



## Product/Process Change Notice - PCN 14\_0149 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 Layer to the AD8188 and AD8189  
**Publication Date:** 03-Feb-2015  
**Effectivity Date:** 04-May-2015 *(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 AD8188 and AD8189.

### 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 ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

### Supporting Documents

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

ADI\_PCN\_14\_0149\_Rev\_-\_AD8188 AD8189\_polyimide\_addition.doc

**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 (6)**

AD8188 / AD8188ARUZ	AD8188 / AD8188ARUZ-R7	AD8188 / AD8188ARUZ-RL	AD8189 / AD8189ARUZ	AD8189 / AD8189ARUZ-R7
AD8189 / AD8189ARUZ-RL				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	03-Feb-2015	04-May-2015	Initial Release

Analog Devices, Inc.

DocId:2947 Parent DocId:2687 Layout Rev:7