



Product/Process Change Notice - PCN 11_0254 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: AD9117, AD9116, AD9115, AD9114 Minor Circuit and Die Attach Material Change

Publication Date: 20-Dec-2011

Effectivity Date: 19-Mar-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_0254_Rev_-_Qual Results.pdf

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

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 (8)

AD9114 / AD9114BCPZ	AD9114 / AD9114BCPZRL7	AD9115 / AD9115BCPZ	AD9115 / AD9115BCPZRL7	AD9116 / AD9116BCPZ
AD9116 / AD9116BCPZRL7	AD9117 / AD9117BCPZ	AD9117 / AD9117BCPZRL7		

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	20-Dec-2011	Initial Release

Analog Devices, Inc.

DocId:1716 Parent DocId:1715 Layout Rev.6