



Product/Process Change Notice - PCN 13_0191 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 to the ADA4850-1, ADA4851-1, ADA4850-2, ADA4851-2 & ADA4851-4

Publication Date: 11-Nov-2013

Effectivity Date: 09-Feb-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

ADI will add a polyimide passivation layer on top of the existing glassivation layer for the ADA4850-1, ADA4851-1, ADA4850-2, ADA4851-2 & ADA4851-4

Reason For Change

Polyimide offers the following advantages: improved ESD robustness, enhanced protection against die scratches, package stresses, surface EOS events and radiation.

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

Changes to the device will not impact fit, function, quality or reliability.

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 Report Summary

ADI_PCN_13_0191_Rev_-_Qual Summary.doc

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 (27)

ADA4850-1 / ADA4850-1YCPZ-R2	ADA4850-1 / ADA4850-1YCPZ-RL	ADA4850-1 / ADA4850-1YCPZ-RL7	ADA4850-2 / ADA4850-2YCP-EBZ	ADA4850-2 / ADA4850-2YCPZ-R2
ADA4850-2 / ADA4850-2YCPZ-RL	ADA4850-2 / ADA4850-2YCPZ-RL7	ADA4851-1 / ADA4851-1WYRJZ-R7	ADA4851-1 / ADA4851-1YRJ-EBZ	ADA4851-1 / ADA4851-1YRJZ-R2
ADA4851-1 / ADA4851-1YRJZ-RL	ADA4851-1 / ADA4851-1YRJZ-RL7	ADA4851-2 / ADA4851-2WYRMZ-R7	ADA4851-2 / ADA4851-2YRM-EBZ	ADA4851-2 / ADA4851-2YRMZ
ADA4851-2 / ADA4851-2YRMZ-RL	ADA4851-2 / ADA4851-2YRMZ-RL7	ADA4851-2 / ADW13001Z	ADA4851-4 / AD45104YRUZ-RL	ADA4851-4 / AD80198Z
ADA4851-4 / ADA4851-4WYRUZ-R7	ADA4851-4 / ADA4851-4YRU-EBZ	ADA4851-4 / ADA4851-4YRUZ	ADA4851-4 / ADA4851-4YRUZ-RL	ADA4851-4 / ADA4851-4YRUZ-RL7
ADA4851-4 / ADW13005Z	ADA4851-4 / ADW13006Z			

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	11-Nov-2013	09-Feb-2014	Initial Release

Analog Devices, Inc.

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