



Product/Process Change Notice - PCN 15_0062 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: Qualification of Alternate Fab Site at TSMC for ADXL362, ADXL363 Sensor Die

Publication Date: 02-Apr-2015

Effectivity Date: 01-Jul-2015 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

ADI has developed and qualified an 8" version of its MEMS only process at TSMC's fab 3 as an alternate fab site for the MEMS sensor die. Wherever possible, process techniques were kept the same as the current 6" process. Any process differences were required either to facilitate equipment capabilities in fab 3 or to enable more advanced MEMS processing technologies. There are changes to the die layout, including the bond ring layout to facilitate the process differences, but there is no change to the sensor structure or device architecture.

Reason For Change

The addition of a qualified second fab site will increase ADI's MEMS capacity, so that we may better respond to customer demand as needed. Quality and reliability levels, electrical performance, and package dimensions will not be affected by these changes. All 8" fab 3 products will have comparable or improved manufacturing process capabilities.

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

This change will not affect the form, fit or function of the devices.

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

ADI maintains traceability to fab site through the parts' unique lot numbers.

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_15_0062_Rev_-_Qualification Results Summary.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 (5)

ADXL362 / ADXL362BCCZ-R2	ADXL362 / ADXL362BCCZ-RL	ADXL362 / ADXL362BCCZ-RL7	ADXL363 / ADXL363BCCZ-RL	ADXL363 / ADXL363BCCZ-RL7
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Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	02-Apr-2015	01-Jul-2015	Initial Release

Analog Devices, Inc.

DocId:3236 Parent DocId:3121 Layout Rev:7