



## Product/Process Change Notice - PCN 12\_0300 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Material Report). Any issues with this PCN or requirements to qualify the change (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 for Select Devices  
**Publication Date:** 03-Dec-2012  
**Effectivity Date:** 03-Mar-2013 *(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 following parts:

CMP562  
CMP564

### Reason For Change

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

This enhanced protection is particularly beneficial for ADI products that are offered in die form since it will reduce package stresses associated with certain end customer assembly applications including stacked die packages.

Numerous ADI products have always had a polyimide passivation layer on top of the glassivation layer. These products have proven highly reliable through numerous qualifications and many years of field application.

### 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 Report Summary

ADI\_PCN\_12\_0300\_Rev\_-\_Polyimide Qualification.pdf

**For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative**

**Americas:** PCN\_Americas@analog.com

**Europe:** PCN\_Europe@analog.com

**Japan:** PCN\_Japan@analog.com



**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (5)**

ADCMP562 / ADCMP562BRQ	ADCMP562 / ADCMP562BRQZ	ADCMP562 / ADCMP562BRQZ-RL7	ADCMP564 / ADCMP564BRQ	ADCMP564 / ADCMP564BRQZ
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**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	03-Dec-2012	03-Mar-2013	Initial Release

Analog Devices, Inc.

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