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:	Europe:	Japan:	Rest of Asia:		
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	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				
Rev	Publish Date	Effectivity Date	Rev Description	
Rev	19-Nov-2020	21-Feb-2021	Initial Release.	

Analog Devices, Inc.

Docld:8305 Parent Docld:None Layout Rev:7