



## Product/Process Change Notice - PCN 14\_0183 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:** AD9508 Specification Table changes  
**Publication Date:** 04-Sep-2014  
**Effectivity Date:** 04-Sep-2014 *(the earliest date that a customer could expect to receive changed material)*

### Revision Description:

Initial Release

### Description Of Change

Change current consumption numbers in Table 1 for LVDS and HSTL configurations.

- 1) LVDS typical from 152mA to 165mA
- 2) HSTL typical from 182mA to 194mA
- 3) HSTL typical from 118mA to 131mA
- 4) LVDS max from 168mA to 182mA
- 5) HSTL max from 200mA to 213mA
- 6) HSTL max from 131mA to 144mA

Change CMOS input high/low levels in Table 2

- 7) Minimum logic high from  $VDD/2-0.15V$  to  $VDD/2+0.15V$
- 8) Maximum logic low from  $VDD/2+0.15V$  to  $VDD/2-0.15V$

### Reason For Change

Updating datasheet to accurately reflect device capabilities. There is no change to the product design

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

There is no change in the product design or operation of the device therefore there will be no impact on the fit, form, function and reliability of the device

### Summary of Supporting Information

No change to actual product, therefore 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

<b>Americas:</b>	PCN_Americas@analog.com	<b>Europe:</b>	PCN_Europe@analog.com	<b>Japan:</b>	PCN_Japan@analog.com
				<b>Rest of Asia:</b>	PCN_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (5)**

AD9508 / AD9508PCBZ

AD9508 / AD9508BCPZ

AD9508 / AD9508BCPZ-REEL7

AD9508 / AD9508SCPZ-EP

AD9508 / AD9508SCPZ-EP-R7

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	04-Sep-2014	04-Sep-2014	Initial Release

Analog Devices, Inc.

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