



Product/Process Change Notice - PCN 10_0008 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 SC_70 Products
Publication Date: 26-Jan-2010
Effectivity Date: 26-Apr-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

This is a change to a new die attach and mold compound materials for assembly of ADI's SC_70 products

Assembly Site: Carsem

From this die attach: Ablestik 84-ILMISR4

To this die attach: Henkel QMI-519

From this mold compound: Hitachi CEL9220 and Nitto MP8000

To this mold compound: Hitachi CEL8240

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 1019

Summary of Supporting Information

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

Supporting Documents

Attachment 1: Type: Reliability Report

ADI_PCN_10_0008_Rev_-_SC_70 Qualification Data.doc

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 (273)

ADCMP350 / ADCMP350YKS-REEL7	ADCMP350 / ADCMP350YKSZ-REEL7	ADCMP351 / ADCMP351AKS-REEL	ADCMP351 / ADCMP351AKS-REEL7	ADCMP353 / ADCMP353AKS-REEL	ADCMP353 / ADCMP353AKS-REEL7
ADCMP354 / ADCMP354YKS-REEL7	ADCMP354 / ADCMP354YKSZ-REEL7	ADCMP355 / ADCMP355AKS-REEL	ADCMP355 / ADCMP355AKS-REEL7	ADCMP356 / AD51/091Z-0RL7	ADCMP356 / ADCMP356YKS-REEL7
ADCMP356 / ADCMP356YKSZ-REEL7	ADCMP356 / ADW30003Z-0REEL7	ADCMP357 / ADCMP357AKS-REEL	ADCMP357 / ADCMP357AKS-REEL7	ADCMP370 / ADCMP370AKS-REEL	ADCMP370 / ADCMP370AKS-REEL7
ADCMP370 / ADCMP370AKSZ-REEL	ADCMP370 / ADCMP370AKSZ-REEL7	ADCMP371 / AD51/083Z-0REEL7	ADCMP371 / ADCMP371AKS-REEL	ADCMP371 / ADCMP371AKS-REEL7	ADCMP371 / ADCMP371AKSZ-REEL7
ADM1810 / ADM1810-10AKS-REEL	ADM1810 / ADM1810-10AKS-RL7	ADM1810 / ADM1810-10AKSZ-RL	ADM1810 / ADM1810-10AKSZ-RL7	ADM1810 / ADM1810-5AKS-REEL	ADM1810 / ADM1810-5AKS-RL7
ADM1810 / ADM1810-5AKSZ-REEL	ADM1810 / ADM1810-5AKSZ-RL7	ADM1811 / ADM1811-10AKS-REEL	ADM1811 / ADM1811-10AKS-RL7	ADM1811 / ADM1811-10AKSZ-RL	ADM1811 / ADM1811-10AKSZ-RL7
ADM1811 / ADM1811-5AKS-REEL	ADM1811 / ADM1811-5AKS-RL7	ADM1811 / ADM1811-5AKSZ-REEL	ADM1811 / ADM1811-5AKSZ-RL7	ADM1812 / ADM1812-10AKS-REEL	ADM1812 / ADM1812-10AKS-RL7
ADM1812 / ADM1812-10AKSZ-RL7	ADM1812 / ADM1812-10AKSZ-RL7	ADM1812 / ADM1812-5AKS-REEL	ADM1812 / ADM1812-5AKS-RL7	ADM1812 / ADM1812-5AKSZ-REEL	ADM1812 / ADM1812-5AKSZ-RL7
ADM1813 / ADM1813-10AKS-REEL	ADM1813 / ADM1813-10AKS-RL7	ADM1813 / ADM1813-10AKSZ-RL	ADM1813 / ADM1813-10AKSZ-RL7	ADM1813 / ADM1813-5AKS-REEL	ADM1813 / ADM1813-5AKS-RL7
ADM1813 / ADM1813-5AKSZ-REEL	ADM1813 / ADM1813-5AKSZ-RL7	ADM1815 / ADM1815-10AKS-RL7	ADM1815 / ADM1815-10AKSZ-RL	ADM1815 / ADM1815-10AKSZ-RL7	ADM1815 / ADM1815-20AKS-REEL
ADM1815 / ADM1815-20AKS-RL7	ADM1815 / ADM1815-20AKSZ-RL	ADM1815 / ADM1815-20AKSZ-RL7	ADM1815 / ADM1815-5AKS-REEL	ADM1815 / ADM1815-5AKS-RL7	ADM1815 / ADM1815-5AKSZ-REEL
ADM1815 / ADM1815-5AKSZ-RL7	ADM1815 / ADM1815-R22AKS-RL	ADM1815 / ADM1815-R22AKS-RL7	ADM1815 / ADM1815-R22AKSZ-R7	ADM1815 / ADM1815-R22AKSZ-RL	ADM1815 / ADM1815-R23AKS-RL
ADM1815 / ADM1815-R23AKS-RL7	ADM1815 / ADM1815-R23AKSZ-R7	ADM1815 / ADM1815-R23AKSZ-RL	ADM1816 / ADM1816-10AKS-REEL	ADM1816 / ADM1816-10AKS-RL7	ADM1816 / ADM1816-10AKSZ-RL
ADM1816 / ADM1816-10AKSZ-RL7	ADM1816 / ADM1816-20AKS-REEL	ADM1816 / ADM1816-20AKS-RL7	ADM1816 / ADM1816-20AKSZ-RL	ADM1816 / ADM1816-20AKSZ-RL7	ADM1816 / ADM1816-5AKS-REEL
ADM1816 / ADM1816-5AKS-REEL7	ADM1816 / ADM1816-5AKSZ-REEL	ADM1816 / ADM1816-5AKSZ-RL7	ADM1816 / ADM1816-R22AKS-RL	ADM1816 / ADM1816-R22AKS-RL7	ADM1816 / ADM1816-R22AKSZ-R7
ADM1816 / ADM1816-R22AKSZ-RL	ADM1816 / ADM1816-R23AKS-RL	ADM1816 / ADM1816-R23AKS-RL7	ADM1816 / ADM1816-R23AKSZ-R7	ADM1816 / ADM1816-R23AKSZ-RL	ADM1817 / ADM1817-10AKS-REEL
ADM1817 / ADM1817-10AKS-RL7	ADM1817 / ADM1817-10AKSZ-RL	ADM1817 / ADM1817-10AKSZ-RL7	ADM1817 / ADM1817-20AKS-REEL	ADM1817 / ADM1817-20AKSZ-RL	ADM1817 / ADM1817-20AKSZ-RL7
ADM1817 / ADM1817-5AKS-REEL	ADM1817 / ADM1817-5AKS-REEL7	ADM1817 / ADM1817-5AKSZ-REEL	ADM1817 / ADM1817-5AKSZ-RL7	ADM1817 / ADM1817-R22AKS-RL7	ADM1817 / ADM1817-R22AKSZ-R7
ADM1817 / ADM1817-R22AKSZ-RL	ADM1817 / ADM1817-R23AKS-RL7	ADM1817 / ADM1817-R23AKS-R7	ADM1817 / ADM1817-R23AKSZ-RL	ADM1818 / ADM1818-10AKS-REEL	ADM1818 / ADM1818-10AKS-RL7
ADM1818 / ADM1818-10AKSZ-RL	ADM1818 / ADM1818-10AKSZ-RL7	ADM1818 / ADM1818-20AKS-REEL	ADM1818 / ADM1818-20AKS-RL7	ADM1818 / ADM1818-20AKSZ-RL	ADM1818 / ADM1818-20AKSZ-RL7
ADM1818 / ADM1818-5AKS-REEL	ADM1818 / ADM1818-5AKS-REEL7	ADM1818 / ADM1818-5AKSZ-REEL	ADM1818 / ADM1818-5AKSZ-RL7	ADM1818 / ADM1818-R22AKS-RL	ADM1818 / ADM1818-R22AKS-RL7
ADM1818 / ADM1818-R22AKSZ-R7	ADM1818 / ADM1818-R22AKSZ-RL	ADM1818 / ADM1818-R23AKS-RL	ADM1818 / ADM1818-R23AKS-RL7	ADM1818 / ADM1818-R23AKSZ-R7	ADM1818 / ADM1818-R23AKSZ-RL
ADM2000 / ADM2000AKS-REEL	ADM2000 / ADM2000AKS-REEL7	ADM2001 / ADM2001AKS-REEL	ADM2001 / ADM2001AKS-REEL7	ADM2002 / ADM2002AKS-REEL	ADM2002 / ADM2002AKS-REEL7
ADM2003 / ADM2003AKS-REEL	ADM2003 / ADM2003AKS-REEL7	ADM2004 / ADM2004AKS-REEL	ADM2004 / ADM2004AKS-REEL7	ADM2005 / ADM2005AKS-REEL	ADM2005 / ADM2005AKS-REEL7
ADM2006 / ADM2006AKS-REEL	ADM2006 / ADM2006AKS-REEL7	ADM2007 / ADM2007AKS-REEL	ADM2007 / ADM2007AKS-REEL7	ADM6711 / ADM6711LAKS-REEL	ADM6711 / ADM6711LAKS-REEL7
ADM6711 / ADM6711LAKSZ-REEL	ADM6711 / ADM6711LAKSZ-REEL7	ADM6711 / ADM6711MAKS-REEL	ADM6711 / ADM6711MAKS-REEL7	ADM6711 / ADM6711MAKSZ-REEL7	ADM6711 / ADM6711RAKS-REEL
ADM6711 / ADM6711RAKS-REEL7	ADM6711 / ADM6711RAKSZ-REEL	ADM6711 / ADM6711RAKSZ-REEL7	ADM6711 / ADM6711SAKS-REEL	ADM6711 / ADM6711SAKS-REEL7	ADM6711 / ADM6711SAKSZ-REEL
ADM6711 / ADM6711SAKSZ-REEL7	ADM6711 / ADM6711TAKS-REEL	ADM6711 / ADM6711TAKS-REEL7	ADM6711 / ADM6711TAKSZ-REEL	ADM6711 / ADM6711TAKSZ-REEL7	ADM6711 / ADM6711ZAKS-REEL
ADM6711 / ADM6711ZAKS-REEL7	ADM6711 / ADM6711ZAKSZ-REEL	ADM6711 / ADM6711ZAKSZ-REEL7	ADM6713 / ADM6713LAKS-REEL	ADM6713 / ADM6713LAKS-REEL7	ADM6713 / ADM6713LAKSZ-REEL
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ADM6713 / ADM6713ZAKSZ-REEL7	ADM803 / ADM803LAKS-REEL	ADM803 / ADM803LAKS-REEL7	ADM803 / ADM803LAKSZ-REEL	ADM803 / ADM803LAKSZ-REEL7	ADM803 / ADM803MAKS-REEL
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ADM809 / ADM809-5LAKS-REEL	ADM809 / ADM809-5LAKS-REEL7	ADM809 / ADM809-5LAKSZ-REEL	ADM809 / ADM809-5LAKSZ-RL7	ADM809 / ADM809-5SAKS-REEL	ADM809 / ADM809-5SAKS-REEL7
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				REEL7	
ADM809 / ADM809LAKS-REEL7	ADM809 / ADM809LAKSZ-REEL	ADM809 / ADM809LAKSZ-REEL7	ADM809 / ADM809MAKS-REEL7	ADM809 / ADM809MAKSZ-REEL	ADM809 / ADM809MAKSZ-REEL7
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ADM810 / ADM810SAKSZ-REEL	ADM810 / ADM810SAKSZ-REEL7	ADM810 / ADM810TAKS-REEL7	ADM810 / ADM810TAKSZ-REEL	ADM810 / ADM810TAKSZ-REEL7	ADM810 / ADM810ZAKS-REEL
ADM810 / ADM810ZAKS-REEL7	ADM810 / ADM810ZAKSZ-REEL	ADM810 / ADM810ZAKSZ-REEL7			

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	26-Jan-2010	Initial Release

Analog Devices, Inc.

DocId:971 Parent DocId:970 Layout Rev:3