



## Product/Process Change Notice - PCN 13\_0188 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 changes for Blackfin ADSP-BF531/ BF532/ BF533 Processors

**Publication Date:** 28-Aug-2013

**Effectivity Date:** 28-Aug-2013 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

In Rev I of the ADSP-BF531/ BF532/ BF533 product datasheet, the following changes have been incorporated:

- 1) Pg #15, Development Tools: Adding information for CrossCore Development Tools.
- 2) Pg #20, VIL changed from 2.25V to 2.75V.
- 3) Pg #36, Serial Ports Enable and Three-State: 2 footnotes have been added.
- 4) Pg #41, Timer Cycle Timing: Added specifications for tTIH, tTIS, tTOD.
- 5) Pg #64, Added new product ADSP-BF533SBBC400 to ordering guide.

### Reason For Change

Updated datasheet to reflect current changes.

VIL changed to more accurately represent the VIL specification.

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

Changes have no affect on Fit, Form, Function or Reliability of the products.

### Summary of Supporting Information

See Rev I datasheet.

**Supporting Documents**      None

**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 (97)**

ADSP-BF531 / AD91180Z	ADSP-BF531 / ADSP-BF531SBB400	ADSP-BF531 / ADSP-BF531SBBC400	ADSP-BF531 / ADSP-BF531SBBCZ400	ADSP-BF531 / ADSP-BF531SBBCZ4RL
ADSP-BF531 / ADSP-BF531SBBZ400	ADSP-BF531 / ADSP-BF531SBSTZ400	ADSP-BF531SST / ADSP-BF531SBBCZC52	ADSP-BF531SST / ADSP-BF531SBBCZC92	ADSP-BF531SST / ADSP-BF531SBSTZC70
ADSP-BF531SSTD / ADSST-BF-AVR-1010	ADSP-BF531SSTD / ADSST-BF-HMS-1056	ADSP-BF531SSTD / ADSST-IP2140	ADSP-BF531SSTD / ADSST-MPEG-BF531Z	ADSP-BF531SSTD / ADSST-SB-1011
ADSP-BF531SSTD / ADSST-V34-BCS30Z	ADSP-BF531SSTD / ADSST-V34-BM3121BL	ADSP-BF531SSTD / ADSST-V90-BCS30Z	ADSP-BF531SSTD / ADSST-V90-BM3131BC	ADSP-BF531SSTD / ADSST-V90-BSM10Z
ADSP-BF531SSTD / ADSST-V90-BSM20Z	ADSP-BF531W-06 / ADBF531WBBC406	ADSP-BF531W-06 / ADBF531WBBC406RL	ADSP-BF531W-06 / ADBF531WBBCZ406	ADSP-BF531W-06 / ADBF531WBBCZ406RL
ADSP-BF531W-06 / ADBF531WBBZ406	ADSP-BF531W-06 / ADBF531WBSTZ406	ADSP-BF531W-06 / ADBF531WYBC406RL	ADSP-BF531W-06 / ADBF531WYBCZ406	ADSP-BF531W-06 / ADW95059Z-06
ADSP-BF531W-06 / ADW95067Z-06RL	ADSP-BF531W-06 / ADW95086-06	ADSP-BF531W-06 / ADW95086-06RL	ADSP-BF531W-06 / ADW95086Z-06	ADSP-BF531W-06 / ADW95086Z-06RL
ADSP-BF531W-06 / ADW95102Z-06RL	ADSP-BF531W-06 / ADW95103Z-06	ADSP-BF532 / ADSP-BF532SBBC400	ADSP-BF532 / ADSP-BF532SBBCZ400	ADSP-BF532 / ADSP-BF532SBBZ400
ADSP-BF532 / ADSP-BF532SBSTZ400	ADSP-BF532-D / ADSST-V34-PCMNEC3Z	ADSP-BF532SST / ADSP-BF532SBSTZC50	ADSP-BF532SST / ADSST-NAV25Z-EV	ADSP-BF532SSTD / ADSST-BF-HMS-1010
ADSP-BF532W-06 / ADBF532WBBCZ406	ADSP-BF532W-06 / ADBF532WBBZ406	ADSP-BF532W-06 / ADBF532WBSTZ406	ADSP-BF532W-06 / ADBF532WYBCZ406	ADSP-BF532W-06 / ADBF532WYBZ406
ADSP-BF532W-06 / ADW95037Z-06	ADSP-BF532W-06 / ADW95043Z-06	ADSP-BF532W-06 / ADW95050Z-06	ADSP-BF532W-06 / ADW95090Z-06	ADSP-BF532W-06 / ADW95100Z-06
ADSP-BF532W-06 / ADW95109Z-06	ADSP-BF532W-06 / ADW95109Z-06RL	ADSP-BF533 / AD91181Z	ADSP-BF533 / ADSP-BF533SBB500	ADSP-BF533 / ADSP-BF533SBBC-5V
ADSP-BF533 / ADSP-BF533SBBC500	ADSP-BF533 / ADSP-BF533SBBCZ-5V	ADSP-BF533 / ADSP-BF533SBBCZ500	ADSP-BF533 / ADSP-BF533SBBZ500	ADSP-BF533 / ADSP-BF533SKBC-6V
ADSP-BF533 / ADSP-BF533SKBCZ-6V	ADSP-BF533 / ADSP-BF533SKSTZ-5V	ADSP-BF533L / ADSP-BF533SBBC400	ADSP-BF533L / ADSP-BF533SBBCZ400	ADSP-BF533L / ADSP-BF533SBBZ400
ADSP-BF533L / ADSP-BF533SBSTZ400	ADSP-BF533L / ADSP-BF533YBCZ-4A	ADSP-BF533SST / ADSP-BF533SKBCZ6VC	ADSP-BF533SST / ADSP-BF533SKSTZ6VC	ADSP-BF533SSTD / ADSST-BF-AVR-1170
ADSP-BF533SSTD / ADSST-BF-HMS-1033	ADSP-BF533SSTD / ADSST-BF-HMS-1058	ADSP-BF533SSTD / ADSST-BF-HMS-1060	ADSP-BF533SSTD / ADSST-BF-HMS-1066	ADSP-BF533SSTD / ADSST-BF-HMS-1067
ADSP-BF533SSTD / ADSST-BMM-224Z	ADSP-BF533SSTD / ADSST-DR-07Z	ADSP-BF533SSTD / ADSST-DR-08Z	ADSP-BF533SSTD / ADSST-DR-12Z	ADSP-BF533SSTD / ADSST-DRM-01Z
ADSP-BF533SSTD / ADSST-IP-1112-AF	ADSP-BF533SSTD / ADSST-IP2150	ADSP-BF533SSTD / ADSST-IP2153	ADSP-BF533SSTD / ADSST-MP3-9031PEAV	ADSP-BF533SSTD / ADSST-MPEG-1025Z
ADSP-BF533SSTD / ADSST-SB-1010	ADSP-BF533W-06 / ADBF533WBBCZ506	ADSP-BF533W-06 / ADBF533WBBZ506	ADSP-BF533W-06 / ADBF533WYBCZ406	ADSP-BF533W-06 / ADBF533WYBZ406
ADSP-BF533W-06 / ADW95044Z-06	ADSP-BF533W-06 / ADW95104Z-06			

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	28-Aug-2013	28-Aug-2013	Initial Release

Analog Devices, Inc.

DocId:2502 Parent DocId:None Layout Rev:7