



Product/Process Change Notice - PCN 15_0165 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: Addition of a Polyimide Layer for ADuM7440/ADuM7441/ADuM7442 Devices

Publication Date: 19-Aug-2015

Effectivity Date: 17-Nov-2015 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

ADI will add a polyimide passivation layer on top of the existing coil die.

Reason For Change

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

Numerous ADI products have always had a polyimide passivation layer on top of their die. These products have proven highly reliable through numerous qualifications and many years of field application.

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

Changes to the device will not impact fit, function, quality or reliability.

Summary of Supporting Information

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

Supporting Documents

Attachment 1: Type: Qualification Results Summary

ADI_PCN_15_0165_Rev_-_ADuM744x_Qual_Results_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

Rest of Asia: PCN_ROA@analog.com

Appendix A - Affected ADI Models**Added Parts On This Revision - Product Family / Model Number (12)**

ADUM7440 / ADUM7440ARQZ	ADUM7440 / ADUM7440ARQZ-RL7	ADUM7440 / ADUM7440CRQZ	ADUM7440 / ADUM7440CRQZ-RL7	ADUM7441 / ADUM7441ARQZ
ADUM7441 / ADUM7441ARQZ-RL7	ADUM7441 / ADUM7441CRQZ	ADUM7441 / ADUM7441CRQZ-RL7	ADUM7442 / ADUM7442ARQZ	ADUM7442 / ADUM7442ARQZ-RL7
ADUM7442 / ADUM7442CRQZ	ADUM7442 / ADUM7442CRQZ-RL7			

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	19-Aug-2015	17-Nov-2015	Initial Release

Analog Devices, Inc.

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