



## Product/Process Change Notice - PCN 14\_0211 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:** ADUM2400/01/02 Die Revision

**Publication Date:** 20-Jan-2015

**Effectivity Date:** 20-Apr-2015 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### 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\_-\_ADuM240x Die Rev Qualification 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



**Appendix A - Affected ADI Models****Added Parts On This Revision - 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		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	20-Jan-2015	20-Apr-2015	Initial Release

Analog Devices, Inc.

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