



Product/Process Change Notice - PCN 14_0065 Rev. A

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 Material Report). Any issues with this PCN or requirements to qualify the change (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: Datasheet Revision to iCoupler Digital Isolators UL 1577 Protection Level

Publication Date: 15-May-2014

Effectivity Date: 15-May-2014 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Add addendum to more thoroughly describe the purpose of the PCN.

Description Of Change

In the Regulatory Information table of the datasheet, The UL 1577 protection level is being corrected to properly reflect the certification achieved.

Reason For Change

UL previously granted "Double/reinforced insulation" certification for several digital isolator products. A subsequent change in the test methodology caused those products to no longer meet the "Double/reinforced insulation" requirements, resulting in a reclassification to "Single protection." The certification documentation (available on the ADI web site) was updated to reflect this change, but the data sheets listed on this PCN were not. They are now being updated to reflect the correct UL protection level.

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

No impact on device characteristics in any way. This is simply a documentation change impacting the data sheets. The agency certification documents available on the ADI web site have always been correct.

Summary of Supporting Information

No qualification required since design and test are unchanged. This change will be reflected in the product data sheet revisions as follows:

ADuM1300/1301: Rev. J
ADUM1310/1311: Rev. I
ADuM1400/1401/1402: Rev. I
ADUM1410/1411/1412: Rev. J
ADuM1510: Rev. C
ADUM3300/3301: Rev. C
ADUM3400/3401/3402: Rev. C
ADuM3400W/3401W/3402W: Rev. A
ADuM6132: Rev. B
AD80273: Rev. SpA

Comments

No design or test changes are being made, therefore fit, form, function and reliability are all unaffected. The 1-second production proof test required by UL 1577 remains, and all limits and conditions remain unchanged.

Supporting Documents

Attachment 1: Type: Detailed Change Description

ADI_PCN_14_0065_Rev_A_Addendum.docx

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representative

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 (239)

ADUM1300 / ADUM1300ARW	ADUM1300 / ADUM1300ARW-RL	ADUM1300 / ADUM1300ARWZ	ADUM1300 / ADUM1300ARWZ-RL	ADUM1300 / ADUM1300BRWZ
ADUM1300 / ADUM1300BRWZ-RL	ADUM1300 / ADUM1300CRW	ADUM1300 / ADUM1300CRW-RL	ADUM1300 / ADUM1300CRWZ	ADUM1300 / ADUM1300CRWZ-RL
ADUM1300 / ADUM1300WSRWZ	ADUM1300 / ADUM1300WSRWZ-RL	ADUM1300 / ADUM1300WSRWZ33	ADUM1300 / ADUM1300WSRWZ33-RL	ADUM1300 / ADUM1300WSRWZ35
ADUM1300 / ADUM1300WSRWZ35-RL	ADUM1300 / ADUM1300WSRWZ53	ADUM1300 / ADUM1300WSRWZ53-RL	ADUM1300 / ADUM1300WSRWZ55	ADUM1300 / ADUM1300WSRWZ55-RL
ADUM1300 / ADUM1300WTRWZ	ADUM1300 / ADUM1300WTRWZ-RL	ADUM1300 / ADUM1300WTRWZ33	ADUM1300 / ADUM1300WTRWZ33-RL	ADUM1300 / ADUM1300WTRWZ35
ADUM1300 / ADUM1300WTRWZ35-RL	ADUM1300 / ADUM1300WTRWZ53	ADUM1300 / ADUM1300WTRWZ53-RL	ADUM1300 / ADUM1300WTRWZ55	ADUM1300 / ADUM1300WTRWZ55-RL
ADUM1301 / ADUM1301ARW	ADUM1301 / ADUM1301ARW-RL	ADUM1301 / ADUM1301ARWZ	ADUM1301 / ADUM1301ARWZ-RL	ADUM1301 / ADUM1301BRW
ADUM1301 / ADUM1301BRW-RL	ADUM1301 / ADUM1301BRWZ	ADUM1301 / ADUM1301BRWZ-RL	ADUM1301 / ADUM1301CRW	ADUM1301 / ADUM1301CRWZ
ADUM1301 / ADUM1301CRWZ-RL	ADUM1301 / ADUM1301WSRWZ	ADUM1301 / ADUM1301WSRWZ-RL	ADUM1301 / ADUM1301WSRWZ33	ADUM1301 / ADUM1301WSRWZ33-RL
ADUM1301 / ADUM1301WSRWZ35	ADUM1301 / ADUM1301WSRWZ35-RL	ADUM1301 / ADUM1301WSRWZ53	ADUM1301 / ADUM1301WSRWZ53-RL	ADUM1301 / ADUM1301WSRWZ55
ADUM1301 / ADUM1301WSRWZ55-RL	ADUM1301 / ADUM1301WTRWZ	ADUM1301 / ADUM1301WTRWZ-RL	ADUM1301 / ADUM1301WTRWZ33	ADUM1301 / ADUM1301WTRWZ33-RL
ADUM1301 / ADUM1301WTRWZ35	ADUM1301 / ADUM1301WTRWZ35-RL	ADUM1301 / ADUM1301WTRWZ53	ADUM1301 / ADUM1301WTRWZ53-RL	ADUM1301 / ADUM1301WTRWZ55
ADUM1301 / ADUM1301WTRWZ55-RL	ADUM1310 / ADUM1310ARWZ	ADUM1310 / ADUM1310ARWZ-RL	ADUM1310 / ADUM1310BRWZ	ADUM1310 / ADUM1310BRWZ-RL
ADUM1311 / ADUM1311ARWZ	ADUM1311 / ADUM1311ARWZ-RL	ADUM1311 / ADUM1311BRWZ	ADUM1311 / ADUM1311BRWZ-RL	ADUM1400 / ADUM1400ARW
ADUM1400 / ADUM1400ARW-RL	ADUM1400 / ADUM1400ARWZ	ADUM1400 / ADUM1400ARWZ-RL	ADUM1400 / ADUM1400BRW	ADUM1400 / ADUM1400BRW-RL
ADUM1400 / ADUM1400BRWZ	ADUM1400 / ADUM1400BRWZ-RL	ADUM1400 / ADUM1400CRW	ADUM1400 / ADUM1400CRW-RL	ADUM1400 / ADUM1400CRWZ
ADUM1400 / ADUM1400CRWZ-RL	ADUM1400 / ADUM1400WSRWZ	ADUM1400 / ADUM1400WSRWZ-RL	ADUM1400 / ADUM1400WSRWZ33	ADUM1400 / ADUM1400WSRWZ33-RL
ADUM1400 / ADUM1400WSRWZ35	ADUM1400 / ADUM1400WSRWZ35-RL	ADUM1400 / ADUM1400WSRWZ53	ADUM1400 / ADUM1400WSRWZ53-RL	ADUM1400 / ADUM1400WSRWZ55
ADUM1400 / ADUM1400WSRWZ55-RL	ADUM1400 / ADUM1400WTRWZ	ADUM1400 / ADUM1400WTRWZ-RL	ADUM1400 / ADUM1400WTRWZ33	ADUM1400 / ADUM1400WTRWZ33-RL
ADUM1400 / ADUM1400WTRWZ35	ADUM1400 / ADUM1400WTRWZ35-RL	ADUM1400 / ADUM1400WTRWZ53	ADUM1400 / ADUM1400WTRWZ53-RL	ADUM1400 / ADUM1400WTRWZ55
ADUM1400 / ADUM1400WTRWZ55-RL	ADUM1401 / ADUM1401ARW	ADUM1401 / ADUM1401ARW-RL	ADUM1401 / ADUM1401ARWZ	ADUM1401 / ADUM1401ARWZ-RL
ADUM1401 / ADUM1401BRW	ADUM1401 / ADUM1401BRW-RL	ADUM1401 / ADUM1401BRWZ	ADUM1401 / ADUM1401BRWZ-RL	ADUM1401 / ADUM1401CRW
ADUM1401 / ADUM1401CRW-RL	ADUM1401 / ADUM1401CRWZ	ADUM1401 / ADUM1401CRWZ-RL	ADUM1401 / ADUM1401WSRWZ	ADUM1401 / ADUM1401WSRWZ-RL
ADUM1401 / ADUM1401WSRWZ33	ADUM1401 / ADUM1401WSRWZ33-RL	ADUM1401 / ADUM1401WSRWZ35	ADUM1401 / ADUM1401WSRWZ35-RL	ADUM1401 / ADUM1401WSRWZ53
ADUM1401 / ADUM1401WSRWZ53-RL	ADUM1401 / ADUM1401WSRWZ55	ADUM1401 / ADUM1401WSRWZ55-RL	ADUM1401 / ADUM1401WTRWZ	ADUM1401 / ADUM1401WTRWZ-RL
ADUM1401 / ADUM1401WTRWZ33	ADUM1401 / ADUM1401WTRWZ33-RL	ADUM1401 / ADUM1401WTRWZ35	ADUM1401 / ADUM1401WTRWZ35-RL	ADUM1401 / ADUM1401WTRWZ53
ADUM1401 / ADUM1401WTRWZ53-RL	ADUM1401 / ADUM1401WTRWZ55	ADUM1401 / ADUM1401WTRWZ55-RL	ADUM1401 / ADUM1401YRW-RL	ADUM1402 / ADUM1402ARW
ADUM1402 / ADUM1402ARW-RL	ADUM1402 / ADUM1402ARWZ	ADUM1402 / ADUM1402ARWZ-RL	ADUM1402 / ADUM1402BRW	ADUM1402 / ADUM1402BRWZ
ADUM1402 / ADUM1402BRWZ-RL	ADUM1402 / ADUM1402CRW	ADUM1402 / ADUM1402CRW-RL	ADUM1402 / ADUM1402CRWZ	ADUM1402 / ADUM1402CRWZ-RL
ADUM1402 / ADUM1402WSRWZ	ADUM1402 / ADUM1402WSRWZ-RL	ADUM1402 / ADUM1402WSRWZ33	ADUM1402 / ADUM1402WSRWZ33-RL	ADUM1402 / ADUM1402WSRWZ35
ADUM1402 / ADUM1402WSRWZ35-RL	ADUM1402 / ADUM1402WSRWZ53	ADUM1402 / ADUM1402WSRWZ53-RL	ADUM1402 / ADUM1402WSRWZ55	ADUM1402 / ADUM1402WSRWZ55-RL
ADUM1402 / ADUM1402WTRWZ	ADUM1402 / ADUM1402WTRWZ-RL	ADUM1402 / ADUM1402WTRWZ33	ADUM1402 / ADUM1402WTRWZ33-RL	ADUM1402 / ADUM1402WTRWZ35
ADUM1402 / ADUM1402WTRWZ35-RL	ADUM1402 / ADUM1402WTRWZ53	ADUM1402 / ADUM1402WTRWZ53-RL	ADUM1402 / ADUM1402WTRWZ55	ADUM1402 / ADUM1402WTRWZ55-RL
ADUM1410 / ADUM1410ARWZ	ADUM1410 / ADUM1410ARWZ-RL	ADUM1410 / ADUM1410BRWZ	ADUM1410 / ADUM1410BRWZ-RL	ADUM1411 / AD80273ARWZ
ADUM1411 / AD80273ARWZ-RL	ADUM1411 / ADUM1411ARWZ	ADUM1411 / ADUM1411ARWZ-RL	ADUM1411 / ADUM1411BRWZ	ADUM1411 / ADUM1411BRWZ-RL
ADUM1412 / ADUM1412ARWZ	ADUM1412 / ADUM1412ARWZ-RL	ADUM1412 / ADUM1412BRWZ	ADUM1412 / ADUM1412BRWZ-RL	ADUM1510 / ADUM1510BRWZ
ADUM1510 / ADUM1510BRWZ-RL	ADUM3300 / ADUM3300ARWZ	ADUM3300 / ADUM3300ARWZ-RL	ADUM3300 / ADUM3300BRWZ	ADUM3300 / ADUM3300BRWZ-RL
ADUM3300 / ADUM3300CRWZ	ADUM3300 / ADUM3300CRWZ-RL	ADUM3300 / ADUM3300WARWZ	ADUM3300 / ADUM3300WARWZ-RL	ADUM3300 / ADUM3300WBRWZ
ADUM3300 / ADUM3300WBRWZ-RL	ADUM3301 / ADUM3301ARWZ	ADUM3301 / ADUM3301ARWZ-RL	ADUM3301 / ADUM3301BRWZ	ADUM3301 / ADUM3301BRWZ-RL
ADUM3301 / ADUM3301CRWZ	ADUM3301 / ADUM3301CRWZ-RL	ADUM3301 / ADUM3301WARWZ	ADUM3301 / ADUM3301WARWZ-RL	ADUM3301 / ADUM3301WBRWZ
ADUM3301 / ADUM3301WBRWZ-RL	ADUM3400 / ADUM3400ARWZ	ADUM3400 / ADUM3400ARWZ-RL	ADUM3400 / ADUM3400BRWZ	ADUM3400 / ADUM3400BRWZ-RL
ADUM3400 / ADUM3400CRWZ	ADUM3400 / ADUM3400CRWZ-RL	ADUM3400 / ADUM3400TRWZ-EP	ADUM3400 / ADUM3400TRWZ-EP-RL	ADUM3400 / ADUM3400WARWZ
ADUM3400 / ADUM3400WARWZ-RL	ADUM3400 / ADUM3400WBRWZ	ADUM3400 / ADUM3400WBRWZ-RL	ADUM3401 / ADUM3401ARWZ	ADUM3401 / ADUM3401ARWZ-RL
ADUM3401 / ADUM3401BRWZ	ADUM3401 / ADUM3401BRWZ-RL	ADUM3401 / ADUM3401CRWZ	ADUM3401 / ADUM3401CRWZ-RL	ADUM3401 / ADUM3401TRWZ-EP
ADUM3401 / ADUM3401TRWZ-EP-RL	ADUM3401 / ADUM3401WARWZ	ADUM3401 / ADUM3401WARWZ-RL	ADUM3401 / ADUM3401WBRWZ	ADUM3401 / ADUM3401WBRWZ-RL
ADUM3402 / ADUM3402ARWZ	ADUM3402 / ADUM3402ARWZ-RL	ADUM3402 / ADUM3402BRWZ	ADUM3402 / ADUM3402BRWZ-RL	ADUM3402 / ADUM3402CRWZ
ADUM3402 / ADUM3402CRWZ-RL	ADUM3402 / ADUM3402TRWZ-EP	ADUM3402 / ADUM3402TRWZ-EP-RL	ADUM3402 / ADUM3402WARWZ	ADUM3402 / ADUM3402WARWZ-RL
ADUM3402 / ADUM3402WBRWZ	ADUM3402 / ADUM3402WBRWZ-RL	ADUM6132 / ADUM6132ARWZ	ADUM6132 / ADUM6132ARWZ-RL	

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	18-Apr-2014	18-Apr-2014	Initial Release
Rev. A	15-May-2014	15-May-2014	Add addendum to more thoroughly describe the purpose of the PCN.

Analog Devices, Inc.

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