Product/Process Change Notice - PCN 12_0227 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 publication date. ADI contact information is listed below.

PCN Title: Datasheet Specifications Improvement on AD8226

Publication Date: 21-Sep-2012

Effectivity Date: 21-Sep-2012 *(the earliest date that a customer could expect to receive changed material)*

Revision Description:

Initial Release

Description Of Change

Datasheet specifications on the following parameters will be IMPROVED. All listed specifications listed below will appear in Rev C of the datasheet.

AD8226ARZ and AD8226ARMZ
CMRR Gain of 1 with DC to 60Hz will be improved from 80dB to 86dB
CMRR Gain of 10 with DC to 60Hz will be improved from 100dB to 106dB
CMRR Gain of 100 with DC to 60Hz will be improved from 105dB to 120dB
CMRR Gain of 1000 with DC to 60Hz will be improved from 105dB to 120dB
Vosi will be improved from 200uV to 100uV
Voso will be improved from 1000uV to 600uV
PSRR Gain of 1 will be improved from 80dB to 100dB
PSRR Gain of 10 will be improved from 100dB to 115dB
PSRR Gain of 100 will be improved from 105dB to 120dB
PSRR Gain of 1000 will be improved from 105dB to 120dB
IOS will be improved from 1.5nA to 1.0nA
Gain Error G=1 will be improved from 0.04% to 0.015%
Gain Error G=1 to 1000 will be improved from 0.3% to 0.15%

AD8226BRZ and AD8226BRMZ
Vosi will be improved from 100uV to 50uV
Voso will be improved from 500uV to 400uV
PSRR Gain of 1 will be improved from 90dB to 100dB
CMRR Gain of 10 with DC to 60Hz will be improved from 105dB to 106dB
CMRR Gain of 100 with DC to 60Hz will be improved from 110dB to 120dB
CMRR Gain of 1000 with DC to 60Hz will be improved from 110dB to 120dB
PSRR Gain of 10 will be improved from 105dB to 115dB
PSRR Gain of 100 will be improved from 110dB to 120dB
PSRR Gain of 1000 will be improved from 110dB to 120dB

Reason For Change

It is Analog Devices goal to continuously improve the products we manufacture. The AD8226 specifications have been dramatically improved as volume production data had become more readily available enabling better guaranteed device performance.

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

Positive change in guaranteed specifications

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

All models assembled post 1231

Summary of Supporting Information

No Qualification Required.

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 (12)				
AD8226 / AD8226ARMZ	AD8226 / AD8226ARMZ-R7	AD8226 / AD8226ARMZ-RL	AD8226 / AD8226ARZ	AD8226 / AD8226ARZ-R7
AD8226 / AD8226ARZ-RL	AD8226 / AD8226BRMZ	AD8226 / AD8226BRMZ-R7	AD8226 / AD8226BRMZ-RL	AD8226 / AD8226BRZ
AD8226 / AD8226BRZ-R7	AD8226 / AD8226BRZ-RL			

Appendix B - Revision History			
Rev	**Publish Date**	**Effectivity Date**	**Rev Description**
Rev. -	21-Sep-2012	21-Sep-2012	Initial Release