



Customer Information Notification

2020010211

Issue Date: 12-Feb-2020

Effective Date: 13-Feb-2020

Dear *Tracy Hoglin*,

Here's your personalized quality information concerning products Digi-Key purchased from NXP.
For detailed information we invite you to view this notification online

This notice is NXP Company Proprietary.



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 type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware | <input checked="" type="checkbox"/> Other - Datasheet Updates | | | |

MPC5777C Data Sheet Updates To Rev14

Description

NXP Semiconductors announces data sheet update for the MPC5777C from revision 13 to revision 14. The revision history included in the updated document provides a details description of the changes.

Data sheet changes:

- Page 24: In Table 17, updated the footnote from "TUE does not apply to differential conversions" to "TUE, Gain, and Offset specifications do not apply to differential conversions".
- Page 13: In Table 4, added Max value 120 uA for 40°C and 360 uA for 85°C for ISTBY.

The MPC5777C data sheet revision 14 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/ultra-reliable-mpc5777c-mcu-for-automotive-industrial-engine-management:MPC5777C?tab=Documentation_Tab

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

Reason

The data sheet has been updated to provide additional technical clarification.

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

Additional information

Affected products and sales history information: see attached file

Additional documents: [view online](#)

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.

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NXP Semiconductors

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Affected Orderable Part#

SPC5777CCK3MME3
SPC5777CK3MMO3
SPC5777CK3MME3
SPC5777CDK3MME3
SPC5775BDK3MME2
SPC5777CDK3MME4
SPC5777CDK3MMO4
SPC5775EDK3MME3
SPC5777CDK3MMO3

Affected Part 12NC

935315842557
935318909557
935320923557
935350948557
935371593557
935368231557
935368233557
935370091557
935350951557