Product/Process Change Notice - PCN 22_0267 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:	AD9694-EP Data Sheet Revision
Publication Date:	15-May-2023
Effectivity Date:	31-May-2023 *(the earliest date that a customer could expect to receive changed material)*
Revision Description:	Initial Release.

Description Of Change:

Gain Error Limit change. see details in the Supporting Documents section of this PCN for details.

Reason For Change:

Values corrected to reflect actual recommendation and part performance.

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

No change to fit, form, function, or reliability.

Summary of Supporting Information:

Changes will be reflected in Rev. A of the Product Data Sheet. See attached data sheet comparison detail.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_22_0267_Rev_-_Data Sheet Specification Comparison_AD9694-EP R...

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:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (1)

AD9694 / AD9694TCPZ-500-EP

Appendix B - Revision History:			
Rev	**Publish Date**	**Effectivity Date**	**Rev Description**
Rev. -	15-May-2023	31-May-2023	Initial Release.

AD9694-EP: Gain Error

Gain Error in Data Sheet Rev. 0

ACCURACY				
No Missing Codes		Guaranteed		
Offset Error		0		% FSR
Offset Matching		0		% FSR
Gain Error	−5.0		+5.0	% FSR
Gain Matching		1.0	3.7	% FSR
Differential Nonlinearity (DNL)	−0.7	±0.4	+0.7	LSB
Integral Nonlinearity (INL)	−5.1	±1.0	+5.1	LSB

FROM:

Parameter	Min	Typ	Max	Unit
Gain Error	-5.0		+5.0	%FSR

Note: Page 4 of 15 under Table Accuracy

Gain Error specified in Data Sheet Rev. A

ACCURACY				
No Missing Codes		Guaranteed		
Offset Error		0		% FSR
Offset Matching		0		% FSR
Gain Error	16		24	% FSR
Gain Matching		1.0	3.7	% FSR
Differential Nonlinearity (DNL)	−0.7	±0.4	+0.7	LSB
Integral Nonlinearity (INL)	−5.1	±1.0	+5.1	LSB

TO:

Parameter	Min	Typ	Max	Unit
Gain Error	16		24	%FSR