



Product/Process Change Notice - PCN 18_0077 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: AD623 Die Revision and Wafer Fabrication Process Change

Publication Date: 17-May-2018

Effectivity Date: 19-Aug-2018 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

- 1) Wafer Fabrication Process changed from CBCMOS to XFCB40.
- 2) AD623 layout has been revised to accommodate fab process change. This includes transistor layout and rerouting of circuitry.
- 3) Bond pad locations and bonding diagram has changed.

Reason For Change:

Migrating the AD623 to a newer process to ensure the quality and longevity of the supply chain.

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

No impact on fit, form, function and reliability when operated within data sheet specifications.

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

Date codes starting 94 days after the publication of this PCN.

Summary of Supporting Information:

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_18_0077_Rev_-_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 (9)

AD623 / AD623ARMZ	AD623 / AD623ARMZ-REEL	AD623 / AD623ARMZ-REEL7	AD623 / AD623ARZ	AD623 / AD623ARZ-R7
AD623 / AD623ARZ-RL	AD623 / AD623BRZ	AD623 / AD623BRZ-R7	AD623 / AD623BRZ-RL	

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	17-May-2018	19-Aug-2018	Initial Release.

Analog Devices, Inc.

DocId:4421 Parent DocId:None Layout Rev:7