



## Customer Information Notification

2023070221 : PCA9420 Data Sheet Update Rev 4.2 (Technical Clarifications / Corrections)

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

**Issue Date:** Jul 29, 2023 **Effective date:** Jul 30, 2023

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### Change Category

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<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 4.2 for the PCA9420 Power Management IC products associated with this notification.  
The revision history included in the updated document provides a detailed description of the changes.

PCA9420 Data Sheet Rev 4.2 Changes:

1. Section 8: Added Section 8.2 and Section 8.2.1
2. Section 8.13: Changed "Charging current limiting" to "JEITA compliant charging current limiting"; added new bullet "If VIN is not present..."
3. Section 8.10: Updated description
4. Table 6: Updated conditions for VIN overcurrent (ILIM) and ASYS undervoltage

New PCA9420 data sheet revision 4.2 is attached to this notification and can be obtained from [nxp.com](https://www.nxp.com/docs/en/data-sheet/PCA9420.pdf) at <https://www.nxp.com/docs/en/data-sheet/PCA9420.pdf>

### 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

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

**Data Sheet Revision**

A new datasheet will be issued

**Additional information**

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Additional documents: [view online](#)

**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:

**e-mail address**      [tech.support@nxp.com](mailto:tech.support@nxp.com)

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NXP Quality Management Team.

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Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
PCA9420BSAZ	935347337147	PCA9420BS	micro-pmic	H(V)QFN24	SOT905-1	RFS	No	BLC4
PCA9420UKZ	935347338012	PCA9420UK	Low Power PMIC			RFS	No	BLC4
PCA9420KUKZ	935408859012	PCA9420KUK	Low Power PMIC			RFS	No	BLC4