



Product/Process Change Notice - PCN 11_0244 Rev. A

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.

Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

PCN Title: Halogen Free Material Change for Select TSSOP Products Assembled at Amkor

Publication Date: 16-Jan-2012

Effectivity Date: 15-Apr-2012 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Remove parts not affected by change

Description Of Change

This is a change in die attach and mold compound materials for assembly of ADI products in the TSSOP package at Amkor.

From this die attach: Ablestik 84-1LMISR4

To this die attach: Ablestik 8290

From this mold compound: Sumitomo 7351

To this mold compound: Sumitomo G700

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 1201.

Summary of Supporting Information

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Report Summary.

Supporting Documents

Attachment 1: Type: Qualification Report Summary

ADI_PCN_11_0244_Rev_A_Qual PCN Summary 11_0244.pdf

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

Existing Parts - Product Family / Model Number (152)

AD5235 / AD5235BRUZ250	AD5235 / AD5235BRUZ250-R7	AD5280 / AD5280BRUZ20	AD5280 / AD5280BRUZ20-REEL7	AD5333 / AD5333BRUZ
AD5333 / AD5333BRUZ-REEL	AD5333 / AD5333BRUZ-REEL7	AD5334 / AD11/2028Z-0REEL7	AD5346 / AD5346BRU	AD5346 / AD5346BRU-REEL
AD5346 / AD5346BRU-REEL7	AD723 / AD723ARUJ	AD723 / AD723ARUJ-REEL	AD723 / AD723ARUJ-REEL7	AD723 / AD723WARUJ-RL7
AD74111 / AD71042YRUJ	AD74111 / AD71042YRUJ-REEL	AD74111 / AD71042YRUJ	AD74111 / AD71042YRUJ-REEL	AD7490 / AD7490BRUZ
AD7490 / AD7490BRUZ-REEL	AD7490 / AD7490BRUZ-REEL7	AD7811 / AD7811YRUJ	AD7811 / AD7811YRUJ-REEL7	AD7812 / AD7812WYRUJ
AD7812 / AD7812WYRUJ-RL	AD7812 / AD7812YRUJ	AD7812 / AD7812YRUJ-REEL7	AD7825 / AD7825BRUZ	AD7825 / AD7825BRUZ-REEL
AD7825 / AD7825BRUZ-REEL7	AD7843 / AD51/064Z-0REEL	AD7843 / AD51/064Z-0REEL	AD7843 / AD7843ARUJ	AD7843 / AD7843ARUJ-REEL7
AD7873 / ADW75003Z-0REEL	AD7904 / AD7904BRUZ	AD7904 / AD7904BRUZ-REEL	AD7904 / AD7904BRUZ-REEL7	AD7904 / AD7904WYRUJ-REEL7
AD7908 / AD7908WYRUJ-REEL7	AD7914 / AD7914BRUZ	AD7914 / AD7914BRUZ-REEL7	AD7914 / AD7914WYRUJ-REEL7	AD7918 / AD7918WYRUJ-REEL7
AD7923 / AD7923WYRUJ-REEL7	AD7924 / AD7924WYRUJ-REEL7	AD7927 / AD7927WYRUJ-REEL7	AD7928 / AD7928WBRUZ-REEL	AD8054 / AD45107Z
AD8054 / AD8054ARUJ	AD8054 / AD8054ARUJ-REEL	AD8054 / AD8054ARUJ-REEL7	AD8185 / AD8185ARUJ	AD8185 / AD8185ARUJ-REEL
AD8185 / AD8185ARUJ-REEL7	AD8403 / AD8403ARUJ1	AD8403 / AD8403ARUJ1-REEL	AD8403 / AD8403ARUJ10	AD8403 / AD8403ARUJ10-REEL
AD8403 / AD8403ARUJ50	AD8403 / AD8403ARUJ50-REEL	AD8509 / AD8509ARUJ-REEL	AD8554 / ADW60026ARUJ-RL	AD8604 / AD8604ARUJ
AD8604 / AD8604ARUJ-REEL	AD8618 / ADW60032ARUJ-RL	AD8648 / AD8648WARUJ	AD8648 / AD8648WARUJ-RL	AD8648 / ADW60000ARUJ-RL
AD8648 / ADW60024ARUJ-RL	AD8694 / AD8694WARUJ	AD8694 / AD8694WARUJ-REEL	AD9203 / AD9203ARUJ	AD9203 / AD9203ARUJRL7
AD9236 / AD9236BRUZ-80	AD9236 / AD9236BRUZRL7-80	AD9740 / AD9740ARUJ	AD9740 / AD9740ARUJRL7	AD9740 / AD9740WARUJ
AD9740 / AD9740WARUJRL7	AD9742 / ADW12003ARUJ	AD9742 / ADW12003ARUJRL7	ADA4851-4 / ADA4851-4WYRUJ-R7	ADA4851-4 / ADW13005Z
ADA4851-4 / ADW13006Z	ADF4116 / ADF4116BRUZ	ADF4116 / ADF4116BRUZ-REEL	ADF4116 / ADF4116BRUZ-REEL7	ADF4118 / ADF4118YRUJ
ADF4118 / ADF4118YRUJ-RL	ADF4118 / ADF4118YRUJ-RL7	ADF4118 / ADW24001-0RL	ADF4153 / ADF4153BRUZ	ADF4153 / ADF4153BRUZ-RL
ADF4153 / ADF4153BRUZ-RL7	ADF4153 / ADF4153WYRUJ-RL7	ADG3304 / ADG3304WBRUZ-REEL	ADG408 / ADG408BRUZ	ADG408 / ADG408BRUZ-REEL
ADG408 / ADG408BRUZ-REEL7	ADG612 / ADG612WYRUJ-REEL	ADG612 / ADG612YRUJ	ADG612 / ADG612YRUJ-REEL	ADG612 / ADG612YRUJ-REEL7
ADG636 / ADG636YRUJ	ADG636 / ADG636YRUJ-REEL	ADG636 / ADG636YRUJ-REEL7	ADG658 / ADW54003-0	ADG658 / ADW54003-0RL7
ADG659 / ADG659WYRUJ-REEL7	ADG659 / ADG659YRUJ	ADG659 / ADG659YRUJ-REEL7	ADG659 / ADW54013Z-0REEL7	ADG706 / ADG706BRUZ
ADG706 / ADG706BRUZ-REEL	ADG706 / ADG706BRUZ-REEL7	ADG707 / ADG707BRUZ	ADG707 / ADG707BRUZ-REEL7	ADG708 / ADG708BRUZ
ADG708 / ADG708BRUZ-REEL	ADG708 / ADG708BRUZ-REEL7	ADG708 / ADG708CRUZ	ADG708 / ADG708CRUZ-REEL	ADG708 / ADG708CRUZ-REEL7
ADG708 / ADW54008-0REEL7	ADG712 / ADG712BRUZ	ADG712 / ADG712BRUZ-REEL	ADG712 / ADG712BRUZ-REEL7	ADG713 / ADG713BRUZ
ADG713 / ADG713BRUZ-REEL	ADG713 / ADG713BRUZ-REEL7	ADG714 / ADG714BRUZ	ADG714 / ADG714BRUZ-REEL	ADG714 / ADG714BRUZ-REEL7
ADG904 / ADW54011Z-0REEL7	ADM211E / ADM211EARUJ	ADM211E / ADM211EARUJ-REEL	ADM211E / ADM211EARUJ-REEL7	ADM3222 / ADM3222ARUJ
ADM3222 / ADM3222ARUJ-REEL	ADM3222 / ADM3222ARUJ-REEL7	ADM3312E / ADM3312EARUJ	ADM3312E / ADM3312EARUJ-REEL	ADM3312E / ADM3312EARUJ-REEL7
ADM3491-1 / ADM3491ARUJ-1	ADM3491-1 / ADM3491ARUJ-1REEL	ADM3491-1 / ADM3491ARUJ-1REEL7	ADV7127 / ADV7127KRU50	ADV7127 / ADV7127KRU50-REEL
OP747 / OP747ARUJ	OP747 / OP747ARUJ-REEL			

Removed Parts On All Revisions - Product Family / Model Number (25)

AD5242 / AD5242BRUZ1M	AD5242 / AD5242BRUZ1M-REEL7	AD5334 / AD5334BRUZ	AD5334 / AD5334BRUZ-REEL	AD5334 / AD5334BRUZ-REEL7
AD5335 / AD5335BRUZ	AD5335 / AD5335BRUZ-REEL	AD5335 / AD5335BRUZ-REEL7	AD74111 / AD71031YRUJ	AD7923 / AD7923BRUJ
AD8054 / AD8054ARUJ	AD8054 / AD8054ARUJ-REEL	AD8054 / AD8054ARUJ-REEL7	ADA4853-3 / ADA4853-3YRUJ	ADA4853-3 / ADA4853-3YRUJ-R7
ADA4853-3 / ADA4853-3YRUJ-RL	ADG611 / ADG611YRUJ	ADG611 / ADG611YRUJ-REEL	ADG611 / ADG611YRUJ-REEL7	ADG711 / ADG711BRUZ
ADG711 / ADG711BRUZ-REEL	ADG711 / ADG711BRUZ-REEL7	ADG739 / ADG739BRUJ	ADG739 / ADG739BRUJ-REEL	ADG739 / ADG739BRUJ-REEL7

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	02-Dec-2011	Initial Release
Rev. A	16-Jan-2012	Remove parts not affected by change

