



Product/Process Change Notice - PCN 25_0246 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. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.

PCN Title:	AD9253 Data Sheet Specification Change
Publication Date:	02-Oct-2025
Effectivity Date:	02-Oct-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

Gain Error Data Sheet limit change for Speed Grade:
80MSPS from -10 - 0 %FSR to -7.53 - +2.67 %FSR
105MSPS from -10 - 0 %FSR to -7.82 - +3.47 %FSR
125MSPS from -10 - 0 %FSR to -8.56 - +4.0 %FSR

Gain Matching Data Sheet limit change for Speed Grade:
80MSPS from Max of 1.6 %FSR to Max 4.96 %FSR
105MSPS from Max of 1.6 %FSR to Max 5.2 %FSR
125MSPS from Max of 1.6 %FSR to Max 5.43 %FSR

Reason For Change:

Data Sheet is being updated to accurately reflect device capabilities. There is no change to product design.

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

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

Summary of Supporting Information:

These changes are reflected in Revision E of the Product Data Sheet.

Supporting Documents:

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_25_0246_Rev_-_AD9253 Data Sheet Comparison.pdf

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

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

Americas:	Europe:	Japan:	Korea:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (8)

AD9253 / AD9253BCPZ-105

AD9253 / AD9253BCPZ-125

AD9253 / AD9253BCPZ-80

AD9253 / AD9253BCPZRL7-105

AD9253 / AD9253BCPZRL7-125

AD9253 / AD9253BCPZRL7-80

AD9253 / AD9253TCPZ-125EP

AD9253 / AD9253TCPZR7-125EP

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	02-Oct-2025	02-Oct-2025	Initial Release.