



## Customer Information Notification

202204005I : FS4500 - FS6500 ASIL D FMEDA Updates (Technical Corrections and Clarifications)

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

**Issue Date:** May 26, 2022 **Effective date:** May 27, 2022

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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 Process   | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials   | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test Equipment | <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 Location  | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware            | <input checked="" type="checkbox"/> Other: FMEDA Updates for Technical Corrections and Clarifications |  |   |   |

## PCN Overview

### Description

NXP Semiconductors announces FMEDA updates for the FS4500/FS6500 and 35FS4500/35FS6500 ASIL D family system basis chip (SBC) products associated with this notification. The revision history included in the updated documents provides a detailed description of the changes.

\*\* Documentation changes only for technical corrections, clarifications and formatting - absolutely no changes to the device / product \*\*

New FS4500 and FS6500 FMEDA ASIL D Grade 1 Rev 1.4 (Doc ID: SA550814) can be accessed from NXP's secure portal: <https://www.nxp.com/webapp/sd/collateral/1650040910337714750069?version=1.4>

New FS4500 and FS6500 FMEDA ASIL D Grade 0 Rev 0.5 (Doc ID: FM671905) can be accessed from NXP's secure portal: <https://www.nxp.com/webapp/sd/collateral/1650040103349720241964?version=0.5>

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

### Reason

The FMEDAs have been updated for technical corrections and clarifications.

### 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

### 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:

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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line	Notes
MC35FS4500CAER2	935360432528	MC35FS4500CAER2	FS4500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS4500CAE	935360432557	MC35FS4500CAE	FS4500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS4500HAER2	935380901528	MC35FS4500HAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4500HAE	935380901557	MC35FS4500HAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4500NAER2	935360434528	MC35FS4500NAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4500NAE	935360434557	MC35FS4500NAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4501CAE	935360512557	MC35FS4501CAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4501CAER2	935360512528	MC35FS4501CAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4501NAE	935360514557	MC35FS4501NAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4501NAER2	935360514528	MC35FS4501NAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4502CAER2	935360441528	MC35FS4502CAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4502CAE	935360441557	MC35FS4502CAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4502NAE	935360443557	MC35FS4502NAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4502NAER2	935360443528	MC35FS4502NAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4503CAE	935360445557	MC35FS4503CAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4503CAER2	935360445528	MC35FS4503CAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
PC35FS4503CAE	935337467699	PC35FS4503CAE	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS4503NAER2	935360447528	MC35FS4503NAER2	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS4503NAE	935360447557	MC35FS4503NAE	FS4500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
PC35FS6500CAE	935337468557	PC35FS6500CAE	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6500CAE	935334134557	MC35FS6500CAE	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6500CAER2	935334134528	MC35FS6500CAER2	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6500NAE	935360707557	MC35FS6500NAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6500NAER2	935360707528	MC35FS6500NAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6501CAE	935362499557	MC35FS6501CAE	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6501CAER2	935362499528	MC35FS6501CAER2	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6501NAER2	935362502528	MC35FS6501NAER2	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6501NAE	935362502557	MC35FS6501NAE	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6502CAER2	935360709528	MC35FS6502CAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6502CAE	935360709557	MC35FS6502CAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6502NAE	935360592557	MC35FS6502NAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6502NAER2	935360592528	MC35FS6502NAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6503CAER2	935360594528	MC35FS6503CAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6503CAE	935360594557	MC35FS6503CAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6503NAER2	935360596528	MC35FS6503NAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6503NAE	935360596557	MC35FS6503NAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6510CAER2	935360598528	MC35FS6510CAER2	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6510CAE	935360598557	MC35FS6510CAE	FS6500	H(L)QFP48	SOT1571-1	ASM	No					BLC4	
MC35FS6510NAER2	935360605528	MC35FS6510NAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6510NAE	935360605557	MC35FS6510NAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6511CAER2	935360607528	MC35FS6511CAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6511CAE	935360607557	MC35FS6511CAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6511NAE	935360609557	MC35FS6511NAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6511NAER2	935360609528	MC35FS6511NAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6512CAE	935360612557	MC35FS6512CAE	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6512CAER2	935360612528	MC35FS6512CAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	
MC35FS6512NAER2	935360614528	MC35FS6512NAER2	FS6500	H(L)QFP48	SOT1571-1	RFS	No					BLC4	



