



Product/Process Change Notice - PCN 10_0164 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: ADV7123 & ADV7125 Additional Wafer Fab Location

Publication Date: 22-Sep-2010

Effectivity Date: 21-Dec-2010 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Qualify the 0.6um CMOS process at the Taiwan Semiconductor Manufacturing Company (TSMC), Fab #9, as an alternative wafer fab location for ADV7123/ADV7125. TSMC is currently a qualified location that fabricates CMOS video DAC products.

Capability to fabricate the ADV7123/ADV7125 will also be maintained in its current location, 0.6um CMOS process at ADI, Limerick, Ireland, and material may be supplied from either facilities.

Reason For Change

The addition of TSMC as a supplier for ADV7123 & ADV7125 will provide manufacturing flexibility and help maintain continuity of supply.

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

Quality and reliability levels, electrical performance, and package dimensions will not be affected by this changes. All transferred product will have comparable manufacturing process capabilities. This change will not affect the form, fit or function of the devices.

Product Identification *(this section will describe how to identify the changed material)*

Traceability to the wafer fabrication location will be maintained via the Lot ID marked on the device.

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_10_0164_Rev_-_ADV7123-ADV7125 TSMC Fab9 Reliability Report.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 (11)**

ADV7123 / ADV7123JSTZ240	ADV7123 / ADV7123JSTZ240-RL	ADV7123 / ADV7123JSTZ330	ADV7123 / ADV7123KSTZ140	ADV7123 / ADV7123KSTZ140-RL	ADV7123 / ADV7123KSTZ50
ADV7125 / ADV7125JSTZ240	ADV7125 / ADV7125JSTZ330	ADV7125 / ADV7125KSTZ140	ADV7125 / ADV7125KSTZ50	ADV7125 / ADV7125KSTZ50-REEL	

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	22-Sep-2010	Initial Release

Analog Devices, Inc.

DocId:1168 Parent DocId:None Layout Rev.3