Product/Process Change Notice - PCN 09_0203 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: ADI Silicon Valley Second-Generation Complementary Bipolar CMOS Process (CBCMOS2) Fab/Trim/ Probe Transfer

Publication Date: 23-Nov-2009

Samples Available Date: 22-Jan-2010

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

Description Of Change

ADI sent customers an advance PCN (#05_0126 dated December 23, 2005) outlining plans to transfer processes from ADI's Silicon Valley, California Fab/Trim/Probe facilities to other internal ADI facilities. In 2005, ADI successfully qualified several CBCMOS2 products for Fab/Trim/Probe operations in ADI's Wilmington, Massachusetts facility. PCN(#06_0060) and PCN(#09_0203) addresses plans to transfer all remaining CBCMOS2 products to Wilmington. In conjunction with the completion of the CBCMOS2 transfer, polyimide will be added on top of the passivation for select die. This polyimide layer provides enhanced protection against package-induced stress and will facilitate further standardization of qualified material sets for plastic packages.

Reason For Change

As detailed in PCN 05_0126, ADI is consolidating front-end manufacturing operations. Quality and reliability levels, electrical performance, and package dimensions are not affected by these changes. All transferred product will have comparable or improved manufacturing process capabilities.

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

There will be no changes to the parts fit, form, function and reliability.

Summary of Supporting Information

1. The Wilmington facility is certified to all major quality, environmental, health, and safety systems (including ISO 9001:2008, ISO 14001:2004, ISO/TS 16949:2009, OHSAS 18001:2007, and MIL-PRF-38535).
2. Results from the initial Wilmington CBCMOS2 process qualification in 2005 are provided with this PCN.
3. In addition to the initial CBCMOS2 transfer, another Sunnyvale Fab process (ISOCMOS12) has previously been successfully transferred to Wilmington.
4. The wafer-level polyimide process was previously qualified and has proven highly reliable on millions of shipped units.
5. A Reliability Report (#5786) is provided with this PCN.

Supporting Documents

Attachment 1: ADI_PCN_09_0203_Rev_-_RQR03733B.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 (17)					
AD8303 / AD8303AR	AD8303 / AD8303AR-REEL	AD8303 / AD8303ARZ	AD8303 / AD8303ARZ-REEL	AD8303 / AD8303JRUZ	TMP35 / TMP35FS
TMP35 / TMP35FS-REEL	TMP35 / TMP35FSZ	TMP35 / TMP35FSZ-REEL	TMP35 / TMP35GRT-REEL7	TMP35 / TMP35GRTZ-REEL7	TMP35 / TMP35GS
TMP35 / TMP35GS-REEL	TMP35 / TMP35GSZ	TMP35 / TMP35GSZ-REEL	TMP35 / TMP35GT9	TMP35 / TMP35GT9Z	

Appendix B - Revision History		
Rev	**Publish Date**	**Rev Description**
Rev. -	23-Nov-2009	Subsequent revisions of PCN06_0060. Additional parts are added.