



## Product/Process Change Notice - PCN 13\_0240 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 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:** ADAU1966 Die Revision and Datasheet Changes  
**Publication Date:** 25-Nov-2013  
**Effectivity Date:** 23-Feb-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

- 1) The common-mode buffer output current is being increased.
- 2) Changes to the datasheet are as follows:
  - AVDD = 5.0V Analog Current Normal Operation is changing from typical 82mA to 84mA in table 7.
  - Remove reference AVDD=3.3V operation and AVDD=3.3V specification from datasheet tables 3 and 4. Remove references to CM=1.5V.
  - The description of the SPI burst operating mode has been enhanced.
- 3) The package leadframe is changing to remove a silver ring located on the paddle which is unused. See attachment.

### Reason For Change

- 1) Improve manufacturability.
- 2) Operation of the product at AVDD=3.3V is no longer supported. The ADAU1966A is now the recommended device for use at AVDD=3.3V operation.
- 3) The change to the leadframe is to promote continuous quality improvements and change to standard leadframe used in manufacturing.

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

There will be no change to the device 5V functionality or external package dimensions. There will be an increase of 2mA in supply current on the AVDD pin. There will be no change to the device reliability.

### Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Report Summary.

### Supporting Documents

**Attachment 1: Type:** Detailed Change Description  
ADI\_PCN\_13\_0240\_Rev\_-\_ADAU1966\_dierv\_package.ppt

**Attachment 2: Type:** Qualification Report Summary  
ADI\_PCN\_13\_0240\_Rev\_-\_ADAU1966\_dierv\_qual.doc

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 (2)**

ADAU1966 / ADAU1966WBSTZ

ADAU1966 / ADAU1966WBSTZRL

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	25-Nov-2013	23-Feb-2014	Initial Release

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