



Product/Process Change Notice - PCN 18_0007 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

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: Pad Finish Change for Select LGA Packaged Products

Publication Date: 18-Apr-2018

Effectivity Date: 21-Jul-2018 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Pad finish will be changed from Electroless Nickel Immersion Gold (ENIG - NiAu) to Electroless Nickel Electroless Palladium Immersion Gold (ENEPIG - NiPdAu).

Reason For Change:

ENEPIG (NiPdAu) is the preferred plating in high-reliability applications for solder joint reliability.

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

No impact on fit, form, function & reliability.

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

Product incorporating the above changes will be identified by pad finish color and by assembly lot numbers.

Summary of Supporting Information:

Qualification performed per industry standard test methods.

Comments

The change is not anticipated to cause any change in customers' PCB assembly process.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_18_0007_Rev_-_Qualification_Results_NiPdAu_AEK_LGA.pdf.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 (16)

ADRF5020 / ADRF5020BCCZN	ADRF5020 / ADRF5020BCCZN-R7	ADRF5020 / ADRF5920BCCZN	ADRF5020 / ADRF5920BCCZN-R7	ADRF5021 / ADRF5021BCCZN
ADRF5021 / ADRF5021BCCZN-R7	ADRF5021 / ADRF5921BCCZN	ADRF5021 / ADRF5921BCCZN-R7	ADRF5044 / ADRF5044BCCZN	ADRF5044 / ADRF5044BCCZN-R7
ADRF5044 / ADRF5944BCCZN	ADRF5044 / ADRF5944BCCZN-R7	ADRF5045 / ADRF5045BCCZN	ADRF5045 / ADRF5045BCCZN-R7	ADRF5045 / ADRF5945BCCZN
ADRF5045 / ADRF5945BCCZN-R7				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	18-Apr-2018	21-Jul-2018	Initial Release.

Analog Devices, Inc.

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