



## 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**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	17-May-2018	19-Aug-2018	Initial Release.

Analog Devices, Inc.

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