



## Final Product Change Notification

202406001F01 : PCAL6416AHF Wire Conversion from Au to Cu

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

**Issue Date:** Jun 17, 2024 **Effective Date:** Oct 01, 2024

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For detailed information we invite you to [view this notification online](#)

### Management summary

NXP will change the wire for the bonding of the PCAL6416AHF product, from gold to copper for improved reliability and manufacturing logistics. This will align the manufacturing process and flow of this product to industry standard.

### 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				

## Notification Overview

### Description

ATKH will convert to Copper wire for this product.

#### Reason

Copper wire will improve overall product reliability and reduce logistics risks in production, by moving the product, to standard, current production materials.

#### Identification of Affected Products

Product identification does not change

### Product Availability

#### Sample Information

Samples are available upon request

#### Production

Planned first shipment Sep 03, 2024

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

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

#### Disposition of Old Products

Existing inventory will be shipped until depleted

### Additional information

Self qualification:[view online](#)

## Timing and Logistics

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In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Jul 17, 2024.

## 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>	Jason Diefenbacher
<b>Position</b>	Quality Engineer
<b>e-mail address</b>	<a href="mailto:Jason.Diefenbacher@nxp.com">Jason.Diefenbacher@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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