



## Customer Information Notification

202504028I : PCA9511A Datasheet Update

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

**Issue Date:** Jul 11, 2025 **Effective Date:** Jul 14, 2025

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### Management summary

NXP notification of datasheet update for PCA9511A for some applications.

### Change Category

- |  |  |  |  |   |
|--|--|--|--|---|
| <input type="checkbox"/> Wafer<br>Fab<br>Process   | <input type="checkbox"/> Assembly<br>Process   | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test<br>Process   | <input type="checkbox"/> Design                               |
| <input type="checkbox"/> Wafer<br>Fab<br>Materials | <input type="checkbox"/> Assembly<br>Materials | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test<br>Equipment | <input type="checkbox"/> Errata                               |
| <input type="checkbox"/> Wafer<br>Fab<br>Location  | <input type="checkbox"/> Assembly<br>Location  | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test<br>Location  | <input type="checkbox"/> Electrical<br>spec./Test<br>coverage |
- ☐ Firmware ☒ Other: Datasheet

### Notification Overview

#### Description

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New subsection 9.1 Missing ACK event

- Description of the issue and impact

New subsection 9.1.1 Workaround

- Suggestions for workaround the issue

## **Reason**

Datasheet update to provide technical information to deal with the ACK timing vs resistor pull-up (Rup)/Capacitance load (Cload) issue in some applications.

## **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 data sheet 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:

<b>Name</b>	Lilia Barrios
<b>Position</b>	Product marketer
<b>e-mail address</b>	<a href="mailto:lilia.barrios@nxp.com">lilia.barrios@nxp.com</a>

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NXP Quality Management Team.

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NXP Semiconductors  
High Tech Campus, 5656 AG Eindhoven, The Netherlands

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