



Product/Process Change Notice - PCN 09_0100 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: Datasheet change to ADA4898-1
Publication Date: 22-Jul-2009
Samples Available Date:
Effectivity Date: 22-Jul-2009 *(the earliest date that a customer could expect to receive changed material)*

Description Of Change

ADA4898-1 +/-15V Specifications Page:
 Input Offset Voltage, change max from "110" uV to "120" uV
 Input Capacitance Diff Mode, change typ from "0.8 pF" to "3.2" pF
 Input Capacitance Comm Mode, change typ from "2.2" pF to "2.5" pF
 Output Voltage Swing, change name of condition from "RL=1k" to "RL=500", change min from "+12.1" to "+11.8", change typ from "+12.2" to "+12.1"
 Output Voltage Swing, change name of condition from "RL=none" to "RL=1k", change min from "+/-12.76" to "-12.7 to +12.5", change typ from "+/- 12.82" to "-12.8 to +12.7"
 Quiescent Current, PD = +Vs, add max "8.7" ma, PD = -Vs, add max "0.3" mA

ADA4898-1 +/-5V Specifications Page:
 Input Bias Current, change max from "-0.4" uA to "-0.5" uA
 Input Capacitance Diff Mode, change typ from "0.8 pF" to "3.2" pF
 Input Capacitance Comm Mode, change typ from "2.2" pF to "2.5" pF
 Output Voltage Swing, change name of condition from "RL=1k" to "RL=500"
 Output Voltage Swing, change name of condition from "RL=none" to "RL=1k"
 Quiescent Current, PD = +Vs, add max "8.4" ma, PD = -Vs, add max "0.2" mA

Reason For Change

To reflect actual device performance. The most important change is that the worst case (minimum) positive swing performance at the higher voltage (+/-Vs = 15V) is about 300mV less than originally published now that more data has been collected and analyzed.

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

No change to fit, form or function

Summary of Supporting Information

150 parts from 2 different wafer lots (300 parts total) were tested at ADGT. Statistics were analyzed using Datatool by Wilmington Product / Test.

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 (3)

ADA4898-1 / ADA4898-1YRDZ

ADA4898-1 / ADA4898-1YRDZ-R7

ADA4898-1 / ADA4898-1YRDZ-RL

Appendix B - Revision History

Rev	Publish Date	Rev Description
Rev. -	22-Jul-2009	Initial Release

Analog Devices, Inc.

DocId:739 Parent DocId:None