



## Customer Information Notification

2021090331 : PF1550 Data Sheet Update Rev 7.0 (Technical Clarifications / Corrections)

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

**Issue Date:** Oct 01, 2021 **Effective date:** Oct 02, 2021

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### 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: Data Sheet Update for Technical Clarifications / Corrections			

## PCN Overview

### Description

NXP Semiconductors announces the data sheet update to revision 7.0 for the PF1550 Power Management IC products associated with this notification.  
The revision history included in the updated document provides a detailed description of the changes.

PF1550 Data Sheet Rev 7.0 Change Summary:

1. Global: replaced "BAT\_SNS" by "BATT\_SNS"
2. Figure 16: replaced "BAT\_SNS=0x09" by "BATT\_SNS=0X05"
3. Section 8.9.4: replaced "BAT\_SNS=0x09" by "BATT\_SNS=0X05"
4. Table 152: updated the description for BAT\_OK ("BAT\_SNS = 0x06 or 0x07 or 0x09" replaced by "BATT\_SNS = 0x02 or 0x05 or 0x06", and "BAT\_SNS ≠ 0x06 or 0x07 or 0x09" replaced by "BATT\_SNS ≠ 0x02 or 0x05 or 0x06")
5. Table 152: updated the description for BAT2SOC\_OK (replaced "BATT\_SNS Bit 5 = 0b1" by "BATTOC\_SNS bit = 1")

New PF1550 data sheet revision 7.0 is attached to this notice, and can be accessed at: <https://www.nxp.com/docs/en/data-sheet/PF1550.pdf>

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

### Reason

The data sheet has been updated to correct errors and / or provide additional technical clarification on some device features.

### 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

### 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
PC32PF1550A0EP	935316131699	PC32PF1550A0EP	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
MC32PF1550A0EP	935316132557	MC32PF1550A0EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
MC32PF1550A0EPR2	935316132528	MC32PF1550A0EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
PC32PF1550A0EPR2	935316131697	PC32PF1550A0EPR2	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
PC32PF1550A1EP	935313163699	PC32PF1550A1EP	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
MC32PF1550A1EP	935313164557	MC32PF1550A1EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
PC32PF1550A1EPR2	935313163697	PC32PF1550A1EPR2	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
MC32PF1550A1EPR2	935313164528	MC32PF1550A1EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
MC32PF1550A2EPR2	935313148528	MC32PF1550A2EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
PC32PF1550A2EPR2	935313149697	PC32PF1550A2EPR2	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
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MC32PF1550A3EPR2	935313147528	MC32PF1550A3EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
PC32PF1550A3EP	935313146699	PC32PF1550A3EP	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
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PC32PF1550A4EPR2	935318808697	PC32PF1550A4EPR2	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
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PC32PF1550A4EP	935318808699	PC32PF1550A4EP	PF1550	H(V)QFN40	SOT1369-4	ASM	No					BLC4	
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MC32PF1550A6EP	935370635557	MC32PF1550A6EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
MC32PF1550A7EPR2	935370637528	MC32PF1550A7EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No					BLC4	
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MC34PF1550A0EP	935316139557	MC34PF1550A0EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
MC34PF1550A0EPR2	935316139528	MC34PF1550A0EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
MC34PF1550A1EPR2	935320821528	MC34PF1550A1EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
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MC34PF1550A2EP	935318731557	MC34PF1550A2EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
MC34PF1550A2EPR2	935318731528	MC34PF1550A2EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
MC34PF1550A3EP	935322411557	MC34PF1550A3EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
MC34PF1550A3EPR2	935322411528	MC34PF1550A3EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
MC34PF1550A4EPR2	935322486697	MC34PF1550A4EPR2	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
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PC34PF1550A4EP	935322487699	PC34PF1550A4EP	PF1550	H(V)QFN40	SOT1369-4	ASM	No						BLC4
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MC34PF1550A8EP	935377839557	MC34PF1550A8EP	PF1550	H(V)QFN40	SOT1369-4	RFS	No						BLC4
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PC34PF1550AXEP	935332523699	PC34PF1550AXEP	PF1550	H(V)QFN40	SOT1369-4	ASM	No						BLC4