



## Customer Information Notification

2017020271

**Issue Date:** 16-Mar-2017

**Effective Date:** 17-Mar-2017

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 checked="" 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

**MPC5748G, Maskset 0N78S  
Cut 3.0 Product Release**

### Information Notification

NXP Semiconductor is pleased to announce the launch of Cut3.0 design version for MPC5748G, maskset 0N78S. This includes the 176LQFP and 256MAPBGA package types.

MPC5748G Cut 3.0 0N78S is an enhancement to the existing MPC5748G Cut2 1N81M revision. This change adds the CAN-FD ISO/CD 11898-1: 2014-12-11 support as well as improvements to Ethernet, Ethernet Switch, and Low Power mode features. All changes were implemented to be backward compatible.

The device assembly and test sites remain unchanged in their current locations.

A Datasheet, Reference Manual, and Errata are also released to align with this launch. A full description of updates including new features, Errata, Firmware Revisions and Configuration changes can be found in the attachment.

The updated documents can be found at:

<http://www.nxp.com/assets/documents/data/en/data-sheets/MPC5748G.pdf>

[http://www.nxp.com/assets/documents/data/en/errata/MPC5748G\\_0N78S.pdf](http://www.nxp.com/assets/documents/data/en/errata/MPC5748G_0N78S.pdf)

### Why do we issue this Information Notification

As a courtesy for the introduction of this part to the marketplace.

### Identification of Affected Products

Top side marking

The device marking will change to indicate new mask set revision 0N78S

The Product Identification will change to a new orderable part number. Reference the ordering information table in the datasheet

## Impact

Improved functionality and enhanced feature set from previous revision.

### Data Sheet Revision

A new datasheet will be issued

### Disposition of Old Products

MPC5748G, maskset 1N81M Cut 2.0 will continue to run in production until further notice.

## 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** Paul Oates

**Position** Customer Program Management Automotive Microcontrollers and Processors

**e-mail address** paul.oates@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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NXP Semiconductors

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### **Parts Affected**

SPC5748GK1MKU6

SPC5748GGK1MMJ6

SPC5748GK1MKU6

SPC5748GK1MMJ6

SPC5748GK1MKU6

SPC5748GK1MMN6