



Customer Information Notification

201811016I

Issue Date: 21-Nov-2018
Effective Date: 22-Nov-2018

Dear *Emma Tempest*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from NXP.

For detailed information we invite you to [view this notification online](#).



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 - Safety Manual | | | |

MC3377x Safety Manual Updates

Description

NXP Semiconductors issues this notification to announce the release of a new version of safety manuals for MC3377x devices (MC33771A, MC33771B, MC33772A and MC33772B). Detailed changes can be tracked through the document revision history of each safety manual.

Among these changes, NXP would like to highlight precisions added on the timing of the CT open load detection (safety mechanism 02 from safety manual). On top of existing note in safety manual - reminding that it is up to customer responsibility to verify exact open load detection timing based on used configuration - a note has been added to mention that the timing indications are given for a maximum number of cells (i.e. 14 cells for MC33771, 6 cells for MC33772).

When used in a configuration with less than maximum cell count (e.g. 13 cells or less for MC33771, 5 cells or less for MC33772), and depending on the hardware configuration, open load detection can take longer than the timing given as indication.

Safety Manuals have been updated:

- MC33771A upgraded to revision N
- MC33771B upgraded to revision C
- MC33772A upgraded to revision I
- MC33772B upgraded to revision C

In order to comply with NDA requirements, updated documents are available upon request.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-03.

Reason

To announce the release of updated versions of safety manuals for MC3377x devices.

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

No impact to existing datasheet

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.

For specific questions on this notice or the products affected please contact our specialist directly:

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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.

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