



Product/Process Change Notice - PCN 21_0068 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887

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: AD8422 Data Sheet Update

Publication Date: 26-Apr-2021

Effectivity Date: 26-Apr-2021 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release.

Description Of Change:

Data sheet changes:

1. Output noise originally listed as a max spec for MSOP/SOIC package. Aligned all packages to typical spec.
2. Updated Input Operating Voltage Range data sheet limits.
3. Updated Input Voltage vs Supply Voltage figure. See figure 32
4. Updated thermal resistance rating change from 100 to 131 for R-8 package, and 162 to 151 for RM-8 package.

Reason For Change:

Evaluation of the current material due to a package extension project showed that there is a need to update above mentioned data sheet specifications.

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

No impact on fit, form, function, and reliability. Data Sheet changes only.

Summary of Supporting Information:

Specification changes will be reflected in revision B of the Product Data Sheet. See attached Final Datasheet file and DS Changes Summary.

Supporting Documents

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_21_0068_Rev_-_DS_Changes Summary.pdf

Attachment 2: Type: Revised Datasheet Specification

ADI_PCN_21_0068_Rev_-_AD8422_Final Datasheet.pdf

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

Rest of Asia:
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Appendix A - Affected ADI Models**Added Parts On This Revision - Product Family / Model Number (13)**

AD8422 / AD8422ARMZ	AD8422 / AD8422ARMZ-R7	AD8422 / AD8422ARMZ-RL	AD8422 / AD8422ARZ	AD8422 / AD8422ARZ-R7
AD8422 / AD8422ARZ-RL	AD8422 / AD8422BRMZ	AD8422 / AD8422BRMZ-R7	AD8422 / AD8422BRMZ-RL	AD8422 / AD8422BRZ
AD8422 / AD8422BRZ-R7	AD8422 / AD8422BRZ-RL	AD8422 / AD8422XCPZ-R7		

Appendix B - Revision History

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

Analog Devices, Inc.

DocId:8478 Parent DocId:None Layout Rev:7