



Product/Process Change Notice - PCN 09_0279 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Material Report). Any issues with this PCN or requirements to qualify the change (additional data or samples) must be sent to ADI within 30 days of publication date. ADI contact information is listed below.

PCN Title: AD7147A Data sheet, Ball B2 function description change
Publication Date: 22-Dec-2009
Samples Available Date: 14-Dec-2009
Effectivity Date: 22-Dec-2009 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Description of ball B2 changed from No Connect to Test Point - tie to GND.

Reason For Change

From: Ball 2 = No Connect

To: Ball 2 = Test Point - tie to GND.

Ball B2 must be tied to ground. B2 is a test point on the AD7147A, and high levels of noise on this pin could potentially put the AD7147A into a test mode. Tying B2 to ground ensures the part won't go into test mode.

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

Customers with applications in noisy environments may need to change their PCB layout to connect B2 to GND.

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

Applies to all new and existing AD7147A models

Summary of Supporting Information

Revision B of AD7147A data sheet attached.

Supporting Documents

Attachment 1: Type: Revised Datasheet Specification

ADI_PCN_09_0279_Rev_-_AD7147A(RevB).pdf

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

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 (4) | | | |
| AD7147A / AD7147A-1ACBZ-RL | AD7147A / AD7147A-1ACBZ500R7 | AD7147A / AD7147AACBZ-500RL7 | AD7147A / AD7147AACBZ-RL |

| Appendix B - Revision History | | |
|-------------------------------|--------------|-----------------|
| Rev | Publish Date | Rev Description |
| Rev. - | 22-Dec-2009 | Initial Release |