



Product/Process Change Notice - PCN 14_0211 Rev. A

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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.

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

PCN Title: ADUM2400/01/02 Die Revision

Publication Date: 30-Mar-2015

Effectivity Date: 28-Jun-2015 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Add ADuM2400/01/02 Increased Creepage Package (SOIC_IC) Models

Description Of Change

Design Changes:

1. Increased pulse width of disable signal for refresh block. Increased separation between falling edge of disable signal for refresh block and first refresh high pulse. Increased separation between consecutive pulses on rising edge and refresh high pulses.
2. Reduced the internal propagation delay time of receiver circuitry.

Reason For Change

1. Ensure the driver can reliably send out the refresh pulses. Ensure the receiver can reliably detect all edge pulses and refresh pulses.
2. Maintain the same total device propagation delay time as the original version.

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

No change to fit, form, or reliability.
No change to the data sheet.
Improved functionality.

Summary of Supporting Information

Qualification has been performed per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Report Summary.

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_14_0211_Rev_A_ADuM240x Die Rev Qual Summary_RI Package.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**Existing Parts - Product Family / Model Number (18)**

ADUM2400 / ADUM2400ARWZ-RL	ADUM2400 / ADUM2400ARwZ	ADUM2400 / ADUM2400BRWZ-RL	ADUM2400 / ADUM2400BRwZ	ADUM2400 / ADUM2400CRWZ-RL
ADUM2400 / ADUM2400CRwZ	ADUM2401 / ADUM2401ARWZ-RL	ADUM2401 / ADUM2401ARwZ	ADUM2401 / ADUM2401BRWZ-RL	ADUM2401 / ADUM2401BRwZ
ADUM2401 / ADUM2401CRWZ-RL	ADUM2401 / ADUM2401CRwZ	ADUM2402 / ADUM2402ARWZ-RL	ADUM2402 / ADUM2402ARwZ	ADUM2402 / ADUM2402BRWZ-RL
ADUM2402 / ADUM2402BRwZ	ADUM2402 / ADUM2402CRWZ-RL	ADUM2402 / ADUM2402CRwZ		

Added Parts On This Revision - Product Family / Model Number (18)

ADUM2400 / ADUM2400ARIZ	ADUM2400 / ADUM2400ARIZ-RL	ADUM2400 / ADUM2400BRIZ	ADUM2400 / ADUM2400BRIZ-RL	ADUM2400 / ADUM2400CRIZ
ADUM2400 / ADUM2400CRIZ-RL	ADUM2401 / ADUM2401ARIZ	ADUM2401 / ADUM2401ARIZ-RL	ADUM2401 / ADUM2401BRIZ	ADUM2401 / ADUM2401BRIZ-RL
ADUM2401 / ADUM2401CRIZ	ADUM2401 / ADUM2401CRIZ-RL	ADUM2402 / ADUM2402ARIZ	ADUM2402 / ADUM2402ARIZ-RL	ADUM2402 / ADUM2402BRIZ
ADUM2402 / ADUM2402BRIZ-RL	ADUM2402 / ADUM2402CRIZ	ADUM2402 / ADUM2402CRIZ-RL		

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	20-Jan-2015	20-Apr-2015	Initial Release
Rev. A	30-Mar-2015	28-Jun-2015	Add ADuM2400/01/02 Increased Creepage Package (SOIC_IC) Models

Analog Devices, Inc.

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