



Product/Process Change Notice - PCN 12_0239 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: Halogen Free Material Change for SOT223 Products at Carsem
Publication Date: 02-Oct-2012
Effectivity Date: 31-Dec-2012 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

This is a change to standardize the mold compound materials for assembly of ADI's SOT223 products.

Assembly Site: Carsem

From this mold compound: Shin-Etsu KMC175

To this mold compound: Hitachi CEL9240

The qualified material is low halogen/halogen free with <900 ppm Br-, <900 ppm Cl-, and <1500 ppm combined Br- and Cl- content.

Reason For Change

ADI is standardizing on halogen free package materials that have equivalent or improved material properties in response to our customer and industry demands for halogen free "green" products.

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

This change does not affect fit, form, function or reliability of the products.

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

The earliest date code of the changed product is Date Code 1252.

Summary of Supporting Information

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

Supporting Documents

Attachment 1: Type: Qualification Report Summary

ADI_PCN_12_0239_Rev_-_SOT223 Qualification Data Sept 25.docx

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

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 (31)**

ADP1702 / ADP1702AKCZ-R7	ADP3338 / ADP3338AKC-1.5-RL	ADP3338 / ADP3338AKC-2.5-RL7	ADP3338 / ADP3338AKC-2.85-R7	ADP3338 / ADP3338AKC-2.85-RL
ADP3338 / ADP3338AKC-3-RL	ADP3338 / ADP3338AKCZ-1.5-R7	ADP3338 / ADP3338AKCZ-1.5-RL	ADP3338 / ADP3338AKCZ-1.8-R7	ADP3338 / ADP3338AKCZ-1.8-RL
ADP3338 / ADP3338AKCZ-2.5-RL	ADP3338 / ADP3338AKCZ-2.5RL7	ADP3338 / ADP3338AKCZ-2.85R7	ADP3338 / ADP3338AKCZ-3-RL7	ADP3338 / ADP3338AKCZ-3.3-RL
ADP3338 / ADP3338AKCZ-3.3RL7	ADP3338 / ADP3338AKCZ-5-R7	ADP3338 / ADP3338AKCZ-5-REEL	ADP3339 / ADP3339AKC-1.5-RL	ADP3339 / ADP3339AKC-2.85-RL
ADP3339 / ADP3339AKC-3.3-RL	ADP3339 / ADP3339AKCZ-1.5-R7	ADP3339 / ADP3339AKCZ-1.5-RL	ADP3339 / ADP3339AKCZ-1.8-R7	ADP3339 / ADP3339AKCZ-1.8-RL
ADP3339 / ADP3339AKCZ-2.5-R7	ADP3339 / ADP3339AKCZ-2.5-RL	ADP3339 / ADP3339AKCZ-3-RL7	ADP3339 / ADP3339AKCZ-3.3-R7	ADP3339 / ADP3339AKCZ-3.3-RL
ADP3339 / ADP3339AKCZ-5-R7				

Appendix B - Revision History

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	02-Oct-2012	31-Dec-2012	Initial Release

Analog Devices, Inc.

DocId:2115 Parent DocId:None Layout Rev:7