



## Product/Process Change Notice - PCN 20\_0303 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:** ADuM6000/ADuM620x/ADuM640x Polyimide Insulation Material Change and Polyimide Overcoat

**Publication Date:** 19-Nov-2020

**Effectivity Date:** 21-Feb-2021 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**  
Initial Release.

### Description Of Change:

1. Change in Polyimide material formulation used in the insulation process on power coil die.
2. Additional layer of Polyimide passivation on top of the non-coil dice.

### Reason For Change:

1. Transition away from a Polyimide insulation material in obsolescence. The new Polyimide material formulation will continue to support the safety certifications obtained with the original Polyimide insulation.
2. Polyimide overcoats offer 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:

No change to fit, form, or reliability. No change to the data sheet.

### Product Identification *(this section will describe how to identify the changed material)*

The changed material will be identifiable via a cut over date code which will be defined after PCN acceptance.

### 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\_20\_0303\_Rev\_-\_Qualification Results Summary for ADuM6x0x Polyimide Change.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 (68)**

ADUM6000 / ADUM6000ARIZ	ADUM6000 / ADUM6000ARIZ-RL	ADUM6000 / ADUM6000ARWZ	ADUM6000 / ADUM6000ARWZ-RL	ADUM6200 / ADUM6200ARIZ
ADUM6200 / ADUM6200ARIZ-RL	ADUM6200 / ADUM6200ARWZ	ADUM6200 / ADUM6200ARWZ-RL	ADUM6200 / ADUM6200CRIZ	ADUM6200 / ADUM6200CRIZ-RL
ADUM6200 / ADUM6200CRWZ	ADUM6200 / ADUM6200CRWZ-RL	ADUM6201 / ADUM6201ARIZ	ADUM6201 / ADUM6201ARIZ-RL	ADUM6201 / ADUM6201ARWZ
ADUM6201 / ADUM6201ARWZ-RL	ADUM6201 / ADUM6201CRIZ	ADUM6201 / ADUM6201CRIZ-RL	ADUM6201 / ADUM6201CRWZ	ADUM6201 / ADUM6201CRWZ-RL
ADUM6202 / ADUM6202ARIZ	ADUM6202 / ADUM6202ARIZ-RL	ADUM6202 / ADUM6202ARWZ	ADUM6202 / ADUM6202ARWZ-RL	ADUM6202 / ADUM6202CRIZ
ADUM6202 / ADUM6202CRIZ-RL	ADUM6202 / ADUM6202CRWZ	ADUM6202 / ADUM6202CRWZ-RL	ADUM6400 / ADUM6400ARIZ	ADUM6400 / ADUM6400ARIZ-RL
ADUM6400 / ADUM6400ARWZ	ADUM6400 / ADUM6400ARWZ-RL	ADUM6400 / ADUM6400CRIZ	ADUM6400 / ADUM6400CRIZ-RL	ADUM6400 / ADUM6400CRWZ
ADUM6400 / ADUM6400CRWZ-RL	ADUM6401 / ADUM6401ARIZ	ADUM6401 / ADUM6401ARIZ-RL	ADUM6401 / ADUM6401ARWZ	ADUM6401 / ADUM6401ARWZ-RL
ADUM6401 / ADUM6401CRIZ	ADUM6401 / ADUM6401CRIZ-RL	ADUM6401 / ADUM6401CRWZ	ADUM6401 / ADUM6401CRWZ-RL	ADUM6402 / ADUM6402ARIZ
ADUM6402 / ADUM6402ARIZ-RL	ADUM6402 / ADUM6402ARWZ	ADUM6402 / ADUM6402ARWZ-RL	ADUM6402 / ADUM6402CRIZ	ADUM6402 / ADUM6402CRIZ-RL
ADUM6402 / ADUM6402CRWZ	ADUM6402 / ADUM6402CRWZ-RL	ADUM6403 / ADUM6403ARIZ	ADUM6403 / ADUM6403ARIZ-RL	ADUM6403 / ADUM6403ARWZ
ADUM6403 / ADUM6403ARWZ-RL	ADUM6403 / ADUM6403CRIZ	ADUM6403 / ADUM6403CRIZ-RL	ADUM6403 / ADUM6403CRWZ	ADUM6403 / ADUM6403CRWZ-RL
ADUM6404 / ADUM6404ARIZ	ADUM6404 / ADUM6404ARIZ-RL	ADUM6404 / ADUM6404ARWZ	ADUM6404 / ADUM6404ARWZ-RL	ADUM6404 / ADUM6404CRIZ
ADUM6404 / ADUM6404CRIZ-RL	ADUM6404 / ADUM6404CRWZ	ADUM6404 / ADUM6404CRWZ-RL		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	19-Nov-2020	21-Feb-2021	Initial Release.

Analog Devices, Inc.

DocId:8305 Parent DocId:None Layout Rev:7