



Customer Information Notification

202204019I : PF502x Functional Safety Manual Update Rev 2.0 (Technical Clarifications and Corrections)

Note: This notice is NXP Company Proprietary.

Issue Date: May 04, 2022 **Effective date:**May 05, 2022

Here is your personalized notification about a NXP general announcement.
For detailed information we invite you to [view this notification online](#)

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: Functional Safety Manual Update (Clarifications and Corrections) | | | |

PCN Overview
Description

NXP Semiconductors announces the Functional Safety Manual update to Revision 2.0 for the PF502x Power Management Integrated Circuit products associated with this notification.

Please see the revision history included in the updated document for a detailed description of the changes.

New PF502x Functional Safety Manual Rev 2.0 (Document ID UM11133) can be accessed from the NXP secure DocStore portal: <https://www.docstore.nxp.com/products/product-hierarchy?path=/content/docstore/product-hierarchy/Power-Management/PF502x-Family-/Safety&folderuuid=ee1d873c-7c2b-421f-8e39-7ceee21b3bd8#button-filter-group-kind:selected=.objectMetadata|paging:currentPage=0|paging:number=12>

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

Reason

The Functional Safety Manual has been updated for technical clarifications and corrections only.

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

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
MPF5020AMBA0ESR2	935379663528	MPF5020AMBA0ESR2	PF5020	H(V)QFN40WF	SOT618-14	RFS	No					BLC4	
MPF5020CMBA0ES	935428809557	MPF5020CMBA0ES	PF5020	H(V)QFN40WF	SOT618-17(D)	RFS	No					BLC4	
MPF5020CMBA0ESR2	935428809528	MPF5020CMBA0ESR2	PF5020	H(V)QFN40WF	SOT618-17(D)	RFS	No					BLC4	
MPF5023AMBA0ESR2	935394735528	MPF5023AMBA0ESR2	PF5023	H(V)QFN40WF	SOT618-14	RFS	No					BLC4	
MPF5023CMBA0ES	935429306557	MPF5023CMBA0ES	PF5023	H(V)QFN40WF	SOT618-17(D)	RFS	No					BLC4	
MPF5023CMBA0ESR2	935429306528	MPF5023CMBA0ESR2	PF5023	H(V)QFN40WF	SOT618-17(D)	RFS	No					BLC4	
MPF5024AMBA0ES	935377383557	MPF5024AMBA0ES	PF5024	H(V)QFN40WF	SOT618-14	RFS	No					BLC4	
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MPF5024BMBA0ES	935381708557	MPF5024BMBA0ES	PF5024	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
MPF5024BMBA0ESR2	935381708528	MPF5024BMBA0ESR2	PF5024	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
MPF5024CMBA0ES	935433018557	MPF5024CMBA0ES	PF5024	H(V)QFN40WF	SOT618-17(D)	RFS	No					BLC4	
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PC33PF5020C0ESR2	935375677697	PC33PF5020C0ESR2	PF5020	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
PC33PF5020M0ES	935368528557	PC33PF5020M0ES	PF5020	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
PC33PF5020M0ESR2	935368528528	PC33PF5020M0ESR2	PF5020	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
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PPF5020AMBA4ES	935386332699	PPF5020AMBA4ES	PF5020	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
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PPF5020AMBACES	935432051699	PPF5020AMBACES	PF5020, WF QFN6x6	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
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PPF5020AMBADES	935432054699	PPF5020AMBADES	PF5020, WF QFN6x6	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
PPF5020AMBADES2	935432054697	PPF5020AMBADES2	PF5020, WF QFN6x6	H(V)QFN40WF	SOT618-14	ASM	No					BLC4	
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PPF5020CMBA4ES	935427186699	PPF5020CMBA4ES	PF5020	H(V)QFN40WF	SOT618-17(D)	ASM	No						BLC4	
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PPF5023AMBA5ES	935419024699	PPF5023AMBA5ES	PF5023	H(V)QFN40WF	SOT618-14	ASM	No						BLC4	
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