Customer Information Notification

202307022I : 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

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

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	[X]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 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

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:

e-mail address   tech.support@nxp.com

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.
About NXP Semiconductors
NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.
You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.
This message has been automatically distributed. Please do not reply.