



Product/Process Change Notice - PCN 09_0041 Rev. -

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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 receiving this notification. The information contained within this PCN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

PCN Title: ADWIL Fab XFCB2 Front End Manufacturing Change
Publication Date: 23-Mar-2009
Samples Available Date:
Effectivity Date: 21-Jun-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Fab Manufacturing Change

FROM: A sequence of etches: Dry Metal-Oxide-Metal Capacitor (MOMCAP) oxide etch, Wet chemical metal etch and dry Thin Film Resistor etch

TO: A single dry etch of the MOMCAP oxide, MOMCAP metal bottom plate and Thin Film Resistor. A spin on glass layer and an undoped oxide layer, both for planarization have been added prior to MOMCAP for complete etch removal of metal/oxide/metal layer stack over topography.

Reason For Change

Improvement of thin film resistor linewidth control and elimination of metal stringers.

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

Reduced variability in resistor values and elimination of metal stringers. No negative change to device form, fit, function and reliability

Summary of Supporting Information

Qualification will be performed per ADI0012: Procedure For Qualification of New or Revised Processes or Products. Qual Plan is attached.

Supporting Documents

Attachment 1: ADI_PCN_09_0041_Rev_-_QUAL_PLAN.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 (230)

AD53521 / AD53521JBC	AD53521 / AD53521JBCZ	AD53521 / AD53521XBCZ	AD53566 / AD53566BSVZ	AD53566 / AD53566XSVZ	AD6645 / AD6645-105/PCBZ
AD6645 / AD6645-80/PCBZ	AD6645 / AD6645ASQ-105	AD6645 / AD6645ASQ-80	AD6645 / AD6645ASQZ-105	AD6645 / AD6645ASQZ-80	AD6645 / AD6645ASVZ-105
AD6645 / AD6645ASVZ-80	AD6645 / AD6645XSVZ-105	AD6645 / AD80100	AD6645 / AD80100ASQZ-80	AD6645 / AD80100ASVZ-80	AD6645 / AD80101
AD6645 / AD80101ASQZ-80	AD6645 / AD80111	AD6645 / AD80113	AD8117 / AD8117ABPZ	AD8118 / AD8118ABPZ	AD8146 / AD8146ACPZ-R2
AD8146 / AD8146ACPZ-R7	AD8146 / AD8146ACPZ-RL	AD8147 / AD8147ACPZ-R2	AD8147 / AD8147ACPZ-R7	AD8147 / AD8147ACPZ-RL	AD8148 / AD8148ACPZ-R2
AD8148 / AD8148ACPZ-R7	AD8148 / AD8148ACPZ-RL	AD8175 / AD8175ABPZ	AD8175 / AD8175XBPZ	AD8176 / AD8176ABPZ	AD8176 / AD8176XBPZ
AD8186 / AD8186ARUZ	AD8186 / AD8186ARUZ-R7	AD8186 / AD8186ARUZ-RL	AD8187 / AD8187ARUZ	AD8187 / AD8187ARUZ-REEL	AD8187 / AD8187ARUZ-REEL7
AD8302 / AD45108Z-RL7	AD8302 / AD8302ARU	AD8302 / AD8302ARU-REEL	AD8302 / AD8302ARU-REEL7	AD8302 / AD8302ARUZ	AD8302 / AD8302ARUZ-REEL
AD8302 / AD8302ARUZ-RL7	AD8327 / AD8327ARU	AD8327 / AD8327ARU-REEL	AD8327 / AD8327ARUZ	AD8327 / AD8327ARUZ-REEL	AD8330 / AD8330ACP-R2
AD8330 / AD8330ACP-REEL	AD8330 / AD8330ACP-REEL7	AD8330 / AD8330ACPZ-R2	AD8330 / AD8330ACPZ-R7	AD8330 / AD8330ACPZ-RL	AD8330 / AD8330ARQ
AD8330 / AD8330ARQ-REEL	AD8330 / AD8330ARQ-REEL7	AD8330 / AD8330ARQZ	AD8330 / AD8330ARQZ-R7	AD8330 / AD8330ARQZ-RL	AD8331 / AD8331ARN-REEL
AD8331 / AD8331ARQ	AD8331 / AD8331ARQ-REEL	AD8331 / AD8331ARQ-REEL7	AD8331 / AD8331ARQZ	AD8331 / AD8331ARQZ-R7	AD8331 / AD8331ARQZ-RL
AD8332 / AD45068	AD8332 / AD45068-REEL7	AD8332 / AD45068Z	AD8332 / AD45068Z-R7	AD8332 / AD45113RUZ	AD8332 / AD45113RUZ-R7
AD8332 / AD45113RUZ-RL	AD8332 / AD8332ACP-R2	AD8332 / AD8332ACP-REEL	AD8332 / AD8332ACP-REEL7	AD8332 / AD8332ACPZ-R2	AD8332 / AD8332ACPZ-R7
AD8332 / AD8332ACPZ-RL	AD8332 / AD8332ARU	AD8332 / AD8332ARU-REEL	AD8332 / AD8332ARU-REEL7	AD8332 / AD8332ARUZ	AD8332 / AD8332ARUZ-R7
AD8332 / AD8332ARUZ-RL	AD8334 / AD8334ACPZ	AD8334 / AD8334ACPZ-REEL	AD8334 / AD8334ACPZ-REEL7	AD8340 / AD8340ACPZ-REEL7	AD8340 / AD8340ACPZ-WP
AD8341 / AD8341ACPZ-REEL7	AD8341 / AD8341ACPZ-WP	AD8345 / AD8345ARE	AD8345 / AD8345ARE-REEL7	AD8345 / AD8345AREZ	AD8345 / AD8345AREZ-RL7
AD8348 / AD8348ARU	AD8348 / AD8348ARU-REEL7	AD8348 / AD8348ARUZ	AD8348 / AD8348ARUZ-REEL7	AD8349 / AD8349ARE	AD8349 / AD8349ARE-REEL7
AD8349 / AD8349AREZ	AD8349 / AD8349AREZ-RL7	AD8351 / AD8351ACHIPS	AD8351 / AD8351ARM	AD8351 / AD8351ARM-REEL7	AD8351 / AD8351ARMZ
AD8351 / AD8351ARMZ-REEL7	AD8351 / AD8351ARU	AD8351 / AD8351ARU-REEL	AD8351 / AD8351ARU-REEL7	AD8353 / AD45201Z-R7	AD8353 / AD8353ACP-R2
AD8353 / AD8353ACP-REEL7	AD8353 / AD8353ACPZ-REEL7	AD8354 / AD8354ACP-R2	AD8354 / AD8354ACP-REEL7	AD8354 / AD8354ACPZ-REEL7	AD8362 / AD45102Z-R7
AD8362 / AD8362ARU	AD8362 / AD8362ARU-REEL7	AD8362 / AD8362ARUZ	AD8362 / AD8362ARUZ-REEL7	AD8362 / AD8362ARU	AD8364 / AD8364ACP-REEL7
AD8364 / AD8364ACPZ-R2	AD8364 / AD8364ACPZ-REEL7	AD8364 / AD8364ACPZ-RL7KL1	AD8364 / AD8364ACPZ-WP	AD8367 / AD8367ARU	AD8367 / AD8367ARU-REEL7
AD8367 / AD8367ARUZ	AD8367 / AD8367ARUZ-RL7	AD8369 / AD8369ARU	AD8369 / AD8369ARU-REEL7	AD8369 / AD8369ARUZ	AD8369 / AD8369ARUZ-REEL7
AD8370 / AD8370ARE	AD8370 / AD8370ARE-REEL7	AD8370 / AD8370AREZ	AD8370 / AD8370AREZ-RL7	ADA4853-1 / ADA4853-1AKSZ-R2	ADA4853-1 / ADA4853-1AKSZ-R7
ADA4853-1 / ADA4853-1AKSZ-RL	ADA4853-2 / ADA4853-2YCPZ-R2	ADA4853-2 / ADA4853-2YCPZ-RL	ADA4853-2 / ADA4853-2YCPZ-RL7	ADA4853-3 / ADA4853-3YCPZ-R2	ADA4853-3 / ADA4853-3YCPZ-R7
ADA4853-3 / ADA4853-3YCPZ-RL	ADA4853-3 / ADA4853-3YRUZ	ADA4853-3 / ADA4853-3YRUZ-R7	ADA4853-3 / ADA4853-3YRUZ-RL	ADA4853-3 / ADW13017Z	ADATE205 / ADATE205BSV
ADATE205 / ADATE205BSVZ	ADCMP551 / ADCMP551BRQ	ADCMP551 / ADCMP551BRQZ	ADCMP551 / ADCMP551XRQ	ADCMP553 / ADCMP553BRM	ADCMP553 / ADCMP553BRMZ
ADCMP553 / ADCMP553XRM	ADCMP561 / ADCMP561BRQ	ADCMP561 / ADCMP561BRQZ	ADCMP563 / ADCMP563BCP-R2	ADCMP563 / ADCMP563BCP-RL7	ADCMP563 / ADCMP563BCP-WP
ADCMP563 / ADCMP563BCPZ-R2	ADCMP563 / ADCMP563BCPZ-RL7	ADCMP563 / ADCMP563BCPZ-WP	ADCMP563 / ADCMP563BRQ	ADCMP563 / ADCMP563BRQZ	ADCMP563 / ADCMP563XCP-WP
ADCMP600 / ADCMP600BKSZ-R2	ADCMP600 / ADCMP600BKSZ-REEL7	ADCMP600 / ADCMP600BKSZ-RL	ADCMP600 / ADCMP600BRJZ-R2	ADCMP600 / ADCMP600BRJZ-REEL7	ADCMP600 / ADCMP600BRJZ-RL
ADCMP601 / ADCMP601BKSZ-R2	ADCMP601 / ADCMP601BKSZ-REEL7	ADCMP601 / ADCMP601BKSZ-RL	ADCMP602 / ADCMP602BRMZ	ADCMP602 / ADCMP602BRMZ-REEL	ADCMP602 / ADCMP602BRMZ-REEL7
ADCMP603 / ADCMP603BCPZ-R2	ADCMP603 / ADCMP603BCPZ-R7	ADCMP603 / ADCMP603BCPZ-WP	ADCMP604 / ADCMP604BKSZ-R2	ADCMP604 / ADCMP604BKSZ-REEL7	ADCMP604 / ADCMP604BKSZ-RL
ADCMP605 / ADCMP605BCPZ-R2	ADCMP605 / ADCMP605BCPZ-R7	ADCMP605 / ADCMP605BCPZ-WP	ADCMP606 / ADCMP606BKSZ-R2	ADCMP606 / ADCMP606BKSZ-REEL7	ADCMP606 / ADCMP606BKSZ-RL
ADCMP607 / ADCMP607BCPZ-R2	ADCMP607 / ADCMP607BCPZ-R7	ADCMP607 / ADCMP607BCPZ-WP	ADCMP608 / ADCMP608BKSZ-R2	ADCMP608 / ADCMP608BKSZ-REEL7	ADCMP608 / ADCMP608BKSZ-RL
ADCMP609 / ADCMP609BRMZ	ADCMP609 / ADCMP609BRMZ-REEL	ADCMP609 / ADCMP609BRMZ-REEL7	ADL5330 / ADL5330ACPZ-R2	ADL5330 / ADL5330ACPZ-REEL7	ADL5330 / ADL5330ACPZ-WP
ADL5331 / ADL5331ACPZ-R2	ADL5331 / ADL5331ACPZ-R7	ADL5331 / ADL5331ACPZ-WP	ADL5331 / ADL5331XCPZ	ADL5390 / ADL5390ACPZ-REEL7	ADL5390 / ADL5390ACPZ-WP
ADN2819 / ADN2819ACP-CML	ADN2819 / ADN2819ACP-CML-RL	ADN2819 / ADN2819ACPZ-CML	ADN2819 / ADN2819ACPZ-CML-RL	ADV3200 / ADV3200ASWZ	ADV3201 / ADV3201ASWZ
GAD53519 / ADCMP565BP	GAD53519 / ADCMP565BPZ				

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	23-Mar-2009	Initial Release

Analog Devices, Inc.

DocId:663 Parent DocId:None