



Product/Process Change Notice - PCN 14_0069 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: Datasheet Change for ADSP-BF504, BF504F, BF506F Processors

Publication Date: 19-May-2014

Effectivity Date: 19-May-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

This PCN addresses two (2) changes that are made in the Rev B product datasheet.

(1) In Table #9 (SPORTx Receive Configuration 1 Register (SPORTx_RCR1), the RCKFE setting and description have been updated.

From Rev A datasheet: Setting = 1, Description: Sample data with rising edge of RSCLK.

To Rev B datasheet: Setting = 0, Description: Sample data with falling edge of RSCLK.

(2) Updated Package Outline Drawing to more accurately show the "U" shaped grooves around the exposed pads of the package. (See attached drawing)

Reason For Change

To correct documentation errors present in the Rev A product datasheet.

To accurately reflect device capabilities and package outlines. There is no change to the design or manufacturing of the device.

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

No impact to fit, form, functionality or reliability.

Summary of Supporting Information

The changes will be reflected in Rev B of the product datasheet.

Supporting Documents

Attachment 1: Type: Detailed Change Description

ADI_PCN_14_0069_Rev_-_SW_120_2 RevBdatasheet_UGroove.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 (13)**

ADSP-BF504 / AD91195Z	ADSP-BF504 / ADSP-BF504BCPZ-4	ADSP-BF504 / ADSP-BF504KCPZ-4	ADSP-BF504F / AD91194Z	ADSP-BF504F / ADSP-BF504BCPZ-3F
ADSP-BF504F / ADSP-BF504BCPZ-4F	ADSP-BF504F / ADSP-BF504KCPZ-3F	ADSP-BF504F / ADSP-BF504KCPZ-4F	ADSP-BF506F / AD91196Z	ADSP-BF506F / ADSP-BF506BSWZ-3F
ADSP-BF506F / ADSP-BF506BSWZ-4F	ADSP-BF506F / ADSP-BF506KSWZ-3F	ADSP-BF506F / ADSP-BF506KSWZ-4F		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	19-May-2014	19-May-2014	Initial Release

Analog Devices, Inc.

DocId:2813 Parent DocId:None Layout Rev:7

120-Lead Low Profile Quad Flat Package, Exposed Pad [LQFP_EP]

(SW-120-2)

Dimensions shown in millimeters

