Product/Process Change Notice - PCN 09_0227 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: Metal2 mask edit for ADV7180BSTZ & ADV7180WBSTZ

Publication Date: 22-Oct-2009

Samples Available Date: 07-Dec-2009

Effectivity Date: 20-Jan-2010   *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

The ADV7180WBSTZ has a 'package identifier' pad which is bonded to DVDDIO(3.3V). This 'bond_opt' pad/signal in turn is connected to the digital core which is powered by DVDD(1.8V). A METAL2 only edit is used to connect in a nearby spare level-shifter to level-shift this 'bond_opt' signal to 1.8V prior to entering the digital core.

Reason For Change

Improvement of 'bond_opt' signal conditioning prior to entering digital core.

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

No impact on form, fit or function.

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

Material from a date code 1004 onwards will incorporate the Metal2 change.

Summary of Supporting Information

Combination of simulation and ATE Testing completed to support this change.

Supporting Documents   None

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 (9)					
ADV7180 / ADV7180BSTZ	ADV7180 / ADV7180BSTZ-REEL	ADV7180 / ADV7180WBSTZ	ADV7180 / ADV7180WBSTZ-REEL	SST-AUDIO / ADSST-MPEG-BF533	SST-AUDIO / ADSST-MPEG-BF535Z
SST-VIDEO / ADSST-VC9100-00	SST-VIDEO / ADSST-VC9110	SST-VIDEO / ADSST-VC9210			

Appendix B - Revision History		
Rev	Publish Date	Rev Description
Rev. -	22-Oct-2009	Initial Release