Product/Process Change Notice - PCN 09_0067 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 receiving this notification. The information contained within this PCN is considered proprietary and should not be shared outside of your company. ADI contact information is listed below.

PCN Title: AD5560JSVUZ Datasheet Specification Change

Publication Date: 29-Apr-2009

Samples Available Date: 21-Apr-2009

Effectivity Date: 01-May-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

Changes to MI (Measure Current) and MV (Measure Voltage) Linearity Error Specifications for GAIN 0.2 setting only.

Measure Current (MEASOUT Gain = 0.2):

Nominal supply (±16.5 V, 0x8000 offset DAC).
Linearity Error from ±0.0375 to ±0.06 % FSCR MI gain = 20.
Linearity Error from ±0.025 to ±0.05 % FSCR MI gain = 10.

Low supply (-25 V/+8 V, 0xD4EB offset DAC).
Linearity Error from ±0.075 to ±0.125 % FSCR MI gain = 20.

High supply (-5 V/+28 V, 0xD1D offset DAC).
Linearity Error from ±0.075 to ±0.0875 % FSCR MI gain = 20.
Linearity Error from ±0.075 to ±0.1 % FSCR MI gain = 10.

Measure Voltage (Measout Gain 0.2)

Linearity Error from ±2mV to ±5.5mV, nominal supply (±16.5 V, 0x8000 offset DAC).
from -4/+24mV to -9/+24mV, low supply (-25 V/+8 V, 0xD4EB offset DAC).
from -2/+8mV to -4/+13mV, high supply (-5 V/+28 V, 0xD1D offset DAC).

Reason For Change

This is a datasheet and test limit change in order to accuractly reflect device capabilities.
There are no changes to the product design.

Changes are being implemented in Rev. B of the AD5560 datasheet to be posted on the Analog Devices website when available.

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

There is no change in the product design or reliability of the device.

Customers using the device with gain setting (Measout Gain 0.2) will need to review their error budget to determine whether these revised specifications impact system specifications.

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

Date code 0850

Summary of Supporting Information

Extensive inventory build data has been reviewed to ensure the validity of revised specifications.

Supporting Documents None

For questions on this PCN, send email to the regional contacts below or contact your local ADI sales representitive					
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 (1)
AD5560 / AD5560JSVUZ

Appendix B - Revision History		
Rev	**Publish Date**	**Rev Description**
Rev. -	29-Apr-2009	Initial Release