



Product/Process Change Notice - PCN 25_0054 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.

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

Description Of Change:

Change of bond wire from Gold to Copper wire for LFCSP pkg family built in AEKC (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_0054_Rev_-_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR09366A).pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_25_0054_Rev_-_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR10373A).pdf

Attachment 3: Type: Qualification Results Summary

ADI_PCN_25_0054_Rev_-_Qualification of Gold to Copper Wire for LFCSP Products at AEK (RQR10387B).pdf

Attachment 4: Type: Qualification Results Summary

ADI_PCN_25_0054_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 (85)

AD7170 / AD7170BCPZ-500RL7	AD7195 / AD42/334Z-ORL	AD7195 / AD7195BCPZ	AD7195 / AD7195BCPZ-RL7	AD7298-1 / AD7298-1BCPZ-RL
AD7625 / AD7625BCPZ	AD7625 / AD7625BCPZRL7	AD7768-1 / AD7768-1BCPZ	AD8141 / AD8141ACPZ-R7	AD8324 / AD8324ACPZ
AD8324 / AD8324ACPZ-REEL7	AD9228 / AD9228ABCYZ-65	AD9228 / AD9228ABCYZRL7-40	AD9228 / AD9228ABCYZRL7-65	AD9233 / AD9233BCPZ-105
AD9233 / AD9233BCPZ-125	AD9233 / AD9233BCPZRL7-125	AD9259 / AD9259ABCYZRL7-50	AD9266 / AD9266BCPZ-40	AD9266 / AD9266BCPZ-65
AD9266 / AD9266BCPZ-80	AD9266 / AD9266BCPZRL7-20	AD9266 / AD9266BCPZRL7-40	AD9266 / AD9266BCPZRL7-65	AD9266 / AD9266TCPZ-65EP
AD9518-4 / AD9518-4BCPZ	AD9525 / AD9525BCPZ	AD9525 / AD9525BCPZ-REEL7	AD9649 / AD9649BCPZ-65	AD9649 / AD9649BCPZ-80
AD9649 / AD9649BCPZRL7-20	AD9649 / AD9649BCPZRL7-65	AD9649 / AD9649BCPZRL7-80	ADE1139 / ADE1139ACPZ-RL	ADE1139 / ADE1139ACPZ-RL7
ADE7854 / ADE7854ACPZ	ADE7854 / ADE7854ACPZ-RL	ADE7858 / ADE7858ACPZ	ADE7858 / ADE7858ACPZ-RL	ADE7858A / ADE7858AACPZ
ADE7858A / ADE7858AACPZ-RL	ADE7868A / ADE7868AACPZ	ADE7868A / ADE7868AACPZ-RL	ADE7878A / ADE7878AACPZ	ADE7878A / ADE7878AACPZ-RL
ADE7978 / ADE7978ACPZ	ADE7978 / ADE7978ACPZ-RL	ADE9000 / ADE9000ACPZ	ADE9000 / ADE9000ACPZ-RL	ADE9039 / ADE9039ACPZ
ADE9039 / ADE9039ACPZ-RL	ADM1169 / ADM1169ACPZ	ADM1169 / ADM1169ACPZ-RL7	ADP1050 / ADP1050ACPZ-R7	ADP1050 / ADP1050ACPZ-RL
ADP1051 / ADP1051ACPZ-R7	ADP1055 / ADP1055ACPZ-RL	ADP2118 / ADP2118ACPZ-1.2-R7	ADP2118 / ADP2118ACPZ-3.3-R7	ADP2118 / ADP2118ACPZ-R7
ADP2119 / ADP2119ACPZ-1.0-R7	ADP2119 / ADP2119ACPZ-1.2-R7	ADP2119 / ADP2119ACPZ-1.8-R7	ADP2119 / ADP2119ACPZ-3.3-R7	ADP2119 / ADP2119ACPZ-R7
ADP2311 / ADP2311ACPZ-1-R7	ADP2311 / ADP2311ACPZ-4-R7	ADP2370 / ADP2370ACPZ-1.2-R7	ADP2370 / ADP2370ACPZ-1.8-R7	ADP2370 / ADP2370ACPZ-2.5-R7
ADP2370 / ADP2370ACPZ-3.3-R7	ADP2370 / ADP2370ACPZ-5.0-R7	ADP2370 / ADP2370ACPZ-R2	ADP2441 / ADP2441ACPZ-R2	ADP5024 / ADP5024ACPZ-1-R7
ADP5024 / ADP5024ACPZ-2-R7	ADP5024 / ADP5024ACPZ-R2	ADP5024 / ADP5024ACPZ-R7	ADUC7060 / ADUC7060BCPZ32	ADUC7060 / ADUC7060BCPZ32-RL
ADUCM360 / ADUCM360BCPZ128	ADUCM360 / ADUCM360BCPZ128-R7	ADUCM361 / ADUCM361BCPZ128-R7	SSM2603 / SSM2603CPZ-REEL	SSM2603 / SSM2603CPZ-REEL7

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	25-Feb-2025	30-May-2025	Initial Release