



Product/Process Change Notice - PCN 22_0192 Rev. A

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

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

Publication Date: 30-Aug-2022

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

Revision Description:
Remove parts.

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_A_Qualification Report (2x2).pdf

Attachment 2: Type: Detailed Change Description

ADI_PCN_22_0192_Rev_A_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

Existing Parts - Product Family / Model Number (158)

| | | | | |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 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 | ADL6010S / HMC8498 | ADM7160 / ADM7160ACPZN1.8-R2 | ADM7160 / ADM7160ACPZN1.8-R7 | ADM7160 / ADM7160ACPZN2.5-R2 |
| ADM7160 / ADM7160ACPZN2.5-R7 | ADM7160 / ADM7160ACPZN3.3-R2 | ADM7160 / ADM7160ACPZN3.3-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 / ADP1606ACPZN1.8-R7 | ADP1607 / ADP1607ACPZN-R7 | ADP1607 / ADP1607ACPZN001-R7 | ADP165 / ADP165ACPZN-1.2-R7 |
| ADP165 / ADP165ACPZN-1.8-R7 | ADP165 / ADP165ACPZN-2.3-R7 | ADP165 / ADP165ACPZN-3.0-R7 | ADP165 / ADP165ACPZN-3.3-R7 | ADP165 / ADP165ACPZN-R7 |
| ADP166 / ADP166ACPZN-1.2-R7 | ADP166 / ADP166ACPZN-1.8-R7 | ADP166 / ADP166ACPZN-2.3-R7 | ADP166 / ADP166ACPZN-3.0-R7 | ADP166 / ADP166ACPZN-3.3-R7 |
| ADP166 / ADP166ACPZN-R7 | ADP195 / ADP195ACPZ-R7 | ADP196 / ADP196ACPZN-01-R7 | ADP196 / ADP196ACPZN-R7 | ADP197 / ADP197ACPZN-01-R7 |
| ADP197 / ADP197ACPZN-02-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 / ADP7118ACPZN-R7 | ADP7118 / ADP7118ACPZN1.8-R7 | ADP7118 / ADP7118ACPZN2.5-R7 | ADP7118 / ADP7118ACPZN3.3-R7 | ADP7118 / ADP7118ACPZN5.0-R7 |
| ADP7142 / ADP7142ACPZN-R7 | ADP7142 / ADP7142ACPZN1.8-R7 | ADP7142 / ADP7142ACPZN2.5-R7 | ADP7142 / ADP7142ACPZN3.3-R7 | ADP7142 / ADP7142ACPZN3.8-R7 |
| ADP7142 / ADP7142ACPZN5.0-R7 | ADP7182 / ADP7182ACPZN-1.2R7 | ADP7182 / ADP7182ACPZN-1.5R7 | ADP7182 / ADP7182ACPZN-2.5R7 | ADP7182 / ADP7182ACPZN-5.0R7 |
| ADP7182 / ADP7182ACPZN-R7 | ADPD2210 / ADPD2210ACPZ-R7 | ADPD2210 / ADPD2210ACPZ-RL | | |

Removed Parts On All Revisions - Product Family / Model Number (3)

| | | | | |
|------------------------|---------------------------|---------------------------|--|--|
| ADL6010 / ADL6010SCPZN | ADL6010 / ADL6010SCPZN-R2 | ADL6010 / ADL6010SCPZN-R7 | | |
|------------------------|---------------------------|---------------------------|--|--|

Appendix B - Revision History

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|------------------------|
| Rev. - | 08-Aug-2022 | 10-Nov-2022 | Initial Release. |
| Rev. A | 30-Aug-2022 | 10-Nov-2022 | Remove parts. |

Analog Devices, Inc.

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