



Product/Process Change Notice - PCN 16_0261 Rev. A

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 Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (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 a Polyimide Passivation Layer to the ADuM4190
Publication Date: 06-Jun-2017
Effectivity Date: 06-Jun-2017 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Revise HBM ESD Qualification Result. Update to the Reason for Change.

Description Of Change

Adding a polyimide passivation layer on top of the ADuM4190IC die.

Reason For Change

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

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

Changes will not impact fit, form or function.

Summary of Supporting Information

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Comments

This PCN is being revised to correct an error in reporting HBM ESD Qualification result. Actual HBM ESD result is "Pass $\pm 2000V$ " (see Attachment 1).

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_16_0261_Rev_A_ADuM4190_Qual_Results_Summary.pdf

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

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 (10)

ADUM4190 / AD71168ARIZ	ADUM4190 / AD71168ARIZ-RL	ADUM4190 / ADUM4190ARIZ	ADUM4190 / ADUM4190ARIZ-RL	ADUM4190 / ADUM4190BRIZ
ADUM4190 / ADUM4190BRIZ-RL	ADUM4190 / ADUM4190SRIZ	ADUM4190 / ADUM4190SRIZ-RL	ADUM4190 / ADUM4190TRIZ	ADUM4190 / ADUM4190TRIZ-RL

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	30-Jan-2017	30-Apr-2017	Initial Release
Rev. A	06-Jun-2017	06-Jun-2017	Revise HBM ESD Qualification Result. Update to the Reason for Change.

Analog Devices, Inc.

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