Customer Information Notification

201811005I

Issue Date: 29-Nov-2018
Effective Date: 30-Nov-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

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

eXtreme Switch MC12XS6 and MC32XSG Device Family Data Sheet Updates: Introduction of New Part Numbers

Description

NXP Semiconductors announces data sheet updates for the eXtreme Switch products associated with this notification. New part number options are available with limited parametric modifications for MC12XS6 (automotive 12V) and MC32XSG (IMM 32V) device families. The revision history included in the updated documents provides a detailed description of the changes. Changes are summarized below.

Data Sheet Changes for New Part Number Additions Only:
1. Added note to Electrical Characteristics table, parameter RPULL
2. Added note to Electrical Characteristics table, parameter ROUT6 DWN

The new eXtreme Switch data sheets, summarized below, can be found attached to this notification and at the NXP.com product family web pages below.

MC12XS6Dx:
https://www.nxp.com/products/power-management/load-switches-and-drivers/high-side-switches/external-automotive-lighting-multichannel-extreme-switch:MC12XS6?tab=Documentation_Tab

MC32XSG:
https://www.nxp.com/products/power-management/load-switches-and-drivers/high-side-switches/industrial-multipurpose-32v-spi-controlled-smart-switch:MC32XSG?tab=Documentation_Tab

- MC12XS6D1 Rev 5.0
- MC12XS6D2 Rev 3.0

- MC12XS6D3 Rev 5.0
- MC12XS6D4 Rev 4.0
- MC32XSG Rev 3.0

PPAP documents associated with new part numbers are available upon request.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-03.
Reason
The data sheets have been updated to introduce new part numbers and make clear the modified electrical parameter values for these new part numbers only.
Identification of Affected Products
Product identification does not change on current running production devices.

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.

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.

View Notification	Subscription	Support

Affected Part Numbers

MC17XS6400BEK

MC08XS6421BEK

MC17XS6400CEKR2

MC17XSG500EK

MC17XS6500BEK