



## Final Product Change Notification

202407029F01 : PCA9555APW Wire Conversion from Gold to Copper

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

**Issue Date:** Aug 05, 2024 **Effective Date:** Nov 08, 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 process of the PCA9555APW 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<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 checked="" 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 |
| <input type="checkbox"/> Firmware <input type="checkbox"/> Other |   |  |  |   |

### Notification Overview

#### Description

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ATBK 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**

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### **Sample Information**

Samples are available upon request

### **Production**

Planned first shipment Nov 10, 2024

### **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**

No impact to existing data sheet

### **Disposition of Old Products**

Existing inventory will be shipped until depleted

### **Additional information**

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Self qualification:[view online](#)

Additional documents: [view online](#)

### **Timing and Logistics**

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In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Sep 04, 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:

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NXP Quality Management Team.

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