



Product/Process Change Notice - PCN 21_0005 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: ADA4077-2 Die Revision & Data Sheet Revision

Publication Date: 01-Feb-2021

Effectivity Date: 06-May-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Die Revision Change:

Moved two series diodes in the gain stage to prevent large signal oscillation. Physical location of the diodes have not changed and were rerouted using metal and via layers.

Data Sheet Changes:

Changed Output Voltage High (Voh) and Output Voltage Low (Vol) over all operating conditions.

Reason For Change:

To improve stability during short-circuit conditions or when driving a heavy capacitive load.

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

There is no impact on the fit, form, and reliability. Functionality of the part will change since the output voltage swing will be lower than previously specified.

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

Cut-Over Date Code provided upon request.

Summary of Supporting Information:

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

Comments

This change will be reflected in Rev F of the ADA4077-1/ADA4077-2/ADA4077-4 data sheet.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_21_0005_Rev_-_ADA4077-2_Qualification_Results_Summary.pdf

Attachment 2: Type: Datasheet Specification Comparison

ADI_PCN_21_0005_Rev_-_Specification_Comparison_ADA4077-2.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)

ADA4077-2 / ADA4077-2ARMZ	ADA4077-2 / ADA4077-2ARMZ-R7	ADA4077-2 / ADA4077-2ARMZ-RL	ADA4077-2 / ADA4077-2ARZ	ADA4077-2 / ADA4077-2ARZ-R7
ADA4077-2 / ADA4077-2ARZ-RL	ADA4077-2 / ADA4077-2BRZ	ADA4077-2 / ADA4077-2BRZ-R7	ADA4077-2 / ADA4077-2BRZ-RL	

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	01-Feb-2021	06-May-2021	Initial Release.

Analog Devices, Inc.

DocId:8404 Parent DocId:8219 Layout Rev:7