



## Product/Process Change Notice - PCN 09\_0185 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 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.

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

**PCN Title:** Change of 8M bit Boot Sector Flash memory used with ADSP-BF538F8 & ADSP-BF539F8 Blackfin Processors

**Publication Date:** 02-Mar-2010

**Effectivity Date:** 01-Aug-2010 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Effectivity date updated to accurately reflect current schedule.  
Parts added.

### Description Of Change

ADI will change the flash memory die used with the ADSP-BF538F8 & ADSP-BF539F8 Blackfin Processors.

The New/ Replacement Flash memory is manufactured by Spansion LLC., Ref.: Spansion part # S29AL008J

### Reason For Change

Spansion has obsoleted the current 8M bit Flash memory product used with ADSP-BF538F8 & ADSP-BF539F8 products.

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

Replacement die is form, fit and functionally equivalent to current 8M bit die. This change is expected to have no impact on customer designs. Customers should consult the Spansion product datasheet for KGD Product # S29AL008J.

### Summary of Supporting Information

A fully compatible flash memory product is undergoing qualification per ADI spec # ADI0012 and per AEC-Q100, prior to Release to Production. See attached qual plan for specific testing.  
Die qualification has been completed by the flash vendor.

### Supporting Documents

**Attachment 1: Type:** Qualification Plan Summary

ADI\_PCN\_09\_0185\_Rev\_A\_ADI\_PCN\_09\_0185\_Rev\_A\_BF53xFQualPlan.doc

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

<b>Americas:</b>	PCN_Americas@analog.com	<b>Europe:</b>	PCN_Europe@analog.com	<b>Japan:</b>	PCN_Japan@analog.com
				<b>Rest of Asia:</b>	PCN_ROA@analog.com

Appendix A - Affected ADI Models					
Existing Parts - Product Family / Model Number (10)					
ADSP-BF538F / ADSP-BF538BBCZ-4F8	ADSP-BF538F / ADSP-BF538BBCZ-5F8	ADSP-BF539F / ADSP-BF539BBCZ-5F8	ADSP-BF539F / ADSP-BF539YBCZ-4F8	ADSP-BF539FW-5 / ADBF539WBBCZ4F805	ADSP-BF539FW-5 / ADBF539WBBCZ5F805
ADSP-BF539FW-5 / ADBF539WYBCZ4F805	ADSP-BF539FW-5 / ADW95013Z-05C	ADSP-BF539FW-5 / ADW95081Z-05	ADSP-BF539FW-5 / ADW95089Z-05		
Added Parts On This Revision - Product Family / Model Number (2)					
ADSP-BF539FW-5 / ADBF539WBBCZ4F805			ADSP-BF539FW-5 / ADW95013Z-05C		

Appendix B - Revision History		
Rev	Publish Date	Rev Description
Rev. -	25-Sep-2009	Initial Release
Rev. A	02-Mar-2010	Effectivity date updated to accurately reflect current schedule. Parts added.

Analog Devices, Inc.

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