



Product/Process Change Notice - PCN 08_0162 Rev. C

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

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 receiving this notification. The information contained within this PCN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

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

PCN Title: AD5764, AD5764R and AD5744R Redesign (Metal Layer Edit) and Datasheet Update
Publication Date: 04-Sep-2009
Samples Available Date: 14-Sep-2009
Effectivity Date: 14-Sep-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

To improve product manufacturability, a metal layer edit was necessary. As a result of this update, the following data sheet parameters will change:

T6 Timing Spec:
FROM: 40ns min
TO: 90ns min

Readback operations are guaranteed over the full DV_{CC} supply range of 2.7V to 5.25V

Reason For Change

The timing specifications change is necessary to improve manufacturability.

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

Some customers may need to revise their system to ensure reliable operation.

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

Effective with datecode 0930

Summary of Supporting Information

Qualification testing was performed and the qual report RQR04741 is available on request.

Supporting Documents

Attachment 1: ADI_PCN_08_0162_Rev_C_RQR04741B.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

Existing Parts - Product Family / Model Number (8)

AD5744R / AD5744RCSUZ	AD5744R / AD5744RCSUZ-REEL7	AD5764 / AD5764ASUZ	AD5764 / AD5764BSUZ	AD5764 / AD5764CSUZ	AD5764 / AD5764CSUZ-REEL7
AD5764R / AD5764RBSUZ	AD5764R / AD5764RCSUZ				

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	19-Dec-2008	Initial Release
Rev. A	06-Jan-2009	Original 08_0162 issued in December 2008 listed effectivity date of December 19, 2009 in error in Product Identification section. Correct to list December 19, 2008.
Rev. B	11-Aug-2009	To reverse the change in DVcc operating range for a successful readback. After a metal layer change, readback is now guaranteed operational over the full DVcc operating range of 2.7V to 5.25V and timing specification t6 is also revised.
Rev. C	04-Sep-2009	Revision B included an error where T6 was specified as a max specification, this revision corrects that error and specifies T6 as a min specification.

Analog Devices, Inc.

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