



## Product/Process Change Notice - PCN 12\_0121 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 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.

**PCN Title:** ADuM7240/ADuM7241 Data Sheet Specification Change

**Publication Date:** 22-May-2012

**Effectivity Date:** 22-May-2012 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

5V/5V operating condition,

#### Table 2

Change ADuM7240 IDD1 1Mbps Max current from 2.7mA to 2.8mA  
Change ADuM7240 IDD2 1Mbps Max current from 2.0mA to 2.2mA  
Change ADuM7240 IDD1 25Mbps Max current from 20mA to 21mA  
Change ADuM7240 IDD2 25Mbps Max current from 3.6mA to 5.7mA  
Change ADuM7241 IDD1 25Mbps Max current from 12mA to 13mA  
Change ADuM7241 IDD2 25Mbps Max current from 11mA to 12mA

#### Table 3

Change IDDI(Q)Max from 1.2mA to 1.4mA  
Change IDDO(Q)Max from 0.95mA to 1.1mA

3.3V/3.3V operating condition,

#### Table 5

Change ADuM7240 IDD1 1Mbps Max current from 1.9mA to 2.0mA  
Change ADuM7240 IDD2 1Mbps Max current from 1.5mA to 1.6mA  
Change ADuM7241 IDD1 1Mbps Max current from 1.7mA to 1.8mA  
Change ADuM7241 IDD2 1Mbps Max current from 1.7mA to 1.8mA  
Change ADuM7240 IDD1 25Mbps Max current from 14mA to 15mA  
Change ADuM7240 IDD2 25Mbps Max current from 2.5mA to 4.4mA  
Change ADuM7241 IDD1 25Mbps Max current from 8.0mA to 9.2mA  
Change ADuM7241 IDD2 25Mbps Max current from 7.2mA to 8.2mA

#### Table 6

Change IDDI(Q)Max from 0.83mA to 1.0mA  
Change IDDO(Q)Max from 0.68mA to 0.80mA

5V/3.3V operating condition,

#### Table 8

Change ADuM7240 IDD1 1Mbps Max current from 2.8mA to 2.9mA  
Change ADuM7240 IDD2 1Mbps Max current from 1.5mA to 1.6mA  
Change ADuM7240 IDD1 25Mbps Max current from 18mA to 21mA  
Change ADuM7240 IDD2 25Mbps Max current from 2.3mA to 3.6mA

#### Table 9

Change IDDI(Q)Max from 1.2mA to 1.45mA  
Change IDDO(Q)Max from 0.67mA to 0.80mA

3.3V/5V operating condition,

#### Table 11

Change ADuM7240 IDD1 1Mbps Max current from 1.9mA to 2.0mA  
Change ADuM7240 IDD2 1Mbps Max current from 2.0mA to 2.1mA  
Change ADuM7240 IDD1 25Mbps Max current from 14mA to 15mA  
Change ADuM7240 IDD2 25Mbps Max current from 3.4mA to 4.8mA

Table 12  
 Change IDDI(Q)Max from 0.83mA to 1.0mA  
 Change IDDO(Q)Max from 0.90mA to 1.1mA

**Reason For Change**

Updating data sheet to accurately reflect device capabilities. There is no change to the product design.

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

There is no change in the product design or operation of the device, therefore there will be no impact on Fit, Form Function and Reliability of the device.

**Summary of Supporting Information**

Changes will be reflected in Rev. A of the ADuM7240 / ADuM7241 data sheet.

**Supporting Documents**      None

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

<b>Americas:</b>	PCN_Americas@analog.com	<b>Europe:</b>	PCN_Europe@analog.com	<b>Japan:</b>	PCN_Japan@analog.com
				<b>Rest of Asia:</b>	PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (8)**

ADUM7240 / ADUM7240ARZ-RL7	ADUM7240 / ADUM7240CRZ-RL7	ADUM7240 / ADuM7240ARZ	ADUM7240 / ADuM7240CRZ	ADUM7241 / ADUM7241ARZ-RL7
ADUM7241 / ADUM7241CRZ-RL7	ADUM7241 / ADuM7241ARZ	ADUM7241 / ADuM7241CRZ		

**Appendix B - Revision History**

Rev	Publish Date	Rev Description
Rev. -	22-May-2012	Initial Release

Analog Devices, Inc.

DocId:1975 Parent DocId:None Layout Rev:6