



## Customer Information Notification

201805013I

**Issue Date:** 27-Jun-2018  
**Effective Date:** 28-Jun-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

- |  |   |  |   |  |
|--|---|--|---|--|
| <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 checked="" 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              |  |   |  |

**S32R274 Reference Manual, Datasheet, and Errata Update**

### Description

NXP Semiconductors announces Reference Manual, Data Sheet, and Errata update for the S23R274 mask 2N58R. Each document provides a detailed description of the changes in the revision history.

Reference Manual update from Revision 3.1 to Revision 4  
Datasheet update from Revision 3.2 to Revision 4  
Errata update from Revision 1 to Revision 2

The new revision of the Reference Manual, Data Sheet, and Errata can be found at:  
[https://www.nxp.com/products/processors-and-microcontrollers/power-architecture-processors/mpc5xxx-55xx-32-bit-mcus/ultra-reliable-mpc57xx-32-bit-automotive-and-industrial-microcontrollers-mcus/s32r-radar-microcontroller-s32r27-automotive-industrial-radar-applications:S32R27?tab=Documentation\\_Tab](https://www.nxp.com/products/processors-and-microcontrollers/power-architecture-processors/mpc5xxx-55xx-32-bit-mcus/ultra-reliable-mpc57xx-32-bit-automotive-and-industrial-microcontrollers-mcus/s32r-radar-microcontroller-s32r27-automotive-industrial-radar-applications:S32R27?tab=Documentation_Tab)

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

### Reason

Reference Manual, Data Sheet, and Errata for the S23R274 mask 2N58R have been updated to provide additional technical clarification on some device features. Per Discontinuation Notification 201805003DN issued on 15June2018, part numbers FS32R274KBK2MMM/R and FS32R274KBK2VMM are removed from Revision 4 Reference Manual and Revision 4 Datasheet and replaced with FS32R274KSK2MMM/R and FS32R274KSK2VMM, respectively.

#### **Identification of Affected Products**

Top side marking

Part numbers listed in Table 2 of Revision 4 Datasheet with top side date code WW20 2018 (format xxx1820x) and later will comply to the SSCM module changes outlined in Appendix A.63.2 in the Revision 4 Reference Manual.

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

No impact on form, fit, function, reliability or quality.

Customers to assess potential hardware/software implications specific to device usage.

#### **Data Sheet Revision**

A new datasheet will be issued

#### **Disposition of Old Products**

Existing inventory will be shipped until depleted

#### **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** Ewan Harwood  
**Position** Applications Engineer  
**e-mail address** ewan.harwood@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
FS32R274KBK2MMM	935350813557	FS32R274KBK2MMM	2M Flash, 1.5MB SRAM, 2x	SOT1547-1	LFBGA257	RFS	BL Auto Micro Processors