



## Customer Information Notification

### 202102037I : PCA8561 Datasheet 9 Clock Pulses after Power-On Requirement

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

**Issue Date:** Mar 17, 2021 **Effective date:** Mar 26, 2021



Dear Emma Tempest,

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

#### Management summary

Updated sections 7.3 "Starting and Resetting the PCA8561", 7.3.3 "Hardware Reset: RST Pin" 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
- Errata
- Wafer Fab Location
- Assembly Location
- Packing/Shipping/Labeling
- Test Location
- Electrical spec./Test coverage
- Firmware
- Other

## PCN Overview

### Description

Updated sections 7.3 "Starting and Resetting the PCA8561", 7.3.3 "Hardware Reset: RST Pin" and 15.1 "Power-on Reset", as follows:

7.3 Starting and Resetting the PCA8561  
Added "See also application information" comment.

7.3.3 Hardware Reset: RST pin  
Removed "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**

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No Impact on form, fit, function, reliability or quality

**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 PCA8561 product inventory.

**Additional information**

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Additional documents: [view online](#)

**Remarks**

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The PCA8561 device functionality won't be affected by these changes.

**Contact and Support**

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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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