



## Product/Process Change Notice - PCN 09\_0152 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:** AD9552 Datasheet Change  
**Publication Date:** 26-Aug-2009  
**Samples Available Date:**  
**Effectivity Date:** 26-Aug-2009 *(the earliest date that a customer could expect to receive changed material)*

### Description Of Change

Correction to the input reference frequency range as it appears in the Rev0 datasheet.

### Reason For Change

The input reference frequency range in the Rev0 datasheet is incorrectly listed as 6.6 MHz to 125 MHz. The frequency range actually depends on how the device is configured, resulting in the both the minimum and maximum value being less than the limit stated in the Rev0 datasheet.

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

No impact on material (datasheet error, only).

No impact on fit, form or reliability.

The only significant impact to function relates to customers that require the 125 MHz maximum input reference frequency (as listed erroneously in the Rev0 datasheet), because the actual device performance limit is 112.5 MHz maximum (see the Summary of Supporting Information section and Supporting Document for details).

### Summary of Supporting Information

Further review of the characterization data reveals that the input reference frequency range is dependent on the device configuration. Specifically, there are two MIN input frequency limits and four MAX input frequency limits. See details in attached supporting document.

### Comments

The datasheet will be updated with the revised limits as soon as possible and released as RevA. The RevA datasheet will be posted to the Analog Devices website when it becomes available.

### Supporting Documents

**Attachment 1:** ADI\_PCN\_09\_0152\_Rev\_-\_Table for PCN 09\_0152.doc

**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 (3)**

AD9552 / AD9552/PCBZ

AD9552 / AD9552BCPZ

AD9552 / AD9552BCPZ-REEL7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	26-Aug-2009	Initial Release

Analog Devices, Inc.

DocId:799 Parent DocId:None