



Customer Information Notification

2024040261 : FS23 Data Sheet and FMEDA Updates (Technical Clarifications / Corrections)

Note: This notice is NXP Company Proprietary.

Issue Date: Jul 11, 2024 **Effective Date:** Jul 12, 2024

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Change Category

☐ Wafer Fab Process	☐ Assembly Process	☐ Product Marking	☐ Test Process	☐ Design
☐ Wafer Fab Materials	☐ Assembly Materials	☐ Mechanical Specification	☐ Test Equipment	☐ Errata
☐ Wafer Fab Location	☐ Assembly Location	☐ Packing/Shipping/Labeling	☐ Test Location	☐ Electrical spec./Test coverage
☐ Firmware	☒ Other: Data Sheet and FMEDA Updates (Technical Clarifications / Corrections)			

Notification Overview

Description

NXP Semiconductors announces the FS23 data sheet update to revision 6.0, and FMEDA updates to revisions 2.0 and 3.0, for the FS23 Family of Safety System Basis Chip devices associated with this notification. Please see the revision history included in the updated documents for a detailed description of the changes.

New FS23 Data Sheet revision 6.0 may be obtained from the secure NXP portal:
<https://www.nxp.com/webapp/sd/collateral/1718161463038716487672?version=6.0>

New FS23 FMEDA revisions 2.0 and 3.0 may be obtained from the secure NXP portal:
<https://www.nxp.com/webapp/sd/collateral/1719872865073689675028?version=2.0>
<https://www.nxp.com/webapp/sd/collateral/1719872259879733577678?version=3.0>

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

Reason

The Data Sheet and FMEDA documents have been updated for technical clarifications and corrections. The revision history included in the updated documents provides a detailed description of the changes.

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 data sheet will be issued

Additional information

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:

Name	Lucie Hernandez
Position	Systems and Applications Engineering
e-mail address	lucie.hernandez@nxp.com

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NXP Quality Management Team.

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NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
935453649557	MFS2300BMBAOEP	MFS2300BMBAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453649528	MFS2300BMBAOEPR2	MFS2300BMBAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462157557	MFS2300BMMMAOEP	MFS2300BMMMAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462157528	MFS2300BMMMAOEPR2	MFS2300BMMMAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462166557	MFS2301BMBAOEP	MFS2301BMBAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462166528	MFS2301BMBAOEPR2	MFS2301BMBAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463446557	MFS2301BMBACEP	MFS2301BMBACEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463446528	MFS2301BMBACEPR2	MFS2301BMBACEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462281557	MFS2301BMMMAOEP	MFS2301BMMMAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462281528	MFS2301BMMMAOEPR2	MFS2301BMMMAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462423557	MFS2302BMBAOEP	MFS2302BMBAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462423528	MFS2302BMBAOEPR2	MFS2302BMBAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462164557	MFS2302BMMMAOEP	MFS2302BMMMAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462164528	MFS2302BMMMAOEPR2	MFS2302BMMMAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462171557	MFS2303BMBAOEP	MFS2303BMBAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462171528	MFS2303BMBAOEPR2	MFS2303BMBAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453652557	MFS2303BMBBA3EP	MFS2303BMBBA3EP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453652528	MFS2303BMBBA3EPR2	MFS2303BMBBA3EPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462451557	MFS2303BMMMAOEP	MFS2303BMMMAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462451528	MFS2303BMMMAOEPR2	MFS2303BMMMAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463455557	MFS2303BMMMA4EP	MFS2303BMMMA4EP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463455528	MFS2303BMMMA4EPR2	MFS2303BMMMA4EPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463439557	MFS2303BMMMA9EP	MFS2303BMMMA9EP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463439528	MFS2303BMMMA9EPR2	MFS2303BMMMA9EPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462284557	MFS2304BMBAOEP	MFS2304BMBAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462284528	MFS2304BMBAOEPR2	MFS2304BMBAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463311557	MFS2304BMMMAOEP	MFS2304BMMMAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463311528	MFS2304BMMMAOEPR2	MFS2304BMMMAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462233557	MFS2305BMBAOEP	MFS2305BMBAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462233528	MFS2305BMBAOEPR2	MFS2305BMBAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462618557	MFS2305BMMMAOEP	MFS2305BMMMAOEP	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462618528	MFS2305BMMMAOEPR2	MFS2305BMMMAOEPR2	FS23 LDO	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453654557	MFS2320BMBAOEP	MFS2320BMBAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453654528	MFS2320BMBAOEPR2	MFS2320BMBAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453656557	MFS2320BMBB1EP	MFS2320BMBB1EP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935453656528	MFS2320BMBB1EPR2	MFS2320BMBB1EPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462175557	MFS2320BMMMAOEP	MFS2320BMMMAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462175528	MFS2320BMMMAOEPR2	MFS2320BMMMAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462305557	MFS2321BMBAOEP	MFS2321BMBAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462305528	MFS2321BMBAOEPR2	MFS2321BMBAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935459495557	MFS2321BMBB2EP	MFS2321BMBB2EP	FS2300	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935459495528	MFS2321BMBB2EPR2	MFS2321BMBB2EPR2	FS2300	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462179557	MFS2321BMMMAOEP	MFS2321BMMMAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462179528	MFS2321BMMMAOEPR2	MFS2321BMMMAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462603557	MFS2322BMBAOEP	MFS2322BMBAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462603528	MFS2322BMBAOEPR2	MFS2322BMBAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463957557	MFS2322BMBAGEP	MFS2322BMBAGEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463957528	MFS2322BMBAGEPR2	MFS2322BMBAGEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462185557	MFS2322BMMMAOEP	MFS2322BMMMAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462185528	MFS2322BMMMAOEPR2	MFS2322BMMMAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462605557	MFS2323BMBAOEP	MFS2323BMBAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462605528	MFS2323BMBAOEPR2	MFS2323BMBAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935460941557	MFS2323BMBBA1EP	MFS2323BMBBA1EP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935460941528	MFS2323BMBBA1EPR2	MFS2323BMBBA1EPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935457556557	MFS2323BMBBA5EP	MFS2323BMBBA5EP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935457556528	MFS2323BMBBA5EPR2	MFS2323BMBBA5EPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463953557	MFS2323BMBB7EP	MFS2323BMBB7EP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463953528	MFS2323BMBB7EPR2	MFS2323BMBB7EPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463557557	MFS2323BMBBFEP	MFS2323BMBBFEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463557528	MFS2323BMBBFEP2	MFS2323BMBBFEP2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462235557	MFS2323BMMMAOEP	MFS2323BMMMAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462235528	MFS2323BMMMAOEPR2	MFS2323BMMMAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463436557	MFS2323BMMMA2EP	MFS2323BMMMA2EP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935463436528	MFS2323BMMMA2EPR2	MFS2323BMMMA2EPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462307557	MFS2324BMBAOEP	MFS2324BMBAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462307528	MFS2324BMBAOEPR2	MFS2324BMBAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462183557	MFS2324BMMMAOEP	MFS2324BMMMAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462183528	MFS2324BMMMAOEPR2	MFS2324BMMMAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462309557	MFS2325BMBAOEP	MFS2325BMBAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462309528	MFS2325BMBAOEPR2	MFS2325BMBAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462521557	MFS2325BMMMAOEP	MFS2325BMMMAOEP	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4
935462521528	MFS2325BMMMAOEPR2	MFS2325BMMMAOEPR2	FS23 DCDC	H(V)QFN48WF	SOT619-27(D)	RFS	No	BLC4