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

[ ]Wafer Fab Process	[ ]Assembly Process	[ ]Product Marking	[ ]Test Process	[ ]Design
[ ]Wafer Fab Materials	[X]Assembly Materials	[ ]Mechanical Specification	[ ]Test Equipment	[ ]Errata
[ ]Wafer Fab Location	[ ]Assembly Location	[ ]Packing/Shipping/Labeling	[ ]Test Location	[ ]Electrical spec./Test coverage
[ ]Firmware	[ ]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	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line	Notes
PCA9548APW,118	935275816 118	PCA9548A PW	PCA9548A	(T)SSOP24	SOT355-1	RFS	No					BLC6	