



Product/Process Change Notice - PCN 18_0072 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 Data Sheet Correction

Publication Date: 19-Apr-2018

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

Revision Description:

Initial Release.

Description Of Change:

Single Supply (Table 2):

(a) Gain Error and Nonlinearity Test Conditions from a minimum of $V_{out} = 0.05V$ to $0.15V$.

(b) Offset Referred to the Input vs. Supply (PSR), $G=100$ and $G=1000$

* MIN specification from 120dB to 100dB

* TYP specification from 140dB to 130dB

(c) Output Swing MIN specification for the Single Supply:

* $R_L = 10k\Omega$ from 0.01V to 0.2V

* $R_L = 100k\Omega$ from 0.01V to 0.05V

Dual Supplies (Table 3):

(a) The Gain Error $G>1$ Test Conditions for the Dual Supply from a minimum of $V_{out} = 0.05V$ to $-4.8V$

(b) Offset Referred to the Input vs. Supply (PSR), $G=100$ and $G=1000$

* MIN specification from 120dB to 100dB

* TYP specification from 140dB to 130dB

Specifications Common to Dual And Single Supplies (Table 4):

(a) The Current Noise 0.1Hz to 10Hz from 1.5pAp-p to 2.5Ap-p

Reason For Change:

The data sheet is being updated to correct errors found in conditions and specifications.

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

There is no change in the product design or operation of the device. There is no impact on the fit, form, and reliability of the device.

Summary of Supporting Information:

The changes will be reflected on Product Data Sheet revision F.

Supporting Documents None

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 (13)**

AD623 / AD623ANZ	AD623 / AD623AR	AD623 / AD623AR-REEL7	AD623 / AD623ARMZ	AD623 / AD623ARMZ-REEL
AD623 / AD623ARMZ-REEL7	AD623 / AD623ARZ	AD623 / AD623ARZ-R7	AD623 / AD623ARZ-RL	AD623 / AD623BNZ
AD623 / AD623BRZ	AD623 / AD623BRZ-R7	AD623 / AD623BRZ-RL		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	19-Apr-2018	19-Apr-2018	Initial Release.

Analog Devices, Inc.

DocId:4415 Parent DocId:None Layout Rev:7