



## 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**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	18-Apr-2018	21-Jul-2018	Initial Release.

Analog Devices, Inc.

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