



## Product/Process Change Notice - PCN 17\_0134 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 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:** ADSP-BF70x Data Sheet Update  
**Publication Date:** 19-Jul-2017  
**Effectivity Date:** 19-Jul-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

The following changes will be made in Table # 28 "Absolute Maximum Ratings", on page # 59 of the Rev B product data sheet:

- 1) Input Voltage rating changed from -0.33V to +3.6V to -0.33V to +3.63V.
- 2) Input Voltage rating for 1.8V has been added (-0.33V to +2.10V).
- 3) DDR2 Input Voltage changed from -0.33V to +1.90V to -0.33V to +2.10V.
- 4) LPDDR Input Voltage added (-0.33V to +2.10V).
- 5) Analog Input Voltage added (-0.2V to VDD\_HADC + 0.2V).

### Reason For Change

To provide users with updated Parameters and Rating information.

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

There is no change to fit, form, functionality or reliability of the product. The change is made to the data sheet only.

### Summary of Supporting Information

A comparison table is attached to this notification.

### Comments

The changes will be included in the Rev B product data sheet.

### Supporting Documents

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

ADI\_PCN\_17\_0134\_Rev\_-\_RevB datasheet.xlsx

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



**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (46)**

ADSP-BF700 / ADSP-BF700BCPZ-2	ADSP-BF700 / ADSP-BF700KCPZ-1	ADSP-BF700 / ADSP-BF700KCPZ-2	ADSP-BF700W-11 / ADBF700WCCPZ211	ADSP-BF701 / ADSP-BF701BBCZ-2
ADSP-BF701 / ADSP-BF701KBCZ-1	ADSP-BF701 / ADSP-BF701KBCZ-2	ADSP-BF701W-11 / ADBF701WCBCZ211	ADSP-BF702 / ADSP-BF702BCPZ-3	ADSP-BF702 / ADSP-BF702BCPZ-4
ADSP-BF702 / ADSP-BF702KCPZ-3	ADSP-BF702 / ADSP-BF702KCPZ-4	ADSP-BF702W-11 / ADBF702WCCPZ311	ADSP-BF702W-11 / ADBF702WCCPZ411	ADSP-BF703 / ADSP-BF703BBCZ-3
ADSP-BF703 / ADSP-BF703BBCZ-4	ADSP-BF703 / ADSP-BF703KBCZ-3	ADSP-BF703 / ADSP-BF703KBCZ-4	ADSP-BF703W-11 / ADBF703WCBCZ311	ADSP-BF703W-11 / ADBF703WCBCZ411
ADSP-BF704 / ADSP-BF704BCPZ-3	ADSP-BF704 / ADSP-BF704BCPZ-4	ADSP-BF704 / ADSP-BF704KCPZ-3	ADSP-BF704 / ADSP-BF704KCPZ-4	ADSP-BF704W-11 / ADBF704WCCPZ311
ADSP-BF704W-11 / ADBF704WCCPZ411	ADSP-BF705 / ADSP-BF705BBCZ-3	ADSP-BF705 / ADSP-BF705BBCZ-4	ADSP-BF705 / ADSP-BF705KBCZ-3	ADSP-BF705 / ADSP-BF705KBCZ-4
ADSP-BF705W-11 / ADBF705WCBCZ311	ADSP-BF705W-11 / ADBF705WCBCZ411	ADSP-BF706 / AD9120TZ	ADSP-BF706 / AD9120TZ-RL	ADSP-BF706 / ADSP-BF706BCPZ-3
ADSP-BF706 / ADSP-BF706BCPZ-4	ADSP-BF706 / ADSP-BF706KCPZ-3	ADSP-BF706 / ADSP-BF706KCPZ-4	ADSP-BF706W-11 / ADBF706WCCPZ311	ADSP-BF706W-11 / ADBF706WCCPZ411
ADSP-BF707 / ADSP-BF707BBCZ-3	ADSP-BF707 / ADSP-BF707BBCZ-4	ADSP-BF707 / ADSP-BF707KBCZ-3	ADSP-BF707 / ADSP-BF707KBCZ-4	ADSP-BF707W-11 / ADBF707WCBCZ311
ADSP-BF707W-11 / ADBF707WCBCZ411				

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	19-Jul-2017	19-Jul-2017	Initial Release

Analog Devices, Inc.

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