



Customer Information Notification

2018010211

Issue Date: 28-Sep-2018
Effective Date: 29-Sep-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 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 | | | |

MPC5746R Data Sheet Rev. 6 Release

Description

NXP Semiconductors announces a data sheet update for the MPC5746R to revision 6. The revision history included in the updated document provides a detailed description of the changes.

Changes are summarized below.

Data sheet Changes:

1. Changed Freescale to NXP throughout the datasheet.
2. In Ordering information added rows for SPC5746RK1MLU3, SPC5745RK1MMT5 and SPC5743RK1MLU5.
3. In Table 3 added footnote in VDD_HV_PMC.
4. In Table 28 for the rowset CHV_FLA changed the Minimum and Typical values.

The MPC5746R data sheet revision 6 is attached to this notice, and 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/automotive-industrial-engine-management-mcu:MPC5746R?tab=Documentation_Tab

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

Reason

The MPC5746R Data Sheet has been updated with addition of SPC5746RK1MLU3, SPC5745RK1MMT5 and SPC5743RK1MLU5 in Ordering Information and minor updates for CHV_FLA and VDD_HV_PMC.

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 Brad Loane

Position NXP Automotive Microcontrollers and Processors Product Manager

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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

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Name	Status	Product Line
SPC5743RK1MLQ5	935324937557	SPC5743RK1MLQ5	32 BIT, 2M FLASH,200MHz	LQFP144	RFS	BL Auto Micro Processors
SPC5743RK1MLU5	935318672557	SPC5743RK1MLU5	2 x eTPU2+ 4M FLASH	LQFP176	RFS	BL Auto Micro Processors
SPC5746RK1MMT5	935318627557	SPC5746RK1MMT5	32 BIT 4MB FLASH	LFPGA252	RFS	BL Auto Micro Processors