



## Product/Process Change Notice - PCN 10\_0004 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 SOIC Narrow Body Products Assembled at Amkor

**Publication Date:** 23-Nov-2010

**Effectivity Date:** 21-Feb-2011 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

This is a change in mold compound materials for assembly of ADI products in SOIC Narrow 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 date code of the changed product is 1109.

### 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:** ADI0012 Reliability Report

ADI\_PCN\_10\_0004\_Rev\_-\_SOICN\_QUALIFICATION\_RESULTS.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**

**Added Parts On This Revision - Product Family / Model Number (892)**

AD22151G / AD22151YRZ	AD22151G / AD22151YRZ-RL	AD5541 / AD5541AR	AD5541 / AD5541AR-REEL7	AD5541 / AD5541ARZ	AD5541 / AD5541ARZ-REEL7
AD5541 / AD5541BR	AD5541 / AD5541BRZ	AD5541 / AD5541CR	AD5541 / AD5541CRZ	AD5541 / AD5541CRZ-REEL7	AD5541 / AD5541JR
AD5541 / AD5541JR-REEL7	AD5541 / AD5541JRZ	AD5541 / AD5541JRZ-REEL7	AD5541 / AD5541LR	AD5541 / AD5541LR-REEL7	AD5541 / AD5541LRZ
AD5541 / AD5541LRZ-REEL7	AD5542 / AD5542AR	AD5542 / AD5542AR-REEL7	AD5542 / AD5542ARZ	AD5542 / AD5542ARZ-REEL7	AD5542 / AD5542BR
AD5542 / AD5542BR-REEL7	AD5542 / AD5542BRZ	AD5542 / AD5542BRZ-REEL7	AD5542 / AD5542CR	AD5542 / AD5542CR-REEL7	AD5542 / AD5542CRZ
AD5542 / AD5542CRZ-REEL7	AD5542 / AD5542JR	AD5542 / AD5542JR-REEL7	AD5542 / AD5542JRZ	AD5542 / AD5542JRZ-REEL7	AD5542 / AD5542LR
AD5542 / AD5542LRZ	AD5543 / AD5543BR	AD5543 / AD5543BRZ	AD5551 / AD5551BRZ	AD5551 / AD5551BRZ-REEL7	AD5552 / AD5552BRZ
AD621 / AD621AR	AD621 / AD621AR-REEL7	AD621 / AD621ARZ	AD621 / AD621ARZ-R7	AD621 / AD621ARZ-RL	AD621 / AD621BR
AD621 / AD621BR-REEL	AD621 / AD621BR-REEL7	AD621 / AD621BRZ	AD621 / AD621BRZ-R7	AD621 / AD621BRZ-RL	AD622 / AD622AR
AD622 / AD622AR-REEL	AD622 / AD622AR-REEL7	AD622 / AD622ARZ	AD622 / AD622ARZ-R7	AD622 / AD622ARZ-RL	AD623 / AD623AR
AD623 / AD623AR-REEL	AD623 / AD623AR-REEL7	AD623 / AD623BR	AD623 / AD623BR-REEL	AD623 / AD623BR-REEL7	AD654 / AD43071
AD654 / AD654JR	AD654 / AD654JR-REEL	AD654 / AD654JR-REEL7	AD654 / AD654JRZ	AD654 / AD654JRZ-REEL	AD654 / AD654JRZ-REEL7
AD7894 / AD7894AR-10	AD7894 / AD7894AR-10REEL7	AD7894 / AD7894ARZ-10	AD7894 / AD7894ARZ-10REEL	AD7894 / AD7894ARZ-10REEL7	AD7894 / AD7894ARZ-2
AD7894 / AD7894ARZ-2REEL	AD7894 / AD7894ARZ-2REEL7	AD7894 / AD7894ARZ-3	AD7894 / AD7894ARZ-3REEL	AD7894 / AD7894ARZ-3REEL7	AD7894 / AD7894BR-3
AD7894 / AD7894BR-3REEL	AD7894 / AD7894BR-3REEL7	AD7894 / AD7894BRZ-10	AD7894 / AD7894BRZ-10REEL	AD7894 / AD7894BRZ-10REEL7	AD7894 / AD7894BRZ-3
AD7898 / AD7898AR-10	AD7898 / AD7898AR-10REEL7	AD7898 / AD7898AR-3	AD7898 / AD7898AR-3REEL	AD7898 / AD7898AR-3REEL7	AD7898 / AD7898ARZ-10
AD7898 / AD7898ARZ-10REEL	AD7898 / AD7898ARZ-10REEL7	AD7898 / AD7898ARZ-3	AD8000 / AD8000YRDZ	AD8000 / AD8000YRDZ-REEL	AD8000 / AD8000YRDZ-REEL7
AD8002 / AD8002AR	AD8002 / AD8002AR-REEL7	AD8002 / AD8002ARZ	AD8002 / AD8002ARZ-R7	AD8002 / AD8002ARZ-RL	AD8022 / AD8022AR
AD8022 / AD8022AR-REEL7	AD8022 / AD8022ARZ	AD8022 / AD8022ARZ-REEL	AD8022 / AD8022ARZ-REEL7	AD8028 / AD8028AR-REEL	AD8028 / AD8028AR-REEL7
AD8028 / AD8028ARZ	AD8028 / AD8028ARZ-REEL	AD8028 / AD8028ARZ-REEL7	AD8045 / AD8045ARD-REEL	AD8045 / AD8045ARDZ	AD8045 / AD8045ARDZ-REEL
AD8045 / AD8045ARDZ-REEL7	AD8092 / AD8092AR	AD8092 / AD8092AR-REEL	AD8092 / AD8092AR-REEL7	AD8092 / AD8092ARZ	AD8092 / AD8092ARZ-REEL
AD8092 / AD8092ARZ-REEL7	AD8099 / AD8099ARD	AD8099 / AD8099ARD-REEL	AD8099 / AD8099ARD-REEL7	AD8099 / AD8099ARDZ	AD8099 / AD8099ARDZ-REEL
AD8099 / AD8099ARDZ-REEL7	AD8139 / AD8139ARD	AD8139 / AD8139ARD-REEL	AD8139 / AD8139ARDZ	AD8139 / AD8139ARDZ-REEL	AD8139 / AD8139ARDZ-REEL7
AD8202 / AD45091	AD8205 / AD8205YR	AD8205 / AD8205YR-REEL	AD8205 / AD8205YR-REEL7	AD8216 / AD8216YRZ	AD8216 / AD8216YRZ-R7
AD8216 / AD8216YRZ-RL	AD822 / AD8220003RFR	AD822 / AD8220003RZR	AD822 / AD822AR	AD822 / AD822AR-REEL	AD822 / AD822AR-REEL7
AD8223 / AD8223AR	AD8223 / AD8223AR-R7	AD8223 / AD8223AR-RL	AD8223 / AD8223ARZ	AD8223 / AD8223ARZ-R7	AD8223 / AD8223ARZ-RL
AD8223 / AD8223BR	AD8223 / AD8223BR-R7	AD8223 / AD8223BR-RL	AD8223 / AD8223BRZ	AD8223 / AD8223BRZ-R7	AD8223 / AD8223BRZ-RL
AD8227 / AD8227ARZ	AD8227 / AD8227ARZ-R7	AD8227 / AD8227ARZ-RL	AD8227 / AD8227BRZ	AD8227 / AD8227BRZ-R7	AD8227 / AD8227BRZ-RL
AD8276 / AD8276ARZ	AD8276 / AD8276ARZ-R7	AD8276 / AD8276ARZ-RL	AD8276 / AD8276BRZ	AD8276 / AD8276BRZ-R7	AD8276 / AD8276BRZ-RL
AD8278 / AD8278ARZ	AD8278 / AD8278ARZ-R7	AD8278 / AD8278ARZ-RL	AD8278 / AD8278BRZ	AD8278 / AD8278BRZ-R7	AD8278 / AD8278BRZ-RL
AD8397 / AD8397ARDZ	AD8397 / AD8397ARDZ-REEL	AD8397 / AD8397ARDZ-REEL7	AD8510 / AD8510AR	AD8510 / AD8510ARZ	AD8510 / AD8510ARZ-REEL
AD8510 / AD8510ARZ-REEL7	AD8510 / AD8510BR	AD8510 / AD8510BR-REEL	AD8510 / AD8510BRZ	AD8510 / AD8510BRZ-REEL	AD8510 / AD8510BRZ-REEL7
AD8512 / AD8512AR	AD8512 / AD8512AR-REEL	AD8512 / AD8512AR-REEL7	AD8512 / AD8512BR	AD8512 / AD8512BR-REEL	AD8512 / AD8512BR-REEL7
AD8513 / AD8513ARZ	AD8513 / AD8513ARZ-REEL	AD8513 / AD8513ARZ-REEL7	AD8522 / AD8522AR	AD8522 / AD8522AR-REEL	AD8522 / AD8522ARZ
AD8522 / AD8522ARZ-REEL	AD8538 / AD8538ARZ	AD8538 / AD8538ARZ-REEL	AD8538 / AD8538ARZ-REEL7	AD8541 / AD8541ARZ	AD8541 / AD8541ARZ-REEL
AD8541 / AD8541ARZ-REEL7	AD8544 / AD8544AR	AD8544 / AD8544AR-REEL	AD8544 / AD8544AR-REEL7	AD8544 / AD8544ARZ	AD8544 / AD8544ARZ-REEL
AD8544 / AD8544ARZ-REEL7	AD8554 / AD8554AR	AD8554 / AD8554AR-REEL	AD8554 / AD8554AR-REEL7	AD8555 / AD8555ARZ	AD8555 / AD8555ARZ-REEL
AD8555 / AD8555ARZ-REEL7	AD8574 / AD8574AR	AD8574 / AD8574AR-REEL	AD8574 / AD8574AR-REEL7	AD8574 / AD8574ARZ	AD8574 / AD8574ARZ-REEL
AD8574 / AD8574ARZ-REEL7	AD8597 / AD8597ARZ	AD8597 / AD8597ARZ-REEL	AD8597 / AD8597ARZ-REEL7	AD8599 / AD8599ARZ	AD8599 / AD8599ARZ-REEL
AD8599 / AD8599ARZ-REEL7	AD8604 / AD8604AR	AD8604 / AD8604AR-REEL	AD8604 / AD8604AR-REEL7	AD8604 / AD8604ARZ	AD8604 / AD8604ARZ-REEL
AD8604 / AD8604ARZ-REEL7	AD8604 / AD8604DRZ	AD8604 / AD8604DRZ-REEL	AD8607 / AD8607AR	AD8607 / AD8607ARZ	AD8607 / AD8607ARZ-REEL
AD8607 / AD8607ARZ-REEL7	AD8608 / AD8608AR	AD8608 / AD8608AR-REEL	AD8608 / AD8608AR-REEL7	AD8609 / AD8609AR	AD8609 / AD8609AR-REEL
AD8609 / AD8609ARZ	AD8609 / AD8609ARZ-REEL	AD8609 / AD8609ARZ-REEL7	AD8610 / AD8610AR	AD8610 / AD8610AR-REEL	AD8610 / AD8610AR-REEL7
AD8610 / AD8610ARZ	AD8610 / AD8610ARZ-REEL	AD8610 / AD8610ARZ-REEL7	AD8610 / AD8610BR	AD8610 / AD8610BRZ	AD8610 / AD8610BRZ-REEL
AD8610 / AD8610BRZ-REEL7	AD8616 / AD8616AR	AD8617 / AD8617ARZ	AD8617 / AD8617ARZ-REEL	AD8617 / AD8617ARZ-REEL7	AD8619 / AD8619ARZ
AD8619 / AD8619ARZ-REEL	AD8619 / AD8619ARZ-REEL7	AD8620 / AD8620AR	AD8620 / AD8620AR-REEL	AD8620 / AD8620AR-REEL7	AD8620 / AD8620ARZ
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AD8625 / AD8625AR-REEL	AD8625 / AD8625AR-REEL7	AD8625 / AD8625ARZ	AD8625 / AD8625ARZ-REEL	AD8625 / AD8625ARZ-REEL7	AD8626 / AD8626AR
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AD8627 / AD8627ARZ-REEL	AD8627 / AD8627ARZ-REEL7	AD8630 / AD8630ARZ	AD8630 / AD8630ARZ-REEL	AD8630 / AD8630ARZ-REEL7	AD8638 / AD8638ARZ
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AD8671 / AD8671AR	AD8671 / AD8671AR-REEL	AD8671 / AD8671AR-REEL7	AD8672 / AD8672AR	AD8672 / AD8672AR-REEL	AD8672 / AD8672AR-REEL7
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AD8675 / AD8675ARZ-REEL7	AD8676 / AD8676BRZ	AD8676 / AD8676BRZ-REEL	AD8676 / AD8676BRZ-REEL7	AD8677 / AD8677ARZ	AD8677 / AD8677ARZ-REEL
AD8677 / AD8677ARZ-REEL7	AD8692 / AD8692ARZ	AD8692 / AD8692ARZ-REEL	AD8692 / AD8692ARZ-REEL7	AD8698 / AD8698ARZ	AD8698 / AD8698ARZ-REEL
AD8698 / AD8698ARZ-REEL7	ADA4000-1 / ADA4000-1ARZ	ADA4000-1 / ADA4000-1ARZ-R7	ADA4000-1 / ADA4000-1ARZ-RL	ADA4004-4 / ADA4004-4ARZ	ADA4004-4 / ADA4004-4ARZ-R7
ADA4004-4 / ADA4004-4ARZ-RL	ADA4062-2 / ADA4062-2ARZ	ADA4062-2 / ADA4062-2ARZ-R7	ADA4062-2 / ADA4062-2ARZ-RL	ADA4062-2 / ADA4062-2BRZ	ADA4062-2 / ADA4062-2BRZ-R7
ADA4062-2 / ADA4062-2BRZ-RL	ADA4075-2 / ADA4075-2ARZ	ADA4075-2 / ADA4075-2ARZ-R7	ADA4075-2 / ADA4075-2ARZ-RL	ADA4627-1 / ADA4627-1ARZ	ADA4627-1 / ADA4627-1ARZ-R7
ADA4627-1 / ADA4627-1ARZ-RL	ADA4627-1 / ADA4627-1BRZ	ADA4627-1 / ADA4627-1BRZ-R7	ADA4627-1 / ADA4627-1BRZ-RL	ADA4637-1 / ADA4637-1ARZ	ADA4637-1 / ADA4637-1ARZ-R7
ADA4637-1 / ADA4637-1ARZ-RL	ADA4637-1 / ADA4637-1BRZ	ADA4637-1 / ADA4637-1BRZ-R7	ADA4637-1 / ADA4637-1BRZ-RL	ADA4665-2 / ADA4665-2ARZ	ADA4665-2 / ADA4665-2ARZ-R7
ADA4665-2 / ADA4665-2ARZ-RL	ADA4692-2 / ADA4692-2ARZ	ADA4692-2 / ADA4692-2ARZ-R7	ADA4692-2 / ADA4692-2ARZ-RL	ADA4817-1 / ADA4817-1ARDZ	ADA4817-1 / ADA4817-1ARDZ-R7
ADA4817-1 / ADA4817-1ARDZ-RL	ADA4841-2 / ADA4841-2YRZ	ADA4841-2 / ADA4841-2YRZ-R7	ADA4841-2 / ADA4841-2YRZ-RL	ADA4857-1 / ADA4857-1YRZ	ADA4857-1 / ADA4857-1YRZ-R7
ADA4857-1 / ADA4857-1YRZ-RL	ADA4891-2 / ADA4891-2ARZ	ADA4891-2 / ADA4891-2ARZ-R7	ADA4891-2 / ADA4891-2ARZ-RL	ADA4891-3 / ADA4891-3ARZ	ADA4891-3 / ADA4891-3ARZ-R7
ADA4891-3 / ADA4891-3ARZ-RL	ADA4891-4 / ADA4891-4ARZ	ADA4891-4 / ADA4891-4ARZ-R7	ADA4891-4 / ADA4891-4ARZ-RL	ADA4898-1 / ADA4898-1YRDZ	ADA4898-1 / ADA4898-1YRDZ-R7
ADA4898-1 / ADA4898-1YRDZ-RL	ADA4898-2 / ADA4898-2YRDZ	ADA4898-2 / ADA4898-2YRDZ-R7	ADA4898-2 / ADA4898-2YRDZ-RL	ADA4899-1 / ADA4899-1YRDZ	ADA4899-1 / ADA4899-1YRDZ-R7
ADA4899-1 / ADA4899-1YRDZ-RL	ADA4922-1 / ADA4922-1ARDZ	ADA4922-1 / ADA4922-1ARDZ-R7	ADA4922-1 / ADA4922-1ARDZ-RL	ADA4940-1 / ADA4940-1ARZ	ADA4940-1 / ADA4940-1ARZ-R7
ADA4940-1 / ADA4940-1ARZ-RL	ADG201A / ADG201AKR	ADG201A / ADG201AKR-REEL	ADG201A / ADG201AKR-REEL7	ADG201A / ADG201AKRZ	ADG201A / ADG201AKRZ-REEL
ADG201A / ADG201AKRZ-REEL7	ADG417 / ADG417BR	ADG417 / ADG417BR-REEL	ADG417 / ADG417BRZ	ADG417 / ADG417BRZ-REEL	ADG419 / ADG419BR
ADG419 / ADG419BR-REEL	ADG419 / ADG419BR-REEL7	ADM13305 / ADM13305-18ARZ	ADM13305 / ADM13305-18ARZ-RL7	ADM13305 / ADM13305-25ARZ	ADM13305 / ADM13305-25ARZ-RL7
ADM13305 / ADM13305-33ARZ	ADM13305 / ADM13305-33ARZ-RL7	ADM13305 / ADM13305-4ARZ	ADM13305 / ADM13305-4ARZRL7	ADM13305 / ADM13305-5ARZ	ADM13305 / ADM13305-5ARZRL7
ADM13307 / ADM13307-18ARZ	ADM13307 / ADM13307-18ARZ-RL7	ADM13307 / ADM13307-25ARZ	ADM13307 / ADM13307-25ARZ-RL7	ADM13307 / ADM13307-33ARZ	ADM13307 / ADM13307-33ARZ-RL7
ADM13307 / ADM13307-4ARZ	ADM13307 / ADM13307-4ARZRL7	ADM13307 / ADM13307-5ARZ	ADM13307 / ADM13307-5ARZRL7	ADM1485 / AD51/062-0	ADM1485 / AD51/062-0REEL
ADM1485 / AD51/062Z-0REEL	ADM1485 / ADM1485AR	ADM1485 / ADM1485AR-REEL	ADM1485 / ADM1485AR-REEL7	ADM1485 / ADM1485JR	ADM1485 / ADM1485JR-REEL
ADM1485 / ADM1485JR-REEL7	ADM1487E / ADM1487EARZ	ADM1487E / ADM1487EARZ-REEL7	ADM3483 / ADM3483ARZ	ADM3483 / ADM3483ARZ-REEL7	ADM3485 / AD60/006Z-0
ADM3485 / AD60/006Z-0REEL7	ADM3485 / ADM3485ARZ	ADM3485 / ADM3485ARZ-REEL7	ADM3485E-1 / AD51/070-0	ADM3485E-1 / AD51/070-0REEL7	ADM3485E-1 / AD51/070Z-0
ADM3485E-1 / AD51/070Z-0REEL7	ADM3488 / ADM3488ARZ	ADM3488 / ADM3488ARZ-REEL7	ADM3490 / ADM3490ARZ	ADM3490 / ADM3490ARZ-REEL7	ADM3491 / ADM3491AR
ADM3491 / ADM3491AR-REEL	ADM3491 / ADM3491AR-REEL7	ADM3491 / ADM3491ARZ	ADM3491 / ADM3491ARZ-REEL	ADM3491 / ADM3491ARZ-REEL7	ADM483E / ADM483EAR
ADM483E / ADM483EAR-REEL	ADM485 / AD51/025-1	ADM485 / AD51/025-1REEL	ADM485 / AD51/025Z-1	ADM485 / AD51/025Z-1REEL	ADM485 / AD51/061-0
ADM485 / AD51/061-0REEL	ADM485 / AD51/061-0REEL7	ADM485 / ADM485AR	ADM485 / ADM485AR-REEL	ADM485 / ADM485JR	ADM485 / ADM485JR-REEL
ADM485 / ADM485JR-REEL7	ADM485E / ADM485EARZ	ADM485E / ADM485EARZ-REEL7	ADM489 / ADM489AR	ADM489 / ADM489AR-REEL	ADM489 / ADM489AR-REEL7
ADM489 / ADM489ARZ	ADM489 / ADM489ARZ-REEL	ADM489 / ADM489ARZ-REEL7	ADM705 / ADM705AR	ADM705 / ADM705AR-REEL	ADM705 / ADM705AR-REEL7
ADM705 / ADM705ARZ	ADM705 / ADM705ARZ-REEL	ADM705 / ADM705ARZ-REEL7	ADM705 / ADM705ARZ-TSMC2	ADM706 / AD51/088Z-0REEL	ADM706 / ADM706PAR
ADM706 / ADM706PAR-REEL	ADM706 / ADM706PAR-TSMC2	ADM706 / ADM706RAR	ADM706 / ADM706RAR-REEL	ADM706 / ADM706RAR-REEL7	ADM706 / ADM706RARZ

ADM706 / ADM706RARZ-REEL	ADM706 / ADM706RARZ-REEL7	ADM706 / ADM706SAR	ADM706 / ADM706SAR-REEL	ADM706 / ADM706SARZ	ADM706 / ADM706SARZ-REEL
ADM706 / ADM706TAR	ADM706 / ADM706TAR-REEL	ADM706 / ADM706TARZ	ADM706 / ADM706TARZ-REEL	ADM707 / ADM707AR	ADM707 / ADM707AR-REEL
ADM707 / ADM707ARZ	ADM707 / ADM707ARZ-REEL	ADM708 / ADM708AR	ADM708 / ADM708AR-REEL	ADM708 / ADM708ARZ	ADM708 / ADM708ARZ-REEL
ADM708 / ADM708RAR	ADM708 / ADM708RAR-REEL	ADM708 / ADM708RARZ	ADM708 / ADM708RARZ-REEL	ADM708 / ADM708SAR	ADM708 / ADM708SAR- CSREEL
ADM708 / ADM708SAR-REEL	ADM708 / ADM708TAR	ADM708 / ADM708TAR-CSREEL	ADM708 / ADM708TAR-REEL	ADM708 / ADM708TARZ	ADM708 / ADM708TARZ- CSREEL
ADM708 / ADM708TARZ-REEL	ADM709 / ADM709LAR	ADM709 / ADM709LAR-REEL	ADM709 / ADM709LARZ	ADM709 / ADM709LARZ- REEL	ADM709 / ADM709MAR
ADM709 / ADM709MAR-REEL	ADM709 / ADM709MARZ	ADM709 / ADM709MARZ-REEL	ADM709 / ADM709RAR	ADM709 / ADM709RARZ	ADM709 / ADM709RARZ-REEL
ADM709 / ADM709SAR	ADM709 / ADM709SAR-REEL	ADM709 / ADM709SARZ	ADM709 / ADM709SARZ-REEL	ADM709 / ADM709TAR	ADM709 / ADM709TARZ
ADM709 / ADM709TARZ-REEL	ADN4661 / ADN4661BRZ	ADN4661 / ADN4661BRZ-REEL7	ADN4662 / ADN4662BRZ	ADN4662 / ADN4662BRZ- REEL7	ADN4663 / ADN4663BRZ
ADN4663 / ADN4663BRZ- REEL7	ADN4664 / ADN4664BRZ	ADN4664 / ADN4664BRZ-REEL7	ADN4667 / ADN4667ARZ	ADN4667 / ADN4667ARZ- REEL7	ADN4668 / ADN4668ARZ
ADN4668 / ADN4668ARZ- REEL7	ADP1706 / ADP1706ARDZ- 0.75R7	ADP1706 / ADP1706ARDZ-0.8- R7	ADP1706 / ADP1706ARDZ- 0.85R7	ADP1706 / ADP1706ARDZ- 0.9-R7	ADP1706 / ADP1706ARDZ- 0.95R7
ADP1706 / ADP1706ARDZ-1.0- R7	ADP1706 / ADP1706ARDZ- 1.05R7	ADP1706 / ADP1706ARDZ-1.1- R7	ADP1706 / ADP1706ARDZ- 1.15R7	ADP1706 / ADP1706ARDZ- 1.2-R7	ADP1706 / ADP1706ARDZ-1.3- R7
ADP1706 / ADP1706ARDZ-1.5- R7	ADP1706 / ADP1706ARDZ-1.8- R7	ADP1706 / ADP1706ARDZ-2.5- R7	ADP1706 / ADP1706ARDZ-3.0- R7	ADP1706 / ADP1706ARDZ- 3.3-R7	ADP1707 / ADP1707ARDZ- 0.75R7
ADP1707 / ADP1707ARDZ-0.8- R7	ADP1707 / ADP1707ARDZ- 0.85R7	ADP1707 / ADP1707ARDZ-0.9- R7	ADP1707 / ADP1707ARDZ- 0.95R7	ADP1707 / ADP1707ARDZ- 1.0-R7	ADP1707 / ADP1707ARDZ- 1.05R7
ADP1707 / ADP1707ARDZ-1.1- R7	ADP1707 / ADP1707ARDZ- 1.15R7	ADP1707 / ADP1707ARDZ-1.2- R7	ADP1707 / ADP1707ARDZ-1.3- R7	ADP1707 / ADP1707ARDZ- 1.5-R7	ADP1707 / ADP1707ARDZ-1.8- R7
ADP1707 / ADP1707ARDZ-2.5- R7	ADP1707 / ADP1707ARDZ-3.0- R7	ADP1707 / ADP1707ARDZ-3.3- R7	ADP1708 / ADP1708ARDZ-R7	ADP3050 / ADP3050ARZ	ADP3050 / ADP3050ARZ-3.3
ADP3050 / ADP3050ARZ-3.3- RL	ADP3050 / ADP3050ARZ-3.3- RL7	ADP3050 / ADP3050ARZ-R7	ADP3050 / ADP3050ARZ-RL	ADP3650 / ADP3650JRZ	ADP3650 / ADP3650JRZ-RL
ADR01 / ADR01AR	ADR01 / ADR01ARZ	ADR01 / ADR01ARZ-REEL7	ADR01 / ADR01BR	ADR01 / ADR01BR-REEL7	ADR01 / ADR01BRZ
ADR01 / ADR01BRZ-REEL7	ADR01 / ADR01CRZ	ADR01 / ADR01CRZ-REEL	ADR02 / ADR02AR	ADR02 / ADR02AR-REEL	ADR02 / ADR02AR-REEL7
ADR02 / ADR02BR	ADR02 / ADR02CRZ	ADR02 / ADR02CRZ-REEL	ADR03 / ADR03AR-REEL7	ADR03 / ADR03ARZ	ADR03 / ADR03ARZ-REEL7
ADR03 / ADR03BR	ADR03 / ADR03BRZ	ADR03 / ADR03BRZ-REEL7	ADR03 / ADR03CRZ	ADR03 / ADR03CRZ-REEL	ADR06 / ADR06ARZ
ADR06 / ADR06ARZ-REEL7	ADR06 / ADR06BRZ	ADR06 / ADR06BRZ-REEL7	ADR293 / ADR293ERZ	ADR293 / ADR293ERZ-REEL	ADR293 / ADR293GRZ
ADR293 / ADR293GRZ-REEL7	ADR420 / ADR420ARZ	ADR420 / ADR420ARZ-REEL7	ADR420 / ADR420BR	ADR420 / ADR420BRZ	ADR420 / ADR420BRZ-REEL7
ADR421 / ADR421AR	ADR421 / ADR421ARZ	ADR421 / ADR421ARZ-REEL7	ADR421 / ADR421BR	ADR421 / ADR421BR-REEL7	ADR421 / ADR421BRZ
ADR421 / ADR421BRZ-REEL7	ADR423 / ADR423ARZ	ADR423 / ADR423ARZ-REEL7	ADR423 / ADR423BRZ	ADR423 / ADR423BRZ-REEL7	ADR425 / ADR425ARZ
ADR425 / ADR425ARZ-REEL7	ADR425 / ADR425BR	ADR425 / ADR425BR-REEL7	ADR425 / ADR425BRZ	ADR425 / ADR425BRZ-REEL7	ADR430 / ADR430ARZ
ADR430 / ADR430ARZ-REEL7	ADR430 / ADR430BRZ	ADR430 / ADR430BRZ-REEL7	ADR431 / ADR431ARZ	ADR431 / ADR431ARZ-REEL7	ADR431 / ADR431BR
ADR431 / ADR431BR-REEL7	ADR431 / ADR431BRZ	ADR431 / ADR431BRZ-REEL7	ADR433 / ADR433ARZ	ADR433 / ADR433ARZ-REEL7	ADR433 / ADR433BRZ
ADR433 / ADR433BRZ-REEL7	ADR434 / ADR434ARZ	ADR434 / ADR434ARZ-REEL7	ADR434 / ADR434BRZ	ADR434 / ADR434BRZ-REEL7	ADR439 / ADR439ARZ-REEL7
ADR439 / ADR439BRZ-REEL7	ADR440 / ADR440ARZ	ADR440 / ADR440ARZ-REEL7	ADR440 / ADR440BRZ	ADR440 / ADR440BRZ-REEL7	ADR441 / ADR441ARZ
ADR441 / ADR441ARZ-REEL7	ADR441 / ADR441BRZ	ADR441 / ADR441BRZ-REEL7	ADR443 / ADR443ARZ	ADR443 / ADR443ARZ-REEL7	ADR443 / ADR443BRZ
ADR443 / ADR443BRZ-REEL7	ADR445 / ADR445ARZ	ADR445 / ADR445ARZ-REEL7	ADR445 / ADR445BRZ	ADR445 / ADR445BRZ-REEL7	ADT7310 / ADT7310TRZ
ADT7310 / ADT7310TRZ- REEL	ADT7310 / ADT7310TRZ- REEL7	ADT75 / AD51/008Z-0REEL	ADT75 / ADT75ARZ	ADT75 / ADT75ARZ-REEL	ADT75 / ADT75ARZ-REEL7
ADV3221 / ADV3221ARZ	ADV3222 / ADV3222ARZ	AMP03 / AMP03GS	AMP03 / AMP03GS-REEL	AMP03 / AMP03GSZ	AMP03 / AMP03GSZ-RL
AMP04 / AMP04ES	AMP04 / AMP04ESZ	AMP04 / AMP04ESZ-R7	AMP04 / AMP04FS	AMP04 / AMP04FS-REEL7	AMP04 / AMP04FSZ
AMP04 / AMP04FSZ-R7	AMP04 / AMP04FSZ-RL	DAC8043A / DAC8043A1ES	DAC8043A / DAC8043A1ESZ	DAC8043A / DAC8043A1FS	DAC8043A / DAC8043A1FSZ
DAC8043A / DAC8043AES	DAC8043A / DAC8043AESZ	DAC8043A / DAC8043AFS	DAC8043A / DAC8043AFS- REEL7	DAC8043A / DAC8043AFSZ	DAC8043A / DAC8043AFSZ- REEL7
DAC8512 / DAC8512FS	DAC8512 / DAC8512FS-REEL	DAC8512 / DAC8512FS-REEL7	DAC8512 / DAC8512FSZ	DAC8512 / DAC8512FSZ- REEL	DAC8512 / DAC8512FSZ- REEL7
HSL OBSO PARTS / AD42910	HSL OBSO PARTS / AD42910- REEL	HSL OBSO PARTS / AD42910- REEL7	OP07 / OP07CS	OP1177 / OP1177AR	OP1177 / OP1177ARZ
OP1177 / OP1177ARZ-REEL	OP1177 / OP1177ARZ-REEL7	OP27 / OP27GS	OP27 / OP27GS-REEL	OP27 / OP27GS-REEL7	OP27 / OP27GSZ
OP27 / OP27GSZ-REEL	OP27 / OP27GSZ-REEL7	OP282 / OP282GS	OP282 / OP282GS-REEL	OP282 / OP282GS-REEL7	OP291 / OP2910010SZR
OP291 / OP291GS	OP291 / OP291GS-REEL	OP291 / OP291GS-REEL7	OP291 / OP291GSZ	OP291 / OP291GSZ-REEL	OP291 / OP291GSZ-REEL7
OP4177 / OP4177AR	OP4177 / OP4177AR-REEL	OP4177 / OP4177AR-REEL7	OP4177 / OP4177ARZ	OP4177 / OP4177ARZ-REEL	OP4177 / OP4177ARZ-REEL7
OP491 / OP491GS	OP491 / OP491GS-REEL	OP491 / OP491GS-REEL7	OP727 / OP727AR	OP727 / OP727AR-REEL	OP727 / OP727AR-REEL7

OP727 / OP727ARZ	OP727 / OP727ARZ-REEL	OP727 / OP727ARZ-REEL7	OP777 / OP777AR	OP777 / OP777ARZ	OP777 / OP777ARZ-REEL
OP777 / OP777ARZ-REEL7	PCNKL-20 / AD8662ARZKL1	REF01 / REF01CS	REF01 / REF01CS-REEL	REF01 / REF01CS-REEL7	REF02 / REF02CS
REF02 / REF02CS-REEL	REF02 / REF02CS-REEL7	REF02 / REF02CSZ	REF02 / REF02CSZ-REEL	REF02 / REF02CSZ-REEL7	REF02 / REF02HSZ
REF03 / REF03GS	REF191 / REF191ES	REF191 / REF191ES-REEL	REF191 / REF191ESZ	REF191 / REF191ESZ-REEL	REF191 / REF191GS
REF191 / REF191GS-REEL	REF191 / REF191GSZ	REF191 / REF191GSZ-REEL	REF192 / REF192FS	REF192 / REF192FS-REEL	REF192 / REF192FS-REEL7
REF192 / REF192FSZ	REF192 / REF192FSZ-REEL	REF192 / REF192FSZ-REEL7	REF193 / REF193GS	REF193 / REF193GS-REEL	REF193 / REF193GSZ
REF193 / REF193GSZ-REEL	REF194 / REF194ES	REF194 / REF194ESZ	REF194 / REF194ESZ-REEL	REF194 / REF194GS-REEL	REF194 / REF194GS-REEL7
REF194 / REF194GSZ	REF194 / REF194GSZ-REEL	REF194 / REF194GSZ-REEL7	REF195 / REF1950014SZR	REF195 / REF195ES	REF195 / REF195ES-REEL
REF195 / REF195FS	REF195 / REF195FS-REEL	REF195 / REF195GS	REF195 / REF195GS-REEL	REF195 / REF195GS-REEL7	REF196 / REF196GSZ
REF196 / REF196GSZ-REEL	REF196 / REF196GSZ-REEL7	REF198 / REF198ES	REF198 / REF198ES-REEL	REF198 / REF198ESZ	REF198 / REF198ESZ-REEL
REF198 / REF198ESZ-REEL7	REF198 / REF198FS-REEL	REF198 / REF198FSZ	REF198 / REF198FSZ-REEL	REF198 / REF198GS	REF198 / REF198GS-REEL
REF198 / REF198GSZ	REF198 / REF198GSZ-REEL	SSM2141 / SSM2141SZ	SSM2141 / SSM2141SZ-REEL	SSM2143 / SSM2143SZ	SSM2143 / SSM2143SZ-REEL
SSM2211 / SSM2211SZ	SSM2211 / SSM2211SZ-REEL	SSM2211 / SSM2211SZ-REEL7	SSM2220 / SSM2220S	SSM2220 / SSM2220SZ	SSM2220 / SSM2220SZ-REEL
TMP01 / TMP01ES	TMP01 / TMP01ES-REEL	TMP01 / TMP01ESZ	TMP01 / TMP01ESZ-REEL	TMP01 / TMP01FS	TMP01 / TMP01FS-REEL
TMP01 / TMP01FS-REEL7	TMP01 / TMP01FSZ	TMP01 / TMP01FSZ-REEL	TMP01 / TMP01FSZ-REEL7		

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Rev Description</b>
Rev. -	23-Nov-2010	Initial Release

Analog Devices, Inc.

DocId:967 Parent DocId:966 Layout Rev.4