



## Product/Process Change Notice - PCN 22\_0192 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. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

**PCN Title:** Qualification of an Alternate Adhesive Material and Molding Compound for Select LFCSP Packages

**Publication Date:** 08-Aug-2022

**Effectivity Date:** 10-Nov-2022 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Initial Release.

### Description Of Change:

Qualification of an alternative adhesive material and molding compound for select LFCSP packages (smaller than 3x3).

1. For Ag-plating lead frame, new adhesive material: Hitachi EN4900 GC; new mold compound: Sumitomo G700LA.
2. For NiPdAu-plating lead frame, new mold compound: Hitachi CEL 9240HF10.

No change on package outline dimension.

### Reason For Change:

Additional adhesive material and molding compound for increased capability.

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

The devices' fit, form, function or reliability as specified by the product data sheet will be unaffected by these changes. The Lead Foot Print Dimension will remain the same for LFCSP packages.

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

Date Code and Lot number will be used for product identification.

### 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\_22\_0192\_Rev\_-\_Qualification Report (2x2).pdf

**Attachment 2: Type:** Detailed Change Description

ADI\_PCN\_22\_0192\_Rev\_-\_Detailed Change Description.pdf

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

**Americas:**  
PCN\_Americas@analog.com

**Europe:**  
PCN\_Europe@analog.com

**Japan:**  
PCN\_Japan@analog.com

**Rest of Asia:**  
PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (161)**

AD5110 / AD5110BCPZ10-1-RL7	AD5110 / AD5110BCPZ10-500R7	AD5110 / AD5110BCPZ10-RL7	AD5110 / AD5110BCPZ80-1-RL7	AD5110 / AD5110BCPZ80-500R7
AD5110 / AD5110BCPZ80-RL7	AD5111 / AD5111BCPZ10-500R7	AD5111 / AD5111BCPZ10-RL7	AD5111 / AD5111BCPZ80-500R7	AD5111 / AD5111BCPZ80-RL7
AD5112 / AD5112BCPZ10-1-RL7	AD5112 / AD5112BCPZ10-500R7	AD5112 / AD5112BCPZ10-RL7	AD5112 / AD5112BCPZ5-1-RL7	AD5112 / AD5112BCPZ5-500R7
AD5112 / AD5112BCPZ5-RL7	AD5112 / AD5112BCPZ80-1-RL7	AD5112 / AD5112BCPZ80-500R7	AD5112 / AD5112BCPZ80-RL7	AD5113 / AD5113BCPZ10-500R7
AD5113 / AD5113BCPZ10-RL7	AD5113 / AD5113BCPZ5-500R7	AD5113 / AD5113BCPZ5-RL7	AD5113 / AD5113BCPZ80-500R7	AD5113 / AD5113BCPZ80-RL7
AD5114 / AD5114BCPZ10-1-RL7	AD5114 / AD5114BCPZ10-500R7	AD5114 / AD5114BCPZ10-RL7	AD5114 / AD5114BCPZ80-1-RL7	AD5114 / AD5114BCPZ80-500R7
AD5114 / AD5114BCPZ80-RL7	AD5115 / AD5115BCPZ10-500R7	AD5115 / AD5115BCPZ10-RL7	AD5115 / AD5115BCPZ80-500R7	AD5115 / AD5115BCPZ80-RL7
AD5116 / AD5116BCPZ10-500R7	AD5116 / AD5116BCPZ10-RL7	AD5116 / AD5116BCPZ5-500R7	AD5116 / AD5116BCPZ5-RL7	AD5116 / AD5116BCPZ80-500R7
AD5116 / AD5116BCPZ80-RL7	AD5601 / AD5601BCPZ-RL7	AD5611 / AD5611ACPZ-RL7	AD5612 / AD5612ACPZ-2-RL7	AD5621 / AD5621ACPZ-RL7
AD5681R / AD5681RBCPZ-1RL7	AD5681R / AD5681RBCPZ-RL7	AD5682R / AD5682RBCPZ-RL7	AD5683 / AD5683BCPZ-RL7	AD5683R / AD5683RACPZ-1RL7
AD5683R / AD5683RACPZ-2RL7	AD5683R / AD5683RACPZ-RL7	AD5683R / AD5683RBCPZ-1RL7	AD5683R / AD5683RBCPZ-RL7	AD5691R / AD5691RACPZ-1RL7
AD5691R / AD5691RBCPZ-RL7	AD5692R / AD5692RACPZ-RL7	AD5693 / AD5693BCPZ-RL7	AD5693R / AD5693RACPZ-1RL7	AD5693R / AD5693RACPZ-RL7
AD5693R / AD5693RBCPZ-2RL7	AD7091 / AD7091BCPZ-RL	AD7091 / AD7091BCPZ-RL7	AD7091R / AD7091RBCPZ-RL	AD7091R / AD7091RBCPZ-RL7
AD8218 / AD8218BCPZ-RL	AD8218 / AD8218BCPZ-WP	ADA4096-2 / ADA4096-2ACPZ-R7	ADA4096-2 / ADA4096-2ACPZ-RL	ADA4800 / ADA4800ACPZ-R7
ADA4800 / ADA4800ACPZ-RL	ADG1401 / ADG1401BCPZ-REEL7	ADG1419 / ADG1419BCPZ-REEL7	ADG721 / ADG721ACPZ-REEL7	ADL5903 / ADL5903ACPZ-N-R7
ADL5903 / ADL5903SCPZ-N-R7	ADL6010 / ADL6010SCPZ-N	ADL6010 / ADL6010SCPZ-N-R2	ADL6010 / ADL6010SCPZ-N-R7	ADL6010S / HMC8498
ADM7160 / ADM7160ACPZ-N1.8-R2	ADM7160 / ADM7160ACPZ-N1.8-R7	ADM7160 / ADM7160ACPZ-N2.5-R2	ADM7160 / ADM7160ACPZ-N2.5-R7	ADM7160 / ADM7160ACPZ-N3.3-R2
ADM7160 / ADM7160ACPZ-N3.3-R7	ADP122 / ADP122ACPZ-1.8-R7	ADP122 / ADP122ACPZ-3.0-R7	ADP122 / ADP122ACPZ-3.3-R7	ADP123 / ADP123ACPZ-R7
ADP124 / ADP124ACPZ-1.8-R7	ADP124 / ADP124ACPZ-2.8-R7	ADP124 / ADP124ACPZ-2.9-R7	ADP124 / ADP124ACPZ-3.0-R7	ADP124 / ADP124ACPZ-3.3-R7
ADP125 / ADP125ACPZ-R7	ADP151 / ADP151ACPZ-1.2-R7	ADP151 / ADP151ACPZ-1.5-R7	ADP151 / ADP151ACPZ-1.8-R7	ADP151 / ADP151ACPZ-2.5-R7
ADP151 / ADP151ACPZ-2.7-R7	ADP151 / ADP151ACPZ-2.8-R7	ADP151 / ADP151ACPZ-3.0-R7	ADP151 / ADP151ACPZ-3.3-R7	ADP1606 / ADP1606ACPZ-N1.8-R7
ADP1607 / ADP1607ACPZ-N-R7	ADP1607 / ADP1607ACPZ-N001-R7	ADP165 / ADP165ACPZ-N1.2-R7	ADP165 / ADP165ACPZ-N1.8-R7	ADP165 / ADP165ACPZ-N2.3-R7
ADP165 / ADP165ACPZ-N3.0-R7	ADP165 / ADP165ACPZ-N3.3-R7	ADP165 / ADP165ACPZ-N-R7	ADP166 / ADP166ACPZ-N1.2-R7	ADP166 / ADP166ACPZ-N1.8-R7
ADP166 / ADP166ACPZ-N2.3-R7	ADP166 / ADP166ACPZ-N3.0-R7	ADP166 / ADP166ACPZ-N3.3-R7	ADP166 / ADP166ACPZ-N-R7	ADP195 / ADP195ACPZ-R7
ADP196 / ADP196ACPZ-N01-R7	ADP196 / ADP196ACPZ-N-R7	ADP197 / ADP197ACPZ-N01-R7	ADP197 / ADP197ACPZ-N02-R7	ADP198 / ADP198ACPZ-R7
ADP222 / ADP222ACPZ-1218-R7	ADP222 / ADP222ACPZ-1228-R7	ADP222 / ADP222ACPZ-1233-R7	ADP222 / ADP222ACPZ-1528-R7	ADP222 / ADP222ACPZ-1533-R7
ADP222 / ADP222ACPZ-1815-R7	ADP222 / ADP222ACPZ-1825-R7	ADP222 / ADP222ACPZ-1827-R7	ADP222 / ADP222ACPZ-1833-R7	ADP222 / ADP222ACPZ-2725-R7
ADP222 / ADP222ACPZ-2818-R7	ADP222 / ADP222ACPZ-2827-R7	ADP222 / ADP222ACPZ-3325-R7	ADP222 / ADP222ACPZ-3328-R7	ADP222 / ADP222ACPZ-3330-R7
ADP223 / ADP223ACPZ-R7	ADP224 / ADP224ACPZ-2818-R7	ADP225 / ADP225ACPZ-R7	ADP7118 / ADP7118ACPZ-N-R7	ADP7118 / ADP7118ACPZ-N1.8-R7
ADP7118 / ADP7118ACPZ-N2.5-R7	ADP7118 / ADP7118ACPZ-N3.3-R7	ADP7118 / ADP7118ACPZ-N5.0-R7	ADP7142 / ADP7142ACPZ-N-R7	ADP7142 / ADP7142ACPZ-N1.8-R7
ADP7142 / ADP7142ACPZ-N2.5-R7	ADP7142 / ADP7142ACPZ-N3.3-R7	ADP7142 / ADP7142ACPZ-N3.8-R7	ADP7142 / ADP7142ACPZ-N5.0-R7	ADP7182 / ADP7182ACPZ-N1.2R7
ADP7182 / ADP7182ACPZ-N1.5R7	ADP7182 / ADP7182ACPZ-N2.5R7	ADP7182 / ADP7182ACPZ-N5.0R7	ADP7182 / ADP7182ACPZ-N-R7	ADPD2210 / ADPD2210ACPZ-R7
ADPD2210 / ADPD2210ACPZ-RL				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	08-Aug-2022	10-Nov-2022	Initial Release.

Analog Devices, Inc.

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