



Customer Information Notification

201905033I

Issue Date: 12-Jun-2019
Effective Date: 13-Jun-2019

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 - Safety Manual | | | |

MC33771A, MC33771B,
SC33772A, MC33772B Safety
Manual Updates

Description

NXP Semiconductors announces Safety Manual updates for the Battery Cell Controller IC products associated with this notification. The revision history included in the updated documents provides a detailed description of the changes.

Among the changes, NXP would like to especially highlight the following items that avoid having, under certain application conditions, false alarms when running diagnostics. Please see the attached summary for all changed items.

Reference / Description

- SysRec 10 added: Cyclic conversion disabling before going to Diagnostic Mode
- SysRec 12 added: Reminder to disable Cell Balance before measuring cell voltages
- SM08 updated: Add SW deglitching of the clock frequency fault flag
- SM40 updated: Add a command in the SM40 sequence

Safety Manuals have been updated as follows:

- MC33771A updated to Safety Manual Revision O
- MC33771B updated to Safety Manual Revision D
- SC33772A updated to Safety Manual Revision J
- MC33772B updated to Safety Manual Revision D

New Safety Manual documents can be retrieved from NXP DocStore at: www.docstore.nxp.com

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

Reason

To announce the release of updated versions of Battery Cell Controller IC Safety Manuals - see attached for details.

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.

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](#)

[NXP](#) | [Privacy Policy](#) | [Terms of Use](#)

NXP Semiconductors

High Tech Campus, 5656 AG Eindhoven, The Netherlands

© 2006-2010 NXP Semiconductors. All rights reserved.

Affected Part Number

MC33771BSP1AE

MC33771BTA1AE

MC33772BTC0AE

MC33772BSP1AE

MC33772BTP1AE

MC33771BTP1AE

Changed Part 12NC

935349661557

935350632557

935363206557

935358985557

935359123557

935350893557