



## 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**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
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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