



## Product/Process Change Notice - PCN 15\_0285 Rev. -

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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:** ADA4077-1/ADA4077-2/ADA4077-4 Die Revision and Data Sheet Changes

**Publication Date:** 05-Jan-2016

**Effectivity Date:** 04-Apr-2016 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Die Revision Change:  
Additional current sources were added in the output stage.

Data Sheet Changes:  
1. Changed Voh/Vol over all operating conditions.  
2. Decreased Common-mode input voltage range over temperature.

See supporting document for data sheet specification changes.

### Reason For Change

To correct an issue which would cause the output to oscillate when approaching the positive rail and to update the data sheet to accurately reflect device capabilities.

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

There is no impact on the fit, form, and reliability. Functionally of the part will change since the output voltage swing is now balanced and the common-mode input voltage range was decreased over temperature.

### Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Results Summary.

### Comments

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

### Supporting Documents

**Attachment 1: Type:** Datasheet Specification Comparison

ADI\_PCN\_15\_0285\_Rev\_-\_ADA4077-1\_ADA4077-2\_ADA4077-4\_Specification\_Changes.pdf

**Attachment 2: Type:** Qualification Results Summary

ADI\_PCN\_15\_0285\_Rev\_-\_ADA4077-1\_ADA4077-2\_ADA4077-4\_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](mailto:PCN_Americas@analog.com)

**Europe:** [PCN\\_Europe@analog.com](mailto:PCN_Europe@analog.com)

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**Rest of Asia:** [PCN\\_ROA@analog.com](mailto:PCN_ROA@analog.com)

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (24)**

ADA4077-1 / ADA4077-1ARMZ	ADA4077-1 / ADA4077-1ARMZ-R7	ADA4077-1 / ADA4077-1ARMZ-RL	ADA4077-1 / ADA4077-1ARZ	ADA4077-1 / ADA4077-1ARZ-R7
ADA4077-1 / ADA4077-1ARZ-RL	ADA4077-1 / ADA4077-1BRZ	ADA4077-1 / ADA4077-1BRZ-R7	ADA4077-1 / ADA4077-1BRZ-RL	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	ADA4077-4 / ADA4077-4ARUZ	ADA4077-4 / ADA4077-4ARUZ-R7
ADA4077-4 / ADA4077-4ARUZ-RL	ADA4077-4 / ADA4077-4ARZ	ADA4077-4 / ADA4077-4ARZ-R7	ADA4077-4 / ADA4077-4ARZ-RL	

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	05-Jan-2016	04-Apr-2016	Initial Release

Analog Devices, Inc.

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