



## Product/Process Change Notice - PCN 16\_0094 Rev. A

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.

*Note: Revised fields are indicated by a red field name. See Appendix B for revision history.*

**PCN Title:** AD6674-750 Die Revision and Data Sheet Change

**Publication Date:** 01-Feb-2017

**Effectivity Date:** 01-Feb-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Removed models AD6674-500 and AD6674-1000 to add to new PCN.

### Description Of Change

Minor metal changes were made.  
Lowered PORB Voltage Threshold typical by 70mV.

Data Sheet has changed as follows:  
Extend absolute maximum thermal junction temperature (Tj)  
From 115C  
To 125C

### Reason For Change

Improved Manufacturability

Enhanced digital test coverage by fixing "At-Speed" Scan.

The extended temperature range eases customer's system level thermal requirements.

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

No change to fit, form, function or reliability.

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

Revision number (R5) available through SPI read back in customer register block.

### Summary of Supporting Information

No qualification was required due to the minor nature of changes.  
Changes will be reflected in Rev. C of the Data Sheet.

**Supporting Documents**      None

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**

**Existing Parts - Product Family / Model Number (2)**

|                         |                            |  |  |  |
|-------------------------|----------------------------|--|--|--|
| AD6674 / AD6674BCPZ-750 | AD6674 / AD6674BCPZRL7-750 |  |  |  |
|-------------------------|----------------------------|--|--|--|

**Removed Parts On All Revisions - Product Family / Model Number (4)**

|                          |                         |                             |                            |  |
|--------------------------|-------------------------|-----------------------------|----------------------------|--|
| AD6674 / AD6674BCPZ-1000 | AD6674 / AD6674BCPZ-500 | AD6674 / AD6674BCPZRL7-1000 | AD6674 / AD6674BCPZRL7-500 |  |
|--------------------------|-------------------------|-----------------------------|----------------------------|--|

**Appendix B - Revision History**

| <b>Rev</b> | <b>Publish Date</b> | <b>Effectivity Date</b> | <b>Rev Description</b>                                       |
|------------|---------------------|-------------------------|--|
| Rev. -     | 26-May-2016         | 24-Aug-2016             | Initial Release  |
| Rev. A     | 01-Feb-2017         | 01-Feb-2017             | Removed models AD6674-500 and AD6674-1000 to add to new PCN. |

Analog Devices, Inc.

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