



Product/Process Change Notice - PCN 17_0074 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: ADGS1412 Metal Edit resulting in Changes to Timing Specifications
Publication Date: 08-May-2017
Effectivity Date: 06-Aug-2017 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Edits to the metal layer of the digital die which will result in an increase of the Ton specification so that Break Before Make functions correctly.

Reason For Change

To add Break Before Make functionality and SPI Mode 3 Compatibility to the ADGS1412.

Impact of the change (positive or negative) on fit, form, function & reliability

There will be no change to the Form, Fit, Function or Reliability of the device.

Product Identification *(this section will describe how to identify the changed material)*

The change over date code will be advised on a future revision of this PCN.

Summary of Supporting Information

Qualification will be performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan. The ADGS1412 Datasheet Rev B will reflect the correct timing specifications.

Supporting Documents

Attachment 1: Type: Qualification Plan

ADI_PCN_17_0074_Rev_-_ADGS1412 Qual plan.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 (2)

ADGS1412 / ADGS1412BCPZ

ADGS1412 / ADGS1412BCPZ-RL7

Appendix B - Revision History

| Rev | Publish Date | Effectivity Date | Rev Description |
|------------|---------------------|-------------------------|------------------------|
| Rev. - | 08-May-2017 | 06-Aug-2017 | Initial Release |
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Analog Devices, Inc.

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