



# Product/Process Change Notice - PCN 11\_0253 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 Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

**PCN Title:** AD9717, AD9716, AD9715, AD9714 Minor Circuit and Die Attach Material Change

**Publication Date:** 06-Jan-2012

**Effectivity Date:** 05-Apr-2012 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

1. Minor change to a DC bias circuit to increase operating margin during conditions of 1.8 volt supply and -40C. The datasheet does not change.
2. Die attach material change from Ablestik 8290 to Ablestik 3230.

### Reason For Change

1. Ensure sufficient operating margin during extreme conditions of low power supply (1.8 volts) and -40C ambient temperature. Sufficient operating margin exists when powered from 2.0 volts at -40C as well as 1.8 volts and -25C.
2. ADI is standardizing the die attach for this package style.

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

No impact on fit, form, function and reliability.

### 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 Report Summary

ADI\_PCN\_11\_0253\_Rev\_-\_Qual Results.pdf

**For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative**

<b>Americas:</b> PCN_Americas@analog.com	<b>Europe:</b> PCN_Europe@analog.com	<b>Japan:</b> PCN_Japan@analog.com
		<b>Rest of Asia:</b> PCN_ROA@analog.com

### Appendix A - Affected ADI Models

#### Added Parts On This Revision - Product Family / Model Number (8)

AD9714 / AD9714BCPZ	AD9714 / AD9714BCPZRL7	AD9715 / AD9715BCPZ	AD9715 / AD9715BCPZRL7	AD9716 / AD9716BCPZ
AD9716 / AD9716BCPZRL7	AD9717 / AD9717BCPZ	AD9717 / AD9717BCPZRL7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	06-Jan-2012	Initial Release

Analog Devices, Inc.

DocId:1715 Parent DocId:1714 Layout Rev.6