



## Product/Process Change Notice - PCN 16\_0261 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 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.

**PCN Title:** Addition of a Polyimide Passivation Layer to the ADuM4190  
**Publication Date:** 30-Jan-2017  
**Effectivity Date:** 30-Apr-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

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

### Reason For Change

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

### 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.

### Supporting Documents

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_16\_0261\_Rev\_-\_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**

**Added Parts On This Revision - 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

Analog Devices, Inc.

DocId:3930 Parent DocId:3929 Layout Rev:7