Customer Information Notification

202104033I : PCF8551 Datasheet 9 Clock Pulses after Power-On Requirement

Note: This notice is NXP Company Proprietary.

Issue Date: Apr 23, 2021 **Effective date:Apr 30, 2021**

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Management summary

Updated sections 7.3 "Starting and Resetting the PCF8551", 7.3.2 "Power-On Reset (POR)" and 15.1 "Power-on Reset" of the Datasheet, to ensure
the users send nine clock pulses immediately after power-on (see also UM10204) for the proper device operation; if the POR does not work properly.

Change Category

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[ ]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[X]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[ ]Firmware	[ ]Other			

PCN Overview

Description

7.3 Starting and Resetting the PCF8551
Added "See also application information" comment.

7.3.2 Power-On Reset (POR)
Added "The bus interface is initialized" comment.

15.1 Power-on Reset
The built-in POR block acts on the rising edge of the VDD supply voltage. Depending on the VDD rising edge in the application, the POR may not
work properly. Therefore to ensure proper device operation it is required to send nine clock pulses immediately after power-on (see also UM10204).

Reason

The intend of these updates is to ensure that the customers send nine clock pulses immediately after power-on (see also UM10204) for the proper device operation; if the POR does not work properly.

Identification of Affected Products

Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

Customer must send nine clock pulses immediately after power-on (see also UM10204) for the proper device operation; if the POR does not work properly.

Data Sheet Revision

A new datasheet will be issued

Disposition of Old Products
Existing inventory will be shipped until depleted
The Datasheet changes won't affect the PCF8551 product inventory.

Remarks

The PCF8551 device functionality won't be affected by these changes.

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.

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Affected OPN	12NC
PCF8551ATT/AJ	935304761118
PCF8551ATT/AY	935304761518
PCF8551BTT/AJ	935305822118
PCF8551BTT/AY	935305822518