_MM_OFF and SNRSDA_MM_OFF symbols.

The S32R274 Data Sheet Rev. 6 is attached to this notice and can be found at:
https://www.nxp.com/docs/en/data-sheet/S32R274DS.pdf

Reference Manual Changes:
1. Addendum S32R274 RM_Rev5.1 had been added to Reference Manual.

The S32R274 Reference Manual Rev 5.1 is attached to this notice and can be found at:
https://www.nxp.com/webapp/Download?colCode=S32R274RM&location=null

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

Reason

Remove agreed feature and provide additional technical clarification on related feature.
Identification of Affected Products
Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

In ADC Control Register 1 (AFE_ADCCTRL1), changed the bit field value 1 of AFE_ADCCTRL1[MM_BYP] from " Mismatch shaper is bypassed" to "Reserved".
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:

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NXP Quality Management Team.
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Affected Part Numbers
FS32R274JSK2MMM
FS32R274JSK2MMMR
FS32R274KBK2MMM
FS32R274KBK2MMMR

FS32R274KBK2VMM
FS32R274KCK2MMM
FS32R274KCK2VMM
FS32R274KSK2MMM
FS32R274KSK2MMMR
FS32R274KSK2VMM
FS32R274VBK2MMM
FS32R274VBK2VMM
FS32R274VCK2MMM
FS32R274VCK2VMM