



Product Discontinuance Notice - PDN 13_0091 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

This notice is to inform you of a product discontinuance for certain ADI products (see Discontinued Parts Material List below). Any issues with this PDN must be sent to ADI as soon as possible. The information contained within this PDN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

PDN Title:

Obsolescence and Replacement Options for ADSP-BF512F, BF514F, BF516F and BF518F Processors with Flash Memory.

Publication Date: 07-Nov-2013

Last Time Buy Date: 20-Dec-2013

Last Time Ship Date: 20-Jun-2014

Reason For Discontinuance

The Flash memory vendor for the ADSP-BF51xF products has announced obsolescence of the 4M bit SPI Flash memory used for this product family.

ADI was able to purchase limited quantities of the remaining 4M bit Flash memory product before the obsolescence period expired.

Comments

Replacement products are being qualified within ADI at this time.

The existing products will be replaced with a larger, 16M bit Flash memory size, however the replacement flash memory requires a 3.3V power supply, where the original flash memory required a 1.8V power supply.

A DRAFT specifications document, highlighting differences in the old vs newflash memory is included with this notice and will be incorporated into the product data sheet at the time the products are released to production.

Samples of the replacement products are available by ordering part numbers:
ADSP-BF518FKSWZENG (for the LQFP_EP package)& ADSP-BF518FKBCZENG (for the CSP_BGA package).

Supporting Documents

Attachment 1: Type: Comparison Document

ADI_PDN_13_0091_Rev_-_BF51x_ds_revDCMP_2013-10-21.pdf

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

Americas: PDN_Americas@analog.com	Europe: PDN_Europe@analog.com	Japan: PDN_Japan@analog.com
		Rest of Asia: PDN_ROA@analog.com

PDN 13_0091 Discontinued Parts Material List

Model	Product Family	Replacement Part	Pin To Pin Compatible	Comments
ADSP-BF512BBCZ-4F4	ADSP-BF512F	ADSP-BF514BBCZ4F16	Yes	
ADSP-BF512BSWZ-4F4	ADSP-BF512F	ADSP-BF514BSWZ4F16	Yes	
ADSP-BF512KBCZ-4F4	ADSP-BF512F	ADSP-BF514BBCZ4F16	Yes	
ADSP-BF512KSWZ-4F4	ADSP-BF512F	ADSP-BF514BSWZ4F16	Yes	

ADSP-BF514BBCZ-4F4	ADSP-BF514F	ADSP-BF514BBCZ4F16	Yes	
ADSP-BF514BSWZ-4F4	ADSP-BF514F	ADSP-BF514BSWZ4F16	Yes	
ADSP-BF514KBCZ-4F4	ADSP-BF514F	ADSP-BF514BBCZ4F16	Yes	
ADSP-BF514KSWZ-4F4	ADSP-BF514F	ADSP-BF514BSWZ4F16	Yes	
ADSP-BF516BBCZ-4F4	ADSP-BF516F	ADSP-BF518BBCZ4F16	Yes	
ADSP-BF516BSWZ-4F4	ADSP-BF516F	ADSP-BF518BSWZ4F16	Yes	
ADSP-BF516KBCZ-4F4	ADSP-BF516F	ADSP-BF518BBCZ4F16	Yes	
ADSP-BF516KSWZ-4F4	ADSP-BF516F	ADSP-BF518BSWZ4F16	Yes	
ADSP-BF518BBCZ-4F4	ADSP-BF518F	ADSP-BF518BBCZ4F16	Yes	
ADSP-BF518BSWZ-4F4	ADSP-BF518F	ADSP-BF518BSWZ4F16	Yes	

Appendix A - PDN 13_0091 Revision History

Rev	Publish Date	Rev Description
Rev. -	07-Nov-2013	Initial Release

Analog Devices, Inc. Proprietary Information

DocId:705 Layout Rev:2 Parent DocId:None