



Product/Process Change Notice - PCN 24_0286 Rev. A

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.

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

PCN Title:	Data Sheet Revision for AD5428/AD5440/AD5447
Publication Date:	29-Jan-2025
Effectivity Date:	29-Jan-2025 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Add and removed parts.

Description Of Change:

Data Sheet correction:
Table 2 Timing Characteristics:
1) T4 10 ns min -> 10 ns typ.
2) T5 0 ns min -> 10 ns typ.

Figure 2. Timing Diagram:

1) Reference edge of T4 and T5 changed from rising edge of CS to falling edge of CS.

Reason For Change:

The data sheet is being updated to accurately reflect device capabilities.

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

This is a correction to the Product Data Sheet only with no change to product parameters. There is no anticipated impact on fit, form, function, or reliability.

Summary of Supporting Information:

The changes will be incorporated into Revision E of the Product Data Sheet.

Supporting Documents:

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_24_0286_Rev_A_AD542X 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:

Existing Parts - Product Family / Model Number (6)

AD5428 / AD5428YRUZ AD5428 / AD5428YRUZ-REEL AD5428 / AD5428YRUZ-REEL7 AD5440 / AD5440YRUZ AD5440 / AD5440YRUZ-REEL
AD5440 / AD5440YRUZ-REEL7

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (3)

AD5447 / AD5447YRUZ AD5447 / AD5447YRUZ-REEL AD5447 / AD5447YRUZ-REEL7

Appendix A - Affected ADI Models::

Removed Parts On All Revisions - Product Family / Model Number (2)

AD5547 / AD5547BRUZ AD5547 / AD5547CRUZ

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	20-Jan-2025	20-Jan-2025	Initial Release.
Rev. A	29-Jan-2025	29-Jan-2025	Add and removed parts.