



## Product/Process Change Notice - PCN 16\_0260 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 ADuM3190  
**Publication Date:** 08-Nov-2016  
**Effectivity Date:** 06-Feb-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 ADuM3190IC 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\_0260\_Rev\_-\_ADuM3190\_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.**

<b>Americas:</b> PCN_Americas@analog.com	<b>Europe:</b> PCN_Europe@analog.com	<b>Japan:</b> PCN_Japan@analog.com
		<b>Rest of Asia:</b> PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (10)**

ADUM3190 / AD71165TRQZ	ADUM3190 / AD71165TRQZ-RL7	ADUM3190 / ADUM3190ARQZ	ADUM3190 / ADUM3190ARQZ-RL7	ADUM3190 / ADUM3190BRQZ
ADUM3190 / ADUM3190BRQZ-RL7	ADUM3190 / ADUM3190SRQZ	ADUM3190 / ADUM3190SRQZ-RL7	ADUM3190 / ADUM3190TRQZ	ADUM3190 / ADUM3190TRQZ-RL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	08-Nov-2016	06-Feb-2017	Initial Release

Analog Devices, Inc.

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