



## Product/Process Change Notice - PCN 25\_0055 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887, USA

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

**Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.**

<b>PCN Title:</b>	Gold Wire to Copper Wire Conversion(PCA)
<b>Publication Date:</b>	25-Feb-2025
<b>Effectivity Date:</b>	30-May-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release

### Description Of Change:

Change of bond wire from Gold wire to Copper wire for LFCSP pkg family built in AEK (ASE Korea).  
Mold compound for LFCSP BOM will be changed to Sumitomo G700/EN4900-GC.  
All materials have qualified and in production for ADI devices.

### Reason For Change:

The conversion to Cu wire aligns with industry trend and ADI current and future corporate directives.

Note: ASE has been in Cu wire production for 10+ years and over billion units shipped to commercial and automotive customers.

### Impact of the change (positive or negative) on fit, form, function & reliability:

This change has no impact on fit, form, function & reliability.

### Product Identification: *(this section will describe how to identify the changed material)*

Analog Device maintains full traceability by device marking/labeling/shipment documents.

### Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

### Supporting Documents:

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_25\_0055\_Rev\_-\_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR09366A).pdf

**Attachment 2: Type:** Qualification Results Summary

ADI\_PCN\_25\_0055\_Rev\_-\_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR10373A).pdf

**Attachment 3: Type:** Qualification Results Summary

ADI\_PCN\_25\_0055\_Rev\_-\_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR10387B).pdf

**Attachment 4: Type:** Qualification Results Summary

ADI\_PCN\_25\_0055\_Rev\_-\_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR11790B).pdf

Note: If applicable, the device material declaration will be updated due to material change.

---

**ADI Contact Information:**

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

**Americas:**

**Europe:**

**Japan:**

**Korea:**

**Rest of Asia:**

PCN\_Americas@analog.com PCN\_Europe@analog.com PCN\_Japan@analog.com PCN\_Korea@analog.com PCN\_ROA@analog.com

## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (96)

AD4696 / AD70061Z-0RL7	AD7124-4 / AD70046Z-0RL7	AD7124-4 / AD7124-4BBCPZ-RL	AD7124-4 / AD7124-4BCPZ	AD7124-4 / AD7124-4BCPZ-RL
AD7124-4 / AD7124-4BCPZ-RL7	AD7173-8 / AD70023Z-0	AD7175-8 / AD70005Z-0RL	AD7196 / AD7196BCPZ-RL7	AD7291 / AD7291TCPZ-EP
AD7643 / AD7643BCPZ	AD7643 / AD7643BCPZRL	AD7689 / AD7689ACPZ	AD7689 / AD7689ACPZRL7	AD9215 / AD9215BCPZ-65
AD9215 / AD9215BCPZ-80	AD9235 / AD9235BCPZ-20	AD9235 / AD9235BCPZ-40	AD9235 / AD9235BCPZ-65	AD9235 / AD9235BCPZRL7-20
AD9235 / AD9235BCPZRL7-40	AD9246 / AD9246BCPZ-105	AD9246 / AD9246BCPZ-80	AD9246 / AD9246BCPZRL7-105	AD9246 / AD9246BCPZRL7-125
AD9246 / AD9246BCPZRL7-80	AD9265 / AD9265BCPZ-125	AD9265 / AD9265BCPZ-80	AD9265 / AD9265BCPZRL7-125	AD9265 / AD9265BCPZRL7-80
AD9609 / AD9609BCPZ-20	AD9609 / AD9609BCPZ-40	AD9609 / AD9609BCPZ-65	AD9609 / AD9609BCPZ-80	AD9609 / AD9609BCPZRL7-40
AD9609 / AD9609BCPZRL7-65	AD9609 / AD9609BCPZRL7-80	AD9634 / AD9634BCPZ-250	ADAU7118 / AD80543ACPZRL	ADAU7118 / ADAU7118ACPZRL
ADAU7118 / ADAU7118ACPZRL7	ADE7880 / ADE7880ACPZ	ADE7880 / ADE7880ACPZ-RL	ADE7953 / ADE7953ACPZ	ADE7953 / ADE7953ACPZ-RL
ADF4106 / ADF4106SCPZ-EP	ADF4106 / ADF4106SCPZ-EP-R7	ADF4157 / ADF4157BCPZ	ADF4157 / ADF4157BCPZ-RL7	ADM1166 / ADM1166ACPZ-REEL
ADM7170 / ADM7170ACPZ-1.3-R7	ADM7170 / ADM7170ACPZ-2.5-R7	ADM7170 / ADM7170ACPZ-3.0-R7	ADM7170 / ADM7170ACPZ-4.2-R7	ADM7171 / ADM7171ACPZ-1.3-R7
ADM7171 / ADM7171ACPZ-1.8-R7	ADM7171 / ADM7171ACPZ-2.5-R7	ADM7171 / ADM7171ACPZ-4.2-R7	ADM7171 / ADM7171ACPZ-R2	ADM7172 / ADM7172ACPZ-1.3-R7
ADM7172 / ADM7172ACPZ-4.2-R7	ADP1614 / ADP1614ACPZ-1.3-R7	ADP1614 / ADP1614ACPZ-650-R7	ADP1614 / ADP1614ACPZ-R7	ADP1740 / ADP1740ACPZ-0.75R7
ADP1740 / ADP1740ACPZ-1.1-R7	ADP1740 / ADP1740ACPZ-1.2-R7	ADP1740 / ADP1740ACPZ-1.3-R7	ADP1740 / ADP1740ACPZ-1.5-R7	ADP1740 / ADP1740ACPZ-1.8-R7
ADP1740 / ADP1740ACPZ-2.5-R7	ADP2120 / ADP2120ACPZ-1.2-R7	ADP2120 / ADP2120ACPZ-1.8-R7	ADP2120 / ADP2120ACPZ-3.3-R7	ADP2164 / ADP2164ACPZ-1.0-R7
ADP2164 / ADP2164ACPZ-1.2-R7	ADP2164 / ADP2164ACPZ-1.5-R7	ADP2164 / ADP2164ACPZ-1.8-R7	ADP2164 / ADP2164ACPZ-2.5-R7	ADP2164 / ADP2164ACPZ-3.3-R7
ADP2166 / ADP2166ACPZ-1.0-R7	ADP2166 / ADP2166ACPZ-1.2-R7	ADP2166 / ADP2166ACPZ-3.3-R7	ADP2166 / ADP2166ACPZ-R7	ADP2504 / ADP2504ACPZ-3.3-R7
ADP2504 / ADP2504ACPZ-3.5-R7	ADP2504 / ADP2504ACPZ-5.0-R7	ADP2504 / ADP2504ACPZ-R7	ADP5300 / ADP5300ACPZ-1-R7	ADP5300 / ADP5300ACPZ-2-R7
ADP5300 / ADP5300ACPZ-3-R7	ADP5300 / ADP5300ACPZ-4-R7	ADP5587 / ADP5587ACPZ-1-R7	ADP5587 / ADP5587ACPZ-R7	SSM2518 / SSM2518CPZ
SSM2518 / SSM2518CPZ-R7				

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	25-Feb-2025	30-May-2025	Initial Release