



Product/Process Change Notice - PCN 16_0269 Rev. -

Analog Devices, Inc. Three Technology Way Norwood, Massachusetts 02062-9106

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: ADuM4400/ADuM4401/ADuM4402 Die Revision and Data Sheet Change

Publication Date: 12-Dec-2016

Effectivity Date: 12-Mar-2017 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Die:
Increased pulse width of disable signal for refresh block. Increased separation between refresh high pulses and falling edge pulses.
Increased minimum separation between refresh low edge pulses and rising edge pulses by increasing edge look ahead time.

Data Sheet:
Increased minimum operating voltage from 2.7V to 3.0V.

Reason For Change

To ensure continuity of supply through improved manufacturability.

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

No change to fit, form, or reliability.
Devices will not be recommended for use with power supply voltages below 3.0V.

Summary of Supporting Information

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary. Changes will be reflected in Rev D of the data sheet.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_16_0269_Rev_-_ADuM440x_SOIC_RW_Qual_Results_Summary.pdf

Attachment 2: Type: Qualification Results Summary

ADI_PCN_16_0269_Rev_-_ADuM440x_SOIC_IC_Qual_Results_Summary.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: PCN_ROA@analog.com

Appendix A - Affected ADI Models

Added Parts On This Revision - Product Family / Model Number (36)

ADUM4400 / ADUM4400ARIZ	ADUM4400 / ADUM4400ARIZ-RL	ADUM4400 / ADUM4400ARWZ	ADUM4400 / ADUM4400ARWZ-RL	ADUM4400 / ADUM4400BRIZ
ADUM4400 / ADUM4400BRIZ-RL	ADUM4400 / ADUM4400BRWZ	ADUM4400 / ADUM4400BRWZ-RL	ADUM4400 / ADUM4400CRIZ	ADUM4400 / ADUM4400CRIZ-RL
ADUM4400 / ADUM4400CRWZ	ADUM4400 / ADUM4400CRWZ-RL	ADUM4401 / ADUM4401ARIZ	ADUM4401 / ADUM4401ARIZ-RL	ADUM4401 / ADUM4401ARWZ
ADUM4401 / ADUM4401ARWZ-RL	ADUM4401 / ADUM4401BRIZ	ADUM4401 / ADUM4401BRIZ-RL	ADUM4401 / ADUM4401BRWZ	ADUM4401 / ADUM4401BRWZ-RL
ADUM4401 / ADUM4401CRIZ	ADUM4401 / ADUM4401CRIZ-RL	ADUM4401 / ADUM4401CRWZ	ADUM4401 / ADUM4401CRWZ-RL	ADUM4402 / ADUM4402ARIZ
ADUM4402 / ADUM4402ARIZ-RL	ADUM4402 / ADUM4402ARWZ	ADUM4402 / ADUM4402ARWZ-RL	ADUM4402 / ADUM4402BRIZ	ADUM4402 / ADUM4402BRIZ-RL
ADUM4402 / ADUM4402BRWZ	ADUM4402 / ADUM4402BRWZ-RL	ADUM4402 / ADUM4402CRIZ	ADUM4402 / ADUM4402CRIZ-RL	ADUM4402 / ADUM4402CRWZ
ADUM4402 / ADUM4402CRWZ-RL				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	12-Dec-2016	12-Mar-2017	Initial Release

Analog Devices, Inc.

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