



Product/Process Change Notice - PCN 10_0303 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: AD9833 Datasheet Correction

Publication Date: 01-Nov-2010

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

Revision Description:

Initial Release

Description Of Change

Change in title,

From "Low Power 20 mW, 2.3 V to 5.5 V, Programmable Waveform Generator".

To "Low Power 12.65 mW, 2.3 V to 5.5 V, Programmable Waveform Generator".

Change in features

From 20mW power consumption To 12.65mW power consumption.

Figure 7 - Measurements for Typical Idd Versus Fout were specified up to 100KHz Fout. They are now specified up to 12MHz Fout.

Reason For Change

Datasheet is being updated to accurately reflect device capabilities. There is no change to product design. The 20mW Power consumption specification was for the AD9834 and not the AD9833. The 12.65mW is based on max Idd at min voltage.

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

This datasheet specification will have no impact on the form, fit, function quality or reliability of the device.

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

Not applicable as product has not changed.

Summary of Supporting Information

This change is reflected in AD9833 Rev C datasheet.

Supporting Documents

Attachment 1: Type: Revised Datasheet Specification

ADI_PCN_10_0303_Rev_-_AD9833c.pdf

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 (7)

AD9833 / AD9833BRM	AD9833 / AD9833BRM-REEL	AD9833 / AD9833BRM-REEL7	AD9833 / AD9833BRMZ	AD9833 / AD9833BRMZ-REEL	AD9833 / AD9833BRMZ-REEL7
AD9833 / AD9833WBRMZ-REEL					

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	01-Nov-2010	Initial Release

Analog Devices, Inc.

DocId:1339 Parent DocId:None Layout Rev.4