



## Customer Information Notification

202201016I : FS8400\_FS8500 Data Sheet Update Rev 9.0 (MC33FS8415GJ and MC33FS8415GY OTP Updates)

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Feb 02, 2022 **Effective date:**Feb 03, 2022

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<input type="checkbox"/> Firmware	<input checked="" type="checkbox"/> Other: Data Sheet Update (OTP Updates with Technical Corrections)			

## PCN Overview

### Description

NXP Semiconductors announces the FS84\_FS85C data sheet update to revision 9.0 for the FS8400\_FS8500 Family of Fail-Safe System Basis Chip devices associated with this notification. Changes include the update of MC33FS8415GJ and MC33FS8415GY OTP configurations with technical corrections. The revision history included in the updated document provides a detailed description of the changes.

FS84\_FS85C Data Sheet Revision 9.0 Summary of Changes:

- Section 4.1: revised Regulator assigned to VDDIO for column titled "MC33FS8415GJ" and "MC33FS8415GY" from "LOD2" to "VPRE".
- Section 4.2: revised MC33FS8415GJ and MC33FS8415GY OTP configuration parameters. See data sheet revision history for details.

New FS84\_FS85C revision 9.0 data sheet can be obtained from:

[https://www.nxp.com/webapp/sps/download/mod\\_download.jsp?colCode=FS84\\_FS85C&appType=moderatedWithoutFAE](https://www.nxp.com/webapp/sps/download/mod_download.jsp?colCode=FS84_FS85C&appType=moderatedWithoutFAE)

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

### Reason

The data sheet has been updated for MC33FS8415GJ and MC33FS8415GY OTP configuration parameters, including correction of VMON setting to avoid marginality of false OV/UV detection, and enable VMON4 impact to PGOOD and ABIST1.

### 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

## Contact and Support

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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.

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NXP Quality Management Team.

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<b><u>Affected Orderable Part#</u></b>	<b><u>12NC</u></b>
MC33FS8400G0ES	935410413557
MC33FS8400G0ESR2	935410413528
MC33FS8400G0KS	935423205557
MC33FS8400G0KSR2	935423205528
MC33FS8400G5ES	935377649557
MC33FS8400G5ESR2	935377649528
MC33FS8400G5KS	935423212557
MC33FS8400G5KSR2	935423212528
MC33FS8405G0ES	935410415557
MC33FS8405G0ESR2	935410415528
MC33FS8405G0KS	935423214557
MC33FS8405G0KSR2	935423214528
MC33FS8410G0ESR2	935410417528
MC33FS8410G0ES	935410417557
MC33FS8410G0KS	935423207557
MC33FS8410G0KSR2	935423207528
MC33FS8410G3ES	935377647557
MC33FS8410G3ESR2	935377647528
MC33FS8410G3KSR2	935423192528
MC33FS8410G3KS	935423192557
MC33FS8410G6ES	935377652557
MC33FS8410G6ESR2	935377652528
MC33FS8410G6KS	935423194557
MC33FS8410G6KSR2	935423194528

MC33FS8415G0ES	935410419557
MC33FS8415G0ESR2	935410419528
MC33FS8415G0KSR2	935423209528
MC33FS8415G0KS	935423209557
MC33FS8415GJESR2	935426532528
MC33FS8415GJES	935426532557
MC33FS8415GJKS	935427881557
MC33FS8415GJKSR2	935427881528
MC33FS8415GYESR2	935426937528
MC33FS8415GYES	935426937557
MC33FS8415GYKSR2	935427807528
MC33FS8415GYKS	935427807557
MC33FS8420G0ES	935410422557
MC33FS8420G0ESR2	935410422528
MC33FS8420G0KS	935423216557
MC33FS8420G0KSR2	935423216528
MC33FS8425G0ESR2	935410704528
MC33FS8425G0ES	935410704557
MC33FS8425G0KS	935423218557
MC33FS8425G0KSR2	935423218528
MC33FS8430G0ESR2	935377488528
MC33FS8430G0ES	935377488557
MC33FS8430G0KS	935423196557
MC33FS8430G0KSR2	935423196528
MC33FS8430G1ES	935377643557
MC33FS8430G1ESR2	935377643528
MC33FS8430G1KS	935423198557
MC33FS8430G1KSR2	935423198528
MC33FS8430G2ESR2	935377645528
MC33FS8430G2ES	935377645557
MC33FS8430G2KS	935423201557
MC33FS8430G2KSR2	935423201528
MC33FS8430G4ESR2	935378137528
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MC33FS8430G4KSR2	935423203528
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MC33FS8435G0ESR2	935410706528
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MC33FS8435G0KS	935423221557
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MC33FS8500A0KS	935422842557
MC33FS8500A0KSR2	935422842528
MC33FS8510A0ESR2	935403813528
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MC33FS8510A0KSR2	935422844528
MC33FS8510A0KS	935422844557

MC33FS8510A2ESR2	935377484528
MC33FS8510A2ES	935377484557
MC33FS8510A2KSR2	935422831528
MC33FS8510A2KS	935422831557
MC33FS8510D3ES	935397679557
MC33FS8510D3ESR2	935397679528
MC33FS8510D3KSR2	935422833528
MC33FS8510D3KS	935422833557
MC33FS8520A0ESR2	935410578528
MC33FS8520A0ES	935410578557
MC33FS8520A0KS	935422828557
MC33FS8520A0KSR2	935422828528
MC33FS8530A0ES	935358751557
MC33FS8530A0ESR2	935358751528
MC33FS8530A0KSR2	935422835528
MC33FS8530A0KS	935422835557
MC33FS8530A1ESR2	935377479528
MC33FS8530A1ES	935377479557
MC33FS8530A1KS	935422837557
MC33FS8530A1KSR2	935422837528
MC33FS8530A4ESR2	935380403528
MC33FS8530A4ES	935380403557
MC33FS8530A4KS	935422839557
MC33FS8530A4KSR2	935422839528