



## Product/Process Change Notice - PCN 17\_0007 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:** Assembly Site Transfer to ASE Chungli and Addition of a Polyimide Passivation Layer to the ADuM7240/ADuM7241 Devices

**Publication Date:** 02-Feb-2017

**Effectivity Date:** 03-May-2017 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

**Assembly Site:**

ADI has qualified and will be utilizing assembly subcontractor ASE Chungli, Taiwan for assembly of 8L SOIC\_N Isolator products. ADI has qualified ASE Chungli's standard bill of materials in the SOIC\_N package. See BOM attachment for details.

**Die:**

Adding a polyimide passivation layer on top of the ADuM7240IC2 die.

### Reason For Change

**Assembly Site:**

To align with ADI's isolator manufacturing strategy. The use of ADI qualified ASE Chungli as an assembly site for this package will ensure continued source of product supply. ADI's assembly subcontractors manufacture our products using Analog Devices specified manufacturing flows, process controls and monitors. This assures that our customers receive the same level of quality and reliability on products they receive from qualified ADI manufacturing locations.

**Die:**

Polyimide offers the following advantages: improved ESD robustness, enhanced protection against die scratches, package stresses, surface ESD/EOS events and radiation.

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

Changes will not impact fit, form or function.

### Summary of Supporting Information

Qualification has been performed per Industry Standard Test Methods. See attached Qualification Results Summary.

---

### Supporting Documents

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_17\_0007\_Rev\_-\_ADuM724x\_Qual\_Results\_Summary.pdf

**Attachment 2: Type:** Detailed Change Description

ADI\_PCN\_17\_0007\_Rev\_-\_ADuM724x\_SOIC\_N\_Material\_Set\_Comparison.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 (8)**

ADUM7240 / ADUM7240ARZ	ADUM7240 / ADUM7240ARZ-RL7	ADUM7240 / ADUM7240CRZ	ADUM7240 / ADUM7240CRZ-RL7	ADUM7241 / ADUM7241ARZ
ADUM7241 / ADUM7241ARZ-RL7	ADUM7241 / ADUM7241CRZ	ADUM7241 / ADUM7241CRZ-RL7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	02-Feb-2017	03-May-2017	Initial Release

Analog Devices, Inc.

DocId:3992 Parent DocId:3929 Layout Rev:7