



Product/Process Change Notice - PCN 15_0207 Rev. -

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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 for DAC312
Publication Date: 10-Nov-2015
Effectivity Date: 08-Feb-2016 *(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.

Reason For Change

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

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 or function and will enhance the quality and reliability.

Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Results Summary.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_15_0207_Rev_-_DAC312 Qualification 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 (5)

DAC312 / DAC312HP

DAC312 / DAC312HPZ

DAC312 / DAC312HS

DAC312 / DAC312HSZ

DAC312 / DAC312HSZ-REEL

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	10-Nov-2015	08-Feb-2016	Initial Release

Analog Devices, Inc.

DocId:3440 Parent DocId:None Layout Rev:7