



Product/Process Change Notice - PCN 10_0083 Rev. B

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.

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

PCN Title: Addition of Polyimide layer for the AD5543, AD5545, AD5546 and AD5547 generics.

Publication Date: 14-May-2010

Effectivity Date: 12-Aug-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

AD5547 to receive Polyimide layer

Description Of Change

Polyimide layer to be implemented for the wafer fabrication process of the AD5543, AD5545, AD5546. The purpose of this PCN, revision B, is to advise that the AD5547 generic will also receive a polyimide layer.

Reason For Change

The addition of a polyimide layer will offer enhanced protection against die scratches and package stresses.

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

There will be no change to form, fit, function, quality, reliability or datasheet specifications of this part.

Summary of Supporting Information

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

Supporting Documents

Attachment 1: Type: Reliability Report

ADI_PCN_10_0083_Rev_B_RQR04437.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**Existing Parts - Product Family / Model Number (25)**

AD5543 / AD5543BR	AD5543 / AD5543BRM	AD5543 / AD5543BRM-REEL7	AD5543 / AD5543BRMZ	AD5543 / AD5543BRMZ-REEL7	AD5543 / AD5543BRZ
AD5543 / AD5543CRMZ	AD5543 / AD5543CRMZ-REEL7	AD5545 / AD5545BRU	AD5545 / AD5545BRU-REEL7	AD5545 / AD5545BRUZ	AD5545 / AD5545BRUZ-REEL7
AD5545 / AD5545CRUZ	AD5545 / AD5545CRUZ-REEL7	AD5546 / AD5546BRU	AD5546 / AD5546BRU-REEL7	AD5546 / AD5546BRUZ	AD5546 / AD5546BRUZ-REEL7
AD5546 / AD5546CRUZ	AD5546 / AD5546CRUZ-REEL7	AD5547 / AD5547BRU	AD5547 / AD5547BRU-REEL7	AD5547 / AD5547BRUZ	AD5547 / AD5547CRUZ
AD5547 / AD5547CRUZ-REEL7					

Added Parts On This Revision - Product Family / Model Number (5)

AD5547 / AD5547BRU	AD5547 / AD5547BRU-REEL7	AD5547 / AD5547BRUZ	AD5547 / AD5547CRUZ	AD5547 / AD5547CRUZ-REEL7
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Appendix B - Revision History		
Rev	Publish Date	Rev Description
Rev. -	19-Apr-2010	Initial Release
Rev. A	11-May-2010	AD5545 and AD5546 product to receive Polyimide layer.
Rev. B	14-May-2010	AD5547 to receive Polyimide layer

Analog Devices, Inc.

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