



# Product/Process Change Notice - PCN 10\_0112 Rev. A

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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.

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

**PCN Title:** Datasheet Update for ADSP-BF531/BF532/BF533 Products  
**Publication Date:** 09-Jun-2010  
**Effectivity Date:** 09-Jun-2010 (the earliest date that a customer could expect to receive changed material)

### Revision Description:

Updating attached supporting document to remove incorrect datasheet revision reference

### Description Of Change

Updates have been made to Serial Peripheral Interface Ports - Master & Slave Timing Requirements for ADSP-BF531/BF532/BF533 Products. See attachment for details and comparison of previous specifications vs revised timing specifications.  
  
\*Attachment shows revised specifications which appear in Rev G datasheet)

### Reason For Change

Updating datasheet to accurately reflect device capabilities. There is no change to the product design.

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

No impact on fit, form, functionality or reliability.

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

### Summary of Supporting Information

An electrical characteristic comparison has been performed to ensure the validity of revised specifications. Supporting data will be made available upon request.

### Supporting Documents

**Attachment 1: Type:** Datasheet Specification Comparison  
ADI\_PCN\_10\_0112\_Rev\_A\_Datasheet\_RevG.ppt

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 (130)**

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-BF531C / ADSP-BF531SBBZC74	ADSP-BF531C / ADSP-BF531SBBCZ92	ADSP-BF531C / ADSP-BF531SBSTZC43	ADSP-BF531C / ADSP-BF531SBSTZC70	ADSP-BF531W / ADW95015-RL	ADSP-BF531W / ADW95059Z-05
ADSP-BF531W / ADW95067Z-05	ADSP-BF531W / ADW95067Z-05RL	ADSP-BF531W / ADW99012Z-05	ADSP-BF531W06 / ADBF531WBBC406	ADSP-BF531W06 / ADBF531WBBC406RL	ADSP-BF531W06 / ADBF531WBBCZ406
ADSP-BF531W06 / ADBF531WBBCZ406RL	ADSP-BF531W06 / ADBF531WBBCZ406	ADSP-BF531W06 / ADBF531WBSTZ406	ADSP-BF531W06 / ADBF531WYBC406RL	ADSP-BF531W06 / ADBF531WYBCZ406	ADSP-BF531W06 / ADW95059Z-06
ADSP-BF531W06 / ADW95067Z-06RL	ADSP-BF531W06 / ADW95086-06RL	ADSP-BF532 / ADSP-BF532SBBC400	ADSP-BF532 / ADSP-BF532SBBCZ400	ADSP-BF532 / ADSP-BF532SBBZ400	ADSP-BF532 / ADSP-BF532SBSTZ400
ADSP-BF532C / ADSP-BF532SBBCZC11	ADSP-BF532C / ADSP-BF532SBSTZC50	ADSP-BF532C / ADSP-BF532SBSTZC51	ADSP-BF532C / ADSP-BF532SBBCZ-C76	ADSP-BF532W / ADW95037Z	ADSP-BF532W / ADW95043Z-04
ADSP-BF532W06 / ADBF532WBBCZ406	ADSP-BF532W06 / ADBF532WBBCZ406	ADSP-BF532W06 / ADBF532WBSTZ406	ADSP-BF532W06 / ADBF532WYBCZ406	ADSP-BF532W06 / ADBF532WYBZ406	ADSP-BF532W06 / ADW95037Z-06
ADSP-BF532W06 / ADW95050-06	ADSP-BF532W06 / ADW95050Z-06	ADSP-BF532W06 / ADW95090Z-06	ADSP-BF532W06 / ADW95100Z-06	ADSP-BF533 / AD91110Z-RL	ADSP-BF533 / ADSP-BF533SBB500
ADSP-BF533 / ADSP-BF533SBBC-5V	ADSP-BF533 / ADSP-BF533SBBC500	ADSP-BF533 / ADSP-BF533SBBC-5V	ADSP-BF533 / ADSP-BF533SBBCZ500	ADSP-BF533 / ADSP-BF533SBBZ500	ADSP-BF533 / ADSP-BF533SKBC-6V
ADSP-BF533 / ADSP-BF533SKBC600	ADSP-BF533 / ADSP-BF533SKBC750	ADSP-BF533 / ADSP-BF533SKBC-6V	ADSP-BF533 / ADSP-BF533SKBCZ600	ADSP-BF533 / ADSP-BF533SKSTZ-5V	ADSP-BF533C / AD91089Z
ADSP-BF533C / ADSP-BF533SBBCZ5VC	ADSP-BF533C / ADSP-BF533SBBCZC10	ADSP-BF533C / ADSP-BF533SBBCZC70	ADSP-BF533C / ADSP-BF533SBBZ-C33	ADSP-BF533C / ADSP-BF533SKBCZ6VC	ADSP-BF533C / ADSP-BF533SKBCZC71
ADSP-BF533C / ADSP-BF533SKSTZ5VC	ADSP-BF533L / ADSP-BF533SBBC400	ADSP-BF533L / ADSP-BF533SBBCZ400	ADSP-BF533L / ADSP-BF533SBBZ400	ADSP-BF533L / ADSP-BF533SBSTZ400	ADSP-BF533W / ADW95044Z-05
ADSP-BF533W06 / ADBF533WBBCZ506	ADSP-BF533W06 / ADBF533WBBCZ506	ADSP-BF533W06 / ADBF533WYBCZ406	ADSP-BF533W06 / ADBF533WYBZ406	ADSP-BF533W06 / ADW95044Z-06	SST-AUDIO / ADSST-AUDIO-8010
SST-AUDIO / ADSST-BF-HMS-1010	SST-AUDIO / ADSST-BF-HMS-1012	SST-AUDIO / ADSST-BF-HMS-1013	SST-AUDIO / ADSST-BF-HMS-1050	SST-AUDIO / ADSST-BF-HMS-1055	SST-AUDIO / ADSST-BF-HMS-1056
SST-AUDIO / ADSST-BF-HMS-1057	SST-AUDIO / ADSST-BF-HMS-1058	SST-AUDIO / ADSST-BF-HMS-1059	SST-AUDIO / ADSST-BF-HMS-1065	SST-AUDIO / ADSST-BF-HMS-1066	SST-AUDIO / ADSST-BF-HMS-1067
SST-AUDIO / ADSST-HP-1000	SST-AUDIO / ADSST-MP3-9025	SST-AUDIO / ADSST-MP3-9030	SST-AUDIO / ADSST-MP3-9031PEAV	SST-AUDIO / ADSST-MP3-9032FORS	SST-AUDIO / ADSST-MP3-9040E
SST-AUDIO / ADSST-MP3-9050E	SST-AUDIO / ADSST-MPEG-1015Z	SST-AUDIO / ADSST-MPEG-1025Z	SST-AUDIO / ADSST-MPEG-8901Z	SST-AUDIO / ADSST-MPEG-BF531Z	SST-AUDIO / ADSST-MPEG-BF535Z
SST-AVR / ADSST-BF-AVR-1010	SST-AVR / ADSST-BF-AVR-1170	SST-GPS / ADSST-NAV2519Z	SST-MOD / ADSST-BMM-224Z	SST-MOD / ADSST-V34-BCS1215Z	SST-MOD / ADSST-V34-BCS230LZ
SST-MOD / ADSST-V34-BCS230Z	SST-MOD / ADSST-V34-BCS30Z	SST-MOD / ADSST-V34-BM3121BL	SST-MOD / ADSST-V90-BCS230LZ	SST-MOD / ADSST-V90-BCS230Z	SST-MOD / ADSST-V90-BCS30Z
SST-MOD / ADSST-V90-BM3131BC	SST-MOD / ADSST-V90-BSM10Z	SST-MOD / ADSST-V90-BSM20Z	SST-RADIO / ADSST-BF-HMS-1060	SST-RADIO / ADSST-DR-01Z	SST-RADIO / ADSST-DR-07Z
SST-RADIO / ADSST-DR-08Z	SST-RADIO / ADSST-WS-01Z	SST-VIDEO / ADSST-IP-1112-AF	SST-VIDEO / ADSST-IP1000-01	SST-VIDEO / ADSST-IP2000N-00	SST-VIDEO / ADSST-IP2140
SST-VIDEO / ADSST-IP2150	SST-VIDEO / ADSST-NC8129	SST-VIDEO / ADSST-NC8130	SST-VIDEO / ADSST-NC8136		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	14-May-2010	Initial Release
Rev. A	09-Jun-2010	Updating attached supporting document to remove incorrect datasheet revision reference

Analog Devices, Inc.

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