



Product/Process Change Notice - PCN 09_0200 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: Addition of Polyimide layer on AD8226, and AD8227.
Publication Date: 24-Sep-2009
Samples Available Date: 30-Nov-2009
Effectivity Date: 23-Dec-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Polyimide overcoat layer to be implemented for the wafer fabrication process of the AD8226, and the AD8227. Electrical performance (per datasheet) is not affected by this change.

Reason For Change

Vos, Gain and CMRR performance of the AD8226, and the AD8227 has been related to package stress sensitivity. Addition of the polyimide layer reduces this sensitivity to package stress and gives flexibility in choosing package materials.

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

The addition of Polyimide material will not affect the fit, form, or function that would be seen by the end-user. The performance of the part will continue to match the specifications in the datasheet.

Summary of Supporting Information

Qualification has been performed per Analog Devices specification ADI0012, Procedure for Qualification of New or Revised Processes or Products. See attached qualification report

Supporting Documents

Attachment 1: ADI_PCN_09_0200_Rev_-_Qual Report.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 (25)**

AD8226 / AD8226ARMZ	AD8226 / AD8226ARMZ-R7	AD8226 / AD8226ARMZ-RL	AD8226 / AD8226ARZ	AD8226 / AD8226ARZ-R7	AD8226 / AD8226ARZ-RL
AD8226 / AD8226BRMZ	AD8226 / AD8226BRMZ-R7	AD8226 / AD8226BRMZ-RL	AD8226 / AD8226BRZ	AD8226 / AD8226BRZ-R7	AD8226 / AD8226BRZ-RL
AD8226 / AD8226XRZ	AD8227 / AD8227ARMZ	AD8227 / AD8227ARMZ-R7	AD8227 / AD8227ARMZ-RL	AD8227 / AD8227ARZ	AD8227 / AD8227ARZ-R7
AD8227 / AD8227ARZ-RL	AD8227 / AD8227BRMZ	AD8227 / AD8227BRMZ-R7	AD8227 / AD8227BRMZ-RL	AD8227 / AD8227BRZ	AD8227 / AD8227BRZ-R7
AD8227 / AD8227BRZ-RL					

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	24-Sep-2009	

Analog Devices, Inc.

DocId:860 Parent DocId:792