



Product/Process Change Notice - PCN 22_0065 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887, USA

This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title: Data Sheet Revision for AD9543/AD9545/AD9546

Publication Date: 08-Aug-2022

Effectivity Date: 10-Nov-2022 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

In I2C Mode Specifications table, the SCL/SDA Fall Time, tF entry: In the Test Conditions/Comments column, the following is introduced: Min specification requires configuring SDIO/SDA pin for low drive strength (bit 7 in register 0x0109 set to 1).

In I2C Mode Specifications table, the Data Hold Time, tHD;DAT entry: In the Test Conditions/Comments column, the following is introduced: Not compliant with the I2C specification of 0 μ s min, 0.9 μ s max in fast mode

Reason For Change:

Adding Test Conditions/Comments for certain I2C timing entries.

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

These changes do not have any impact on fit, form, function or reliability.

Summary of Supporting Information:

Changes in this PCN will be reflected in the AD9543 and AD9546 data sheet rev A and in the AD9545 data sheet rev D.

Supporting Documents

Attachment 1: Type: Detailed Change Description

ADI_PCN_22_0065_Rev_-_AD9543_AD9545_AD9546_I2C_PCN_proposed_changes_20220209b.pdf

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

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 (6)

AD9543 / AD9543BCPZ	AD9543 / AD9543BCPZ-REEL7	AD9545 / AD9545BCPZ	AD9545 / AD9545BCPZ-REEL7	AD9546 / AD9546BCPZ
AD9546 / AD9546BCPZ-REEL7				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	08-Aug-2022	10-Nov-2022	Initial Release.

Analog Devices, Inc.

DocId:8843 Parent DocId:None Layout Rev:8