



## 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**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	13-Feb-2018	14-Mar-2018	Initial Release.

Analog Devices, Inc.

DocId:4349 Parent DocId:None Layout Rev:7