



Customer Information Notification

2025060201 : PCF85063A and PCA85063A Datasheets Update

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 18, 2025 **Effective Date:** Dec 19, 2025

Dear PCN EBV,

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Management summary

NXP Semiconductor announces a PCF85063A and PCA85063A datasheets update.

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			

Notification Overview

Description

PCF85063A - Rev. 7.2 — 26 August 2025, <https://www.nxp.com/docs/en/data-sheet/PCF85063A.pdf>

A new “Recommended Power-Up Procedure” section has been added to the Applications chapter of the datasheet for the PCA85063A/PCF85063A device. This addition consolidates previously scattered guidance into a single, clear procedure to help mitigate known power-on issues. The recommended steps include:

1. Ramping up VDD to its target level within tens of microseconds
2. Implementing a 9-clock cycle recovery in the MCU firmware immediately after power-up
3. Applying the SR bit fix in the MCU firmware as a follow-up step

Reason

Due to the device’s relatively weak Power-On Reset (POR) behavior and a history of customer-reported issues (such as SDA line stuck low and corrupted register values) a consolidated and clearly defined power-up procedure is necessary. This update aims to improve system reliability and reduce customer confusion by centralizing all relevant workarounds into a single, easy-to-follow section.

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

Position

**e-mail
address**

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NXP Quality Management Team.

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12NC	Orderable Part Number	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New 12NC	New Orderable Part Number	New Product Type	New Product Description	Product Line	Notes
935305541118	PCA85063ATT/AJ	PCA85063ATT/A	Tiny RTC for automotive	(T)SSOP8	SOT505-1	RFS	No					BLC6	
935299022118	PCF85063ATL/1,118	PCF85063ATL/1	Tiny RTC, I2C-bus	H(X)SON10	SOT1197-1	RFS	No					BLC6	
935303639515	PCF85063AT/AAZ	PCF85063AT/A	Tiny RTC I2C-bus SO8	SO8	SOT96-1	DOD	No					BLC6	
935303639518	PCF85063AT/AY	PCF85063AT/A	Tiny RTC I2C-bus SO8	SO8	SOT96-1	RFS	No					BLC6	
935304639118	PCF85063ATT/AJ	PCF85063ATT/A	Tiny RTC TSSOP8	(T)SSOP8	SOT505-1	RFS	No					BLC6	