Customer Information Notification

201810014I

Issue Date: 30-Oct-2018
Effective Date: 31-Oct-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP.
For detailed information we invite you to view this notification online

QUALITY

Management Summary

Add sections 7.4.1 "Device Initialization" and 7.4.2 "Device Setup" to the PCA85262 DS.

Change Category

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

PCA85262 Datasheet Device Initialization & Setup

Description

Added sections 7.4.1 "Device Initialization" and 7.4.2 "Device Setup" to the PCA85262 DS, as follows:

7.41 Device Initialization
At power-on the status of the I2C-bus communication interface is undefined since this device doesn¿t have POR which was removed to improve the ESD performance. A START and STOP condition with dummy byte in-between must be sent after every power reset to set up the I2C-bus communication interface.

Also added the following note to the 3rd bullet of section 7.4.1 "Device Initialization" outline:

"Note, this is not the device address but just a dummy byte of all zeros."

7.42 Device Setup
At power-on the status of the display and configuration registers are undefined and need to be set up to properly display information on the LCD display. After the I2C-bus interface is initialized as discussed in 7.41 set up the device using these register settings

Also, added the following note to the last bullet of section 7.4.2 "Device Setup" outline:

"or left off (blank) with bit E = 0."

Reason

The intend of these changes is to make the PCA85262 DS easier to follow when initializing and setting up the device.

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.
These datasheet changes does not affect the PCA85262 product functionality.

Data Sheet Revision
A new datasheet will be issued

Disposition of Old Products
The datasheet changes won't affect the PCA85262 product inventory.

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.

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.

View Notification	Subscription	Support

Affected Part Number

PCA85262ATT/AJ