



Product/Process Change Notice - PCN 25_0243 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:	ADUM7442S Data Sheet Limit Revision
Publication Date:	10-Nov-2025
Effectivity Date:	12-Feb-2026 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

TABLE IIB – LIFE TEST/BURN-IN DELTA LIMITS (VDD1 = VDD2 = 3.0V and VDD1 = VDD2 = 5.5V, F=25MHz)

1. IDD1 Dynamic Supply Current VDD1=VDD2=5V, 25MBPS - changed from +/-1mA to +/-2mA.
2. IDD2 Dynamic Supply Current VDD1=VDD2=5V, 25MBPS - changed from +/-0.5mA to +/-2mA.
3. IDD1 Quiescent Supply Current VDD, VDD1=VDD2=5V - changed from +/-0.2mA to +/-0.4mA.
4. IDD2 Quiescent Supply Current VDD, VDD1=VDD2=5V - changed from +/-0.1mA to +/-0.35mA.

Reason For Change:

To facilitate improvement in manufacturing capability.

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

This datasheet revision does not affect the product's fit, form, function, or reliability.

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

Products shipped after the effectivity date will be tested according to the new limits and can be identified by date code 2525 and later.

Summary of Supporting Information:

The changes will be reflected in the new Product Data Sheet, Revision E.

Supporting Documents:

Attachment 1: Type: Revised Datasheet Specification

ADI_PCN_25_0243_Rev_-_Revised Data Sheet Specification_ASD0016550E.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 (5)

ADUM7442S / ADUM7442AF-EMX	ADUM7442S / ADUM7442R001F	ADUM7442S / ADUM7442R002F	ADUM7442S / ADUM7442R004F	ADUM7442S / ADUM7442R703F
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Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	10-Nov-2025	12-Feb-2026	Initial Release.