



## Product/Process Change Notice - PCN 09\_0224 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:** ADG2128, ADG2188, ADG2108, I2C interface change.  
**Publication Date:** 12-Apr-2010  
**Effectivity Date:** 11-Jul-2010 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Modification of I2C interface to allow multibyte Read/Write functionality.

From: 3-byte Read/Write I2C interface

To: Multibyte Read/Write I2C interface

### Reason For Change

The ADG21xx family was designed to operate with a 3-byte Read/Write I2C interface. The modified interface allows multibyte Read/Write functionality which improves compatibility with I2C interface.

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

The metal edits will not affect form, fit or function. The performance of the part will continue to match the datasheet specification.

### Summary of Supporting Information

Extensive inventory build data has been reviewed to ensure the validity of the modified interface.  
Electrical Characteristic comparison data (available upon request)

**Supporting Documents** None

**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 (24)**

ADG2108 / ADG2108BCPZ-HS-RL7	ADG2108 / ADG2108BCPZ-R2	ADG2108 / ADG2108BCPZ-REEL7	ADG2108 / ADG2108YCPZ-HS-RL7	ADG2108 / ADG2108YCPZ-R2	ADG2108 / ADG2108YCPZ-REEL7
ADG2108 / EVAL-ADG2108EBZ	ADG2128 / ADG2128BCPZ-HS-RL7	ADG2128 / ADG2128BCPZ-REEL	ADG2128 / ADG2128BCPZ-REEL7	ADG2128 / ADG2128WBCPZ-REEL7	ADG2128 / ADG2128YCPZ-HS-RL7
ADG2128 / ADG2128YCPZ-REEL	ADG2128 / ADG2128YCPZ-REEL7	ADG2128 / EVAL-ADG2128EBZ	ADG2188 / ADG2188BCPZ-HS-RL7	ADG2188 / ADG2188BCPZ-R2	ADG2188 / ADG2188BCPZ-REEL7
ADG2188 / ADG2188BCPZ-U1	ADG2188 / ADG2188YCPZ-HS-RL7	ADG2188 / ADG2188YCPZ-R2	ADG2188 / ADG2188YCPZ-REEL7	ADG2188 / ADW54012Z-0REEL7	ADG2188 / EVAL-ADG2188EBZ

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	12-Apr-2010	Initial Release

Analog Devices, Inc.

DocId:892 Parent DocId:None Layout Rev:3