



## Product/Process Change Notice - PCN 15\_0082 Rev. A

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.

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

**PCN Title:** ADG5204 and ADG5236 Redesign

**Publication Date:** 15-Sep-2015

**Effectivity Date:** 15-Sep-2015 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Date Code effectivity change from 1519 to 1539

### Description Of Change

Redesign of the ADG5204 and ADG5236 involving a layout change to improve Total Harmonic Distortion and Noise (THD+N) performance.

### Reason For Change

With a high resistive load and low input voltages, there is a significant difference in THD+N with increasing supply voltage. The THD+N is improved with the new layout and doesn't have a supply voltage dependency.

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

This transfer will not affect the form, fit, function, quality or reliability of the ADG5204 or ADG5236.

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

The above changes will be effective from date code 1539 for both ADG5204 and ADG5236 generic parts.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

### Supporting Documents

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_15\_0082\_Rev\_A\_Qual Summary ADG5204\_ADG5236.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 (6)**

|                           |                       |                           |                           |                       |
|---------------------------|-----------------------|---------------------------|---------------------------|-----------------------|
| ADG5204 / ADG5204BCPZ-RL7 | ADG5204 / ADG5204BRUZ | ADG5204 / ADG5204BRUZ-RL7 | ADG5236 / ADG5236BCPZ-RL7 | ADG5236 / ADG5236BRUZ |
| ADG5236 / ADG5236BRUZ-RL7 |                       |                           |                           |                       |

**Appendix B - Revision History**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b>                         |
|------------|---------------------|-------------------------|--|
| Rev. -     | 02-Apr-2015         | 01-Jul-2015             | Initial Release                                |
| Rev. A     | 15-Sep-2015         | 15-Sep-2015             | Date Code effectivity change from 1519 to 1539 |

Analog Devices, Inc.

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