



Product/Process Change Notice - PCN 10_0003 Rev. B

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 SOIC Wide Body Products Assembled at Amkor

Publication Date: 07-Feb-2011

Effectivity Date: 02-May-2011 (the earliest date that a customer could expect to receive changed material)

Revision Description:

Change expected completion date for HAST to April 2011
Update Effectivity Date to May 02, 2011

Description Of Change

This is a change in mold compound material for assembly of ADI products in the SOIC Wide Body package at Amkor.

From this mold compound: Sumitomo 6600H
To this mold compound: Sumitomo G600

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 EIA date code of the changed product is Date Code 1118.

Summary of Supporting Information

Qualification is in process per ADI0012, Procedure for Qualification of New or Revised Processes. See attached Qualification Plan.

Supporting Documents

Attachment 1: Type: Qualification Plan Summary

ADI_PCN_10_0003_Rev_B_SOICW HF Qual PlanB.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

Existing Parts - Product Family / Model Number (463)

AD588 / AD588ARWZ	AD598 / AD598JR	AD598 / AD598JRZ	AD630 / AD630AR	AD630 / AD630AR-REEL	AD630 / AD630ARZ
AD630 / AD630ARZ-RL	AD688 / AD688ARWZ	AD694 / AD694AR	AD694 / AD694AR-REEL	AD694 / AD694ARZ	AD694 / AD694ARZ-REEL
AD694 / AD694BR	AD694 / AD694BRZ	AD694 / AD694BRZ-REEL	AD694 / AD694BRZ-REEL7	AD7112 / AD7112BR-REEL	AD7112 / AD7112CRZ-REEL
AD7224 / AD7224KR-1	AD7224 / AD7224KR-18	AD7224 / AD7224KR-18REEL	AD7224 / AD7224KRZ-1	AD7224 / AD7224KRZ-18	AD7224 / AD7224KRZ-18REEL
AD7224 / AD7224KRZ-1REEL	AD7224 / AD7224LR-18	AD7224 / AD7224LR-18REEL	AD7224 / AD7224LRZ-18	AD7226 / AD7226KR	AD7226 / AD7226KR-REEL
AD7226 / AD7226KRZ	AD7226 / AD7226KRZ-REEL	AD7237 / AD7237AAR	AD7237 / AD7237AAR-REEL	AD7237 / AD7237AAR-REEL7	AD7237 / AD7237AARZ
AD7237 / AD7237AARZ-REEL	AD7237 / AD7237AARZ-REEL7	AD7237 / AD7237ABR	AD7237 / AD7237ABR-REEL	AD7237 / AD7237ABRZ	AD7237 / AD7237ABRZ-REEL
AD7237 / AD7237JR	AD7237 / AD7237JR-REEL	AD7237 / AD7237JRZ	AD7237 / AD7237JRZ-REEL	AD7237 / AD7237KR	AD7237 / AD7237KR-REEL
AD7237 / AD7237KRZ	AD7237 / AD7237KRZ-REEL	AD7247 / AD7247AAR	AD7247 / AD7247AAR-REEL	AD7247 / AD7247AAR-REEL7	AD7247 / AD7247AARZ
AD7247 / AD7247AARZ-REEL	AD7247 / AD7247AARZ-REEL7	AD7247 / AD7247ABR	AD7247 / AD7247ABR-REEL	AD7247 / AD7247ABRZ	AD7247 / AD7247ABRZ-REEL
AD7247 / AD7247JR	AD7247 / AD7247JRZ	AD7247 / AD7247KR	AD7247 / AD7247KRZ	AD7248 / AD7248AAR	AD7248 / AD7248AARZ
AD7248 / AD7248AARZ-REEL	AD7248 / AD7248ABR	AD7248 / AD7248ABR-REEL	AD7248 / AD7248ABRZ	AD7248 / AD7248ABRZ-REEL	AD7249 / AD7249BR
AD7249 / AD7249BR-REEL	AD7302 / AD7302BR	AD7302 / AD7302BR-REEL	AD7302 / AD7302BR-REEL7	AD7302 / AD7302BRZ	AD7302 / AD7302BRZ-REEL
AD7302 / AD7302BRZ-REEL7	AD7306 / AD7306AR	AD7306 / AD7306AR-REEL	AD7306 / AD7306ARZ	AD7306 / AD7306JR	AD7306 / AD7306JRZ
AD7306 / AD7306JRZ-REEL	AD73311L / AD73311LARZ	AD73311L / AD73311LARZ-REEL	AD7398 / AD7398BR	AD7398 / AD7398BR-REEL	AD7398 / AD7398BRZ
AD7398 / AD7398BRZ-REEL	AD7472 / AD7472AR	AD7472 / AD7472AR-REEL7	AD7472 / AD7472ARZ	AD7472 / AD7472BR	AD7472 / AD7472BR-REEL7
AD7472 / AD7472BRZ	AD7472 / AD7472YR-REEL	AD7472 / AD7472YR-REEL7	AD7492 / AD7492AR	AD7492 / AD7492AR-5-REEL	AD7492 / AD7492AR-5-REEL7
AD7492 / AD7492ARZ	AD7492 / AD7492ARZ-5	AD7492 / AD7492ARZ-REEL	AD7492 / AD7492ARZ-REEL7	AD7492 / AD7492BR	AD7492 / AD7492BR-5-REEL
AD7492 / AD7492BR-5-REEL7	AD7492 / AD7492BR-REEL	AD7492 / AD7492BR-REEL7	AD7492 / AD7492BRZ	AD7537 / AD7537JR	AD7537 / AD7537JR-REEL
AD7537 / AD7537JRZ	AD7537 / AD7537JRZ-REEL	AD7537 / AD7537KR	AD7537 / AD7537KR-REEL	AD7537 / AD7537KRZ	AD7537 / AD7937AR
AD7537 / AD7937AR-REEL	AD7537 / AD7937BR	AD7537 / AD7937BR-REEL	AD7537 / AD7937BR-REEL7	AD7537 / AD7937BRZ	AD7541A / AD7541AKR
AD7541A / AD7541AKR-REEL	AD7541A / AD7541AKR-REEL7	AD7541A / AD7541AKRZ	AD7541A / AD7541AKRZ-REEL	AD7541A / AD7541AKRZ-REEL7	AD7547 / AD7547JR
AD7547 / AD7547JR-REEL	AD7547 / AD7547JRZ	AD7547 / AD7547JRZ-REEL	AD7547 / AD7547LR	AD7547 / AD7547LRZ	AD7547 / AD7547LRZ-REEL
AD7569 / AD7569BR	AD7569 / AD7569BR-REEL	AD7569 / AD7569BRZ	AD7569 / AD7569JRZ	AD7569 / AD7569JRZ-REEL	AD7575 / AD7575JRZ
AD7701 / AD42/173-0	AD7701 / AD7701AR	AD7701 / AD7701ARZ	AD7701 / AD7701ARZ-REEL	AD7701 / AD7701BR	AD7701 / AD7701BR-REEL
AD7701 / AD7701BRZ	AD7701 / AD7701BRZ-REEL	AD7703 / AD7703AR	AD7703 / AD7703AR-REEL	AD7703 / AD7703BR	AD7703 / AD7703BR-REEL
AD7703 / AD7703CR	AD7703 / AD7703CR-REEL	AD7707 / AD7707BR	AD7707 / AD7707BR-REEL	AD7707 / AD7707BRZ	AD7707 / AD7707BRZ-REEL
AD7707 / AD7707BRZ-REEL7	AD7708 / AD7708BR	AD7708 / AD7708BR-REEL	AD7708 / AD7708BR-REEL7	AD7710 / AD7710AR	AD7710 / AD7710AR-REEL
AD7710 / AD7710AR-REEL7	AD7710 / AD7710ARZ	AD7710 / AD7710ARZ-REEL	AD7710 / AD7710ARZ-REEL7	AD7711 / AD42/233-0REEL7	AD7711 / AD42/233Z-0REEL7
AD7711 / AD42/237-0	AD7711 / AD42/237-0REEL	AD7711 / AD42/237-0REEL7	AD7711 / AD42/237Z-0	AD7711 / AD42/237Z-0REEL	AD7711 / AD42/237Z-0REEL7
AD7711 / AD7711AAR	AD7711 / AD7711AARZ	AD7711 / AD7711AR	AD7711 / AD7711AR-REEL	AD7711 / AD7711AR-REEL7	AD7711 / AD7711ARZ
AD7711 / AD7711ARZ-REEL	AD7711 / AD7711ARZ-REEL7	AD7712 / AD42/236-0REEL	AD7712 / AD42/236Z-0REEL	AD7712 / AD7712AR	AD7712 / AD7712AR-REEL7
AD7712 / AD7712ARZ	AD7712 / AD7712ARZ-REEL	AD7712 / AD7712ARZ-REEL7	AD7713 / AD7713AR	AD7713 / AD7713AR-REEL	AD7713 / AD7713AR-REEL7
AD7713 / AD7713ARZ	AD7713 / AD7713ARZ-REEL	AD7714 / AD7714AR-3	AD7714 / AD7714AR-3REEL	AD7714 / AD7714AR-5	AD7714 / AD7714AR-5REEL
AD7714 / AD7714ARZ-3	AD7714 / AD7714ARZ-3REEL	AD7714 / AD7714ARZ-5	AD7714 / AD7714ARZ-5REEL	AD7714 / AD7714YR	AD7714 / AD7714YR-REEL7
AD7714 / AD7714YRZ	AD7714 / AD7714YRZ-REEL	AD7714 / AD7714YRZ-REEL7	AD7718 / AD7718BR	AD7718 / AD7718BR-REEL	AD7718 / AD7718BR-REEL7
AD7719 / AD7719BR-REEL	AD7719 / AD7719BR-REEL7	AD7719 / AD7719BRZ	AD7808 / AD7808BR	AD7808 / AD7808BR-REEL	AD7808 / AD7808BRZ
AD7808 / AD7808BRZ-REEL	AD7820 / AD7820KR	AD7820 / AD7820KR-REEL	AD7820 / AD7820KRZ	AD7820 / AD7820KRZ-REEL	AD7820 / AD7820LR-REEL
AD7820 / AD7820LRZ	AD7820 / AD7820LRZ-REEL	AD7821 / AD7821KRZ	AD7821 / AD7821KRZ-REEL	AD7822 / AD7822BR	AD7822 / AD7822BR-REEL
AD7822 / AD7822BRZ	AD7822 / AD7822BRZ-REEL	AD7822 / AD7822BRZ-REEL7	AD7824 / AD7824KR	AD7824 / AD7824KR-REEL	AD7824 / AD7824KRZ
AD7824 / AD7824KRZ-REEL	AD7825 / AD7825BRZ	AD7825 / AD7825BRZ-REEL	AD7825 / AD7825BRZ-REEL7	AD7834 / AD7834AR	AD7834 / AD7834AR-REEL
AD7834 / AD7834ARZ	AD7834 / AD7834ARZ-REEL	AD7834 / AD7834BR	AD7834 / AD7834BR-REEL	AD7834 / AD7834BRZ	AD7834 / AD7834BRZ-REEL
AD7837 / AD7837AR	AD7837 / AD7837AR-REEL	AD7837 / AD7837ARZ	AD7837 / AD7837ARZ-REEL	AD7837 / AD7837BR	AD7837 / AD7837BRZ
AD7845 / AD7845AR	AD7845 / AD7845ARZ	AD7845 / AD7845BR	AD7845 / AD7845BRZ	AD7845 / AD7845JR	AD7845 / AD7845JRZ
AD7845 / AD7845KR	AD7845 / AD7845KRZ	AD7845 / AD7845KRZ-REEL	AD7847 / AD7847AR	AD7847 / AD7847AR-REEL	AD7847 / AD7847ARZ
AD7847 / AD7847ARZ-REEL	AD7847 / AD7847BR	AD7847 / AD7847BR-REEL	AD7847 / AD7847BRZ	AD7847 / AD7847BRZ-REEL	AD7868 / AD7868AR
AD7868 / AD7868AR-REEL	AD7868 / AD7868BR-REEL	AD7872 / AD7872BR	AD7872 / AD7872BR-REEL	AD7872 / AD7872BRZ	AD7872 / AD7872BRZ-REEL
AD7872 / AD7872JR	AD7872 / AD7872JRZ	AD7872 / AD7872JRZ-REEL	AD7872 / AD7872KRZ	AD7872 / AD7872KRZ-REEL	AD7874 / AD7874AR
AD7874 / AD7874AR-REEL7	AD7874 / AD7874ARZ	AD7874 / AD7874ARZ-REEL	AD7874 / AD7874ARZ-REEL7	AD7874 / AD7874BRZ	AD7874 / AD7874BRZ-REEL
AD7876 / AD42/206-0	AD7876 / AD42/206Z-0	AD7876 / AD7876BR	AD7876 / AD7876BR-REEL	AD7876 / AD7876BR-REEL7	AD7876 / AD7876BRZ
AD7876 / AD7876BRZ-REEL7	AD7876 / AD7876CR	AD7876 / AD7876CR-REEL	AD7876 / AD7876CRZ	AD7880 / AD7880BR	AD7880 / AD7880BR-REEL
AD7880 / AD7880BRZ	AD7880 / AD7880BRZ-REEL	AD7880 / AD7880CR	AD7880 / AD7880CRZ	AD7880 / AD7880CRZ-REEL	AD7899 / AD7899AR-1
AD7899 / AD7899AR-1REEL7	AD7899 / AD7899AR-2	AD7899 / AD7899AR-3	AD7899 / AD7899AR-3REEL	AD7899 / AD7899ARZ-1	AD7899 / AD7899ARZ-1REEL
AD7899 / AD7899ARZ-2	AD7899 / AD7899ARZ-2REEL	AD7899 / AD7899ARZ-3	AD7899 / AD7899BR-1	AD7899 / AD7899BR-1REEL7	AD7899 / AD7899BRZ-1

AD7899 / AD7899BRZ-3	AD7899 / AD7899SR-1	AD7899 / AD7899SR-1REEL7	AD7899 / AD7899SRZ-1	AD7948 / AD7948BR	AD7948 / AD7948BR-REEL
AD7948 / AD7948BRZ	AD7948 / AD7948BRZ-REEL	AD800 / AD800-52BR	AD800 / AD800-52BRRL	AD800 / AD800-52BRZ	AD800 / AD800-52BRZRL
AD8016 / AD45018-REEL	AD8016 / AD45018Z-REEL	AD8016 / AD8016ARB	AD8016 / AD8016ARBZ	AD8016 / AD8016ARBZ-REEL	AD811 / AD811AR-20
AD811 / AD811ARZ-20	AD9740 / AD9740AR	AD9740 / AD9740ARRL	AD9740 / AD9740ARZ	AD9740 / AD9740ARZRL	AD9742 / AD9742AR
AD9742 / AD9742ARZ	AD9742 / AD9742ARZRL	AD9744 / AD9744AR	AD9744 / AD9744ARZ	AD9744 / AD9744ARZRL	AD977 / AD977AR
AD977 / AD977AR-REEL	AD977 / AD977ARZ	AD977 / AD977ARZ-REEL	AD977 / AD977BR	AD977 / AD977BRRL	AD977 / AD977BRZ
AD977 / AD977BRZRL	AD977 / AD977CR	AD977 / AD977CRRL	AD977 / AD977CRZ	AD977 / AD977CRZRL	AD977A / AD977AAR
AD977A / AD977AARZ	AD977A / AD977ABR	AD977A / AD977ABRZ	AD977A / AD977ACR	AD977A / AD977ACRZ	ADE7754 / AD71048ARZ
ADE7754 / ADE7754ARZ	ADE7754 / ADE7754ARZRL	ADE7758 / AD71051ARW	ADE7758 / AD71051ARWRL	ADE7758 / AD71051ARWZ	ADE7758 / AD71051ARWZRL
ADE7758 / AD71061ARW	ADE7758 / AD71061ARWZ	ADE7758 / AD71061ARWZ-RL	ADE7758 / ADE7758ARWZ	ADE7758 / ADE7758ARWZRL	ADEL2020 / ADEL2020AR-20-REEL
ADEL2020 / ADEL2020ARZ-20	ADEL2020 / ADEL2020ARZ-20-RL	ADG333A / ADG333ABR	ADG333A / ADG333ABR-REEL	ADG333A / ADG333ABRZ	ADG333A / ADG333ABRZ-REEL
ADG428 / ADG428BR	ADG428 / ADG428BR-REEL	ADG428 / ADG428BRZ	ADG428 / ADG428BRZ-REEL	ADG467 / AD14/108-0	ADG467 / AD14/108-0REEL
ADG467 / AD14/108-0REEL7	ADG467 / ADG467BR	ADG467 / ADG467BR-REEL	ADG467 / ADG467BR-REEL7	ADG467 / ADG467BRZ	ADG467 / ADG467BRZ-REEL
ADG467 / ADG467BRZ-REEL7	ADG467 / ADG467BRZ-S8	ADG467 / ADG467BRZ-U1	ADG529A / ADG529AKRW	ADG529A / ADG529AKRW-REEL	ADG529A / ADG529AKRW-REEL7
ADG529A / ADG529AKRW-REEL7	ADM206 / ADM206AR	ADM206 / ADM206AR-REEL	ADM206 / ADM206ARZ	ADM206 / ADM206ARZ-REEL	ADM206E / ADM206EAR
ADM206E / ADM206EAR-REEL	ADM206E / ADM206EARZ	ADM206E / ADM206EARZ-REEL	ADM208 / ADM208AR	ADM208 / ADM208AR-REEL	ADM208 / ADM208ARZ
ADM208 / ADM208ARZ-REEL	ADM208E / AD51/040-0REEL	ADM208E / ADM208EAR	ADM208E / ADM208EAR-REEL	ADM209 / ADM209ARZ	ADM211 / ADM211AR
ADM211 / ADM211AR-REEL	ADM211E / ADM211EAR	ADM211E / ADM211EAR-REEL	ADM222 / ADM222AR	ADM222 / ADM222AR-REEL	ADM222 / ADM222ARZ
ADM222 / ADM222ARZ-REEL	ADM241L / ADM241LAR	ADM241L / ADM241LARZ	ADM241L / ADM241LARZ-REEL	ADM241L / ADM241LJR	ADM241L / ADM241LJR-REEL
ADM242 / ADM242AR	ADM242 / ADM242AR-REEL	ADM242 / ADM242ARZ	ADM242 / ADM242ARZ-REEL	ADM3222 / ADM3222ARW	ADM3222 / ADM3222ARW-REEL
ADM3222 / ADM3222ARWZ	ADM3222 / ADM3222ARWZ-REEL	ADM3222 / ADM3222ARWZ-REEL7	ADM691 / ADM691AR	ADM691 / ADM691AR-REEL	ADM691 / ADM691AR-REEL7
ADM691 / ADM691ARZ	ADM691 / ADM691ARZ-REEL	ADM691 / ADM691ARZ-REEL7	DAC10 / DAC10GS	DAC10 / DAC10GS-REEL	DAC10 / DAC10GSZ
DAC10 / DAC10GSZ-REEL	OP467 / OP467GS	OP467 / OP467GS-REEL	OP467 / OP467GSZ	OP467 / OP467GSZ-REEL	PM7226 / PM7226HSFZ
PM7528 / PM7528HSR					

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	01-Jun-2010	Initial Release
Rev. A	18-Oct-2010	Changed expected date of completion for HAST test. Removed "die attach change" in Description of Change. Updated effectivity date to reflect completion of qualification.
Rev. B	07-Feb-2011	Change expected completion date for HAST to April 2011 Update Effectivity Date to May 02, 2011

Analog Devices, Inc.

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