



Final Product Change Notification

202301018F01 : PCA9546APW Wire Size Reduction and Manufacturing Alignment

Note: This notice is NXP Company Proprietary.

Issue Date: Jan 24, 2023 **Effective date:** Apr 24, 2023

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Management summary

PCA9546APW device will convert to a roughened leadframe for improved reliability. Additionally, the wire size will change from 25um to 18um for material standardization which will de-risk potential delays due to material imbalances.

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input type="checkbox"/> Errata
<input type="checkbox"/> Wafer Fab Location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Packing/Shipping/Labeling	<input type="checkbox"/> Test Location	<input type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input type="checkbox"/> Other			

PCN Overview

Description

ATBK will convert to a roughened leadframe for quality improvement and will standardize to 18 um wire.

Reason

The roughened leadframe offers superior delamination performance after customer SMT. Conversion to 18 um improves manufacturing efficiencies by standardizing wire size.

Identification of Affected Products

Product identification does not change

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment May 08, 2023

Anticipated Impact on Form, Fit, Function, Reliability or Quality

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

Data Sheet Revision

No impact to existing datasheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Self qualification: [view online](#)

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Feb 23, 2023.

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:

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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
PCA9546APW,118	935275813118	PCA9546APW	PCA9546A	(T)SSOP16	SOT403-1	RFS	No	BLC6