



Product/Process Change Notice - PCN 12_0010 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: Die Revision 0.1 for ADSP-BF504 & ADSP-BF504F Blackfin Processors

Publication Date: 17-Aug-2012

Effectivity Date: 15-Nov-2012 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Die revision 0.1 to fix the following IC anomaly numbers's: #05000469, #05000472, #05000490, #05000495, found in the Rev C IC Anomaly List attached to this PCN.

Changes were made to both metal and via layers to fix the stated anomalies.

Reason For Change

Die revision 0.1 to address multiple silicon anomalies existing in die rev 0.0

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

The functionality of the device is improved as a result of the implemented anomaly fixes. There are no changes to form, fit, functionality or reliability.

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

Die rev 0.1 to be marked on the package of each product.

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: Qualification Report Summary

ADI_PCN_12_0010_Rev_-_ADSP-BF504_BF504F_rev_0_1_PCN_(2).docx

Attachment 2: Type: Detailed Change Description

ADI_PCN_12_0010_Rev_-_ADSP-BF504_BF504F_BF506F_Draft_Blackfin_Anomaly_List_for_Revisions_0.0,_0.1_(Rev_C,_05-03-2012)_DRAFT.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 (6)

ADSP-BF504 / ADSP-BF504BCPZ-4	ADSP-BF504 / ADSP-BF504KCPZ-4	ADSP-BF504F / ADSP-BF504BCPZ-3F	ADSP-BF504F / ADSP-BF504BCPZ-4F	ADSP-BF504F / ADSP-BF504KCPZ-3F
ADSP-BF504F / ADSP-BF504KCPZ-4F				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	17-Aug-2012	15-Nov-2012	Initial Release

Analog Devices, Inc.

DocId:1817 Parent DocId:None Layout Rev:6