



Product/Process Change Notice - PCN 18_0019 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: Revision to Thickness of Polyimide and Redistribution Layers for ADN8833 and ADN8834 in WLCSP

Publication Date: 13-Feb-2018

Effectivity Date: 14-Mar-2018 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change

ADN8833 and ADN8834 (WLCSP) will have new material which will have thicker polyimide/repassivation and thicker redistribution layers.
- Polyimide/repassivation layers 1 and 2 will increase in thickness from 5 microns and 5 microns to 7.5 microns and 8.3 microns respectively.
- Redistribution layer thickness is increasing from 3 microns to 5 microns.

Reason For Change

The thicker polyimide/repassivation and redistribution layers lower the internal stress on the part thereby enhancing the overall reliability of the part.

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

The device quality, performance, and function as specified by the data sheets will be unaffected by this change. The reliability of the device will be enhanced.

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

All products with this change will be from date code 1804 forward.

Summary of Supporting Information

Qualification is being performed per Industry Standard Test Methods. See attached Qualification Plan Summary.

Supporting Documents

Attachment 1: Type: Qualification Plan

ADI_PCN_18_0019_Rev_-_QualPlan ADN8833 ADN8834.docx

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 (2)

ADN8833 / ADN8833ACBZ-R7

ADN8834 / ADN8834ACBZ-R7

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	13-Feb-2018	14-Mar-2018	Initial Release.

Analog Devices, Inc.

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