



Final Product Change Notification

202202029F01 : PCA9548APW Conversion to Roughened Lead Frame and Wire Size Consolidation

Note: This notice is NXP Company Proprietary.

Issue Date: May 13, 2022 **Effective date:** Aug 19, 2022

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Management summary

PCA9548APW devices will convert to a roughened leadframe for improved reliability. Additionally, the wire size will change to 20u 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 PCA9548APW to a roughened leadframe for quality improvement and will standardize to 20u wire.

Reason

The roughened leadframe offers superior delamination performance after customer SMT. Conversion to 20u 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 Aug 26, 2022

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 Jun 12, 2022.

The self qualification report is attached to the PCN.

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
PCA9548APW,118	935275816118	PCA9548APW	PCA9548A	(T)SSOP24	SOT355-1	RFS	No	BLC6