



Product/Process Change Notice - PCN 14_0181 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: Polyimide Thickness Change and Minor Die Rev for AD8202 Wafer/Die Sales

Publication Date: 01-Oct-2014

Effectivity Date: 30-Dec-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

1. The polyimide overcoat thickness is changing from 7um to 5um for the wafer fabrication process of the AD8202.
2. The use of existing pads on Met1 will be reallocated for use as Kelvin pads. The Kelvin pads will be connected to the input pins (pins 1 and 8).

Reason For Change

1. The ADWML Fab facility is standardizing to 5um polyimide thickness to improve the manufacturability of parts.
2. Reallocating the use of existing pads on Met1 for use as Kelvin pads will allow the trim process to give increased accuracy of offset voltage, common mode, and gain.

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

The polyimide thickness change and kelvin pads applied to the AD8202 will not affect the fit, form or function of the device. The performance of the part will continue to match the specifications in the datasheet.

Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Report Summary

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_14_0181_Rev_-_Qualification Summary.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 (3)

AD8202 / AD8202W-KGD-R7

AD8202 / AD8202WYC-P3

AD8202 / AD8202WYC-P7

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	01-Oct-2014	30-Dec-2014	Initial Release

Analog Devices, Inc.

DocId:3018 Parent DocId:None Layout Rev:7