



Product/Process Change Notice - PCN 09_0116 Rev. A

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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 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: Transfer of AD7810 and AD7823 wafer fabrication to TSMC, Taiwan.

Publication Date: 25-Jan-2010

Effectivity Date: 25-Apr-2010 (the earliest date that a customer could expect to receive changed material)

Revision Description:

Notification that AD7810 and AD7823 are to also transfer from ADI Limerick Fab to TSMC, Taiwan.

Description Of Change

Following on from the successful transfer of the wafer fabrication of the AD7811/12 generics from the 6" C6 CMOS process at Analog Devices, Limerick, Ireland to the equivalent 8" C6 CMOS process in TSMC, Taiwan (as per PCN 09_0116 Rev. -) the AD7810/23 generics have been added to this transfer list.

Note: It was previously advised on PCN 04_0080 Rev. G that these generics were transferring to the 8" wafer fab in Analog Devices, Limerick. This transfer has not taken place.

Reason For Change

Increased wafer fabrication capacity.

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

There is no change anticipated to the device specifications, form, fit, function, quality or reliability as a result of this transfer.

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_09_0116_Rev_A_RQR05367B.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 (56)

AD7810 / AD7810YCHIPS	AD7810 / AD7810YN	AD7810 / AD7810YNZ	AD7810 / AD7810YR	AD7810 / AD7810YR-REEL	AD7810 / AD7810YRM
AD7810 / AD7810YRM-REEL	AD7810 / AD7810YRM-REEL7	AD7810 / AD7810YRMZ	AD7810 / AD7810YRMZ-REEL7	AD7810 / AD7810YRZ	AD7810 / AD7810YRZ-REEL
AD7810 / AD7810YRZ-REEL7	AD7811 / AD7811YN	AD7811 / AD7811YNZ	AD7811 / AD7811YR	AD7811 / AD7811YR-REEL	AD7811 / AD7811YRU
AD7811 / AD7811YRU-REEL	AD7811 / AD7811YRU-REEL7	AD7811 / AD7811YRUZ	AD7811 / AD7811YRUZ-REEL	AD7811 / AD7811YRUZ-REEL7	AD7811 / AD7811YRZ
AD7811 / AD7811YRZ-REEL	AD7811 / AD7811YRZ-REEL7	AD7812 / AD7812WYRUZ	AD7812 / AD7812WYRUZ-RL	AD7812 / AD7812YN	AD7812 / AD7812YNZ
AD7812 / AD7812YR	AD7812 / AD7812YR-REEL	AD7812 / AD7812YR-REEL7	AD7812 / AD7812YRU	AD7812 / AD7812YRU-REEL	AD7812 / AD7812YRU-REEL7
AD7812 / AD7812YRUZ	AD7812 / AD7812YRUZ-REEL	AD7812 / AD7812YRUZ-REEL7	AD7812 / AD7812YRZ	AD7812 / AD7812YRZ-REEL	AD7812 / AD7812YRZ-REEL7
AD7823 / AD7823YCHIPS	AD7823 / AD7823YN	AD7823 / AD7823YNZ	AD7823 / AD7823YR	AD7823 / AD7823YR-REEL	AD7823 / AD7823YR-REEL7
AD7823 / AD7823YRM	AD7823 / AD7823YRM-REEL7	AD7823 / AD7823YRMZ	AD7823 / AD7823YRMZ-REEL	AD7823 / AD7823YRMZ-REEL7	AD7823 / AD7823YRZ
AD7823 / AD7823YRZ-REEL	AD7823 / AD7823YRZ-REEL7				

Added Parts On This Revision - Product Family / Model Number (27)

AD7810 / AD7810YCHIPS	AD7810 / AD7810YN	AD7810 / AD7810YNZ	AD7810 / AD7810YR	AD7810 / AD7810YR-REEL	AD7810 / AD7810YRM
AD7810 / AD7810YRM-REEL	AD7810 / AD7810YRM-REEL7	AD7810 / AD7810YRMZ	AD7810 / AD7810YRMZ-REEL7	AD7810 / AD7810YRZ	AD7810 / AD7810YRZ-REEL
AD7810 / AD7810YRZ-REEL7	AD7823 / AD7823YCHIPS	AD7823 / AD7823YN	AD7823 / AD7823YNZ	AD7823 / AD7823YR	AD7823 / AD7823YR-REEL
AD7823 / AD7823YR-REEL7	AD7823 / AD7823YRM	AD7823 / AD7823YRM-REEL7	AD7823 / AD7823YRMZ	AD7823 / AD7823YRMZ-REEL	AD7823 / AD7823YRMZ-REEL7
AD7823 / AD7823YRZ	AD7823 / AD7823YRZ-REEL	AD7823 / AD7823YRZ-REEL7			

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	16-Jun-2009	Initial Release
Rev. A	25-Jan-2010	Notification that AD7810 and AD7823 are to also transfer from ADI Limerick Fab to TSMC, Taiwan.

Analog Devices, Inc.

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