



Product/Process Change Notice - PCN 20_0336 Rev. -

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 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: AD9543 Data Sheet Specification Changes Related to the System Clock Input

Publication Date: 26-Jan-2021

Effectivity Date: 30-Apr-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Specification changes:

System Clock Inputs, XOB and XOB specification table:

- a) Comment added to REFERENCE INPUT path heading: "Do not enable the frequency doubler when using the REFERENCE INPUT path."
- b) Removal of the System Clock Input Doubler specification from the Input Frequency Range specification in the REFERENCE INPUT path section of the table.
- c) Removal of the System Clock Input Doubler Duty Cycle specification from the REFERENCE INPUT path section of the table.
- d) Addition of a Duty Cycle specification to the REFERENCE INPUT path section of the table with 40%/60% Min/Max limits.
- e) Comment added to the CRYSTAL RESONATOR path heading: "The crystal resonator path includes an optional frequency doubler".
- f) The Max specification for the crystal resonator increases from 60 MHz to 80 MHz.

All the changes apply to Table 4 on pg. 6 of the AD9543 Rev0 Product Data Sheet.

Reason For Change:

Data Sheet clarification only.

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

The changes described above have no impact on fit, form or reliability of the device.

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

Summary of Supporting Information:

No qualification required. These changes will be reflected in Product Data Sheet Rev A.

Supporting Documents None

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

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Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (2)

AD9543 / AD9543BCPZ

AD9543 / AD9543BCPZ-REEL7

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	26-Jan-2021	30-Apr-2021	Initial Release.

Analog Devices, Inc.

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