Product/Process Change Notice - PCN 25_0204 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. An acceptance or concern response should be submitted to ADI promptly. Any requests for samples of changed material or additional information must be made within 30 days of the notification. In accordance with JEDEC Standard 046, customers should acknowledge receipt of the PCN within 30 days of the PCN delivery. ADI contact information is listed below. Note: Revised fields are indicated by a red field name. See Appendix B for revision history.

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change. After the acknowledgment, a lack of additional requests within 90 days constitutes acceptance of the change.

PCN Title:	AD8460 Data Sheet Revision
Publication Date:	24-Oct-2025
Effectivity Date:	24-Oct-2025 *(the earliest date that a customer could expect to receive changed material)*
Revision Description:	Initial Release.

Description Of Change:

From:
Output 1% Settling Time:
t_ST (Conditions/Comments, min, typ, max) = (V_OUT = 40 V p-p. See Figure 4., , 13.5 µs, ,)

Output 0.1% Settling Time:
t_ST (Conditions/Comments, min, typ, max) = (V_OUT = 40 V p-p. See Figure 4., , 39.5 µs, ,)

SDN_IO Specifications:
Output Current Drive Sink (Conditions/Comments, min, typ, max) = (, , -180µA, ,)
Output Current Drive Source (Conditions/Comments, min, typ, max) = (, , 180µA, ,)
(Turn On Time, Not Specified)

DC Overcurrent Protection:
(Shutdown Response Time, Not Specified)

DC Overvoltage Protection:
(Shutdown Response Time, Not Specified)

DC Overtemperature Protection:
Setpoint Range (Conditions/Comments, min, typ, max) = (Max, , 150°C,)
Setpoint Range (Conditions/Comments, min, typ, max) = (Min, , 20°C,)
Code Range (min, typ, max) = (0x2C, , 0x40)
Setpoint Accuracy (Conditions/Comments, min, typ, max) = ([Code = 0x40, TJ = 150°C], , 2.3°C,)
(Shutdown Response Time, Not Specified)

Temperature Monitor Specifications:
(Output Impedance Sourcing, Not Specified)
(Output Current Sinking, Not Specified)

Absolute Maximum Ratings
(HVCC to GND, Not Specified)
(HVEE to GND, Not Specified)

To:
Output 1% Settling Time:
t_ST (Conditions/Comments, min, typ, max) = (V_OUT = 80 V p-p. See Figure 4., , 220 ns,)

Output 0.1% Settling Time:
t_ST (Conditions/Comments, min, typ, max) = (V_OUT = 80 V p-p. See Figure 4., , 450 ns,)

SDN_IO Specifications:
Output Current Drive Sink (Conditions/Comments, min, typ, max) = (SDN_IO = 80% of VCC_5V, , -180µA,)
Output Current Drive Source (Conditions/Comments, min, typ, max) = (SDN_IO = 20% of VCC_5V, , 200µA,)
Turn On Time (Conditions/Comments, min, typ, max) = ([IOUT = 0 A, SDN_IO < SDN_IO_FALLING to turn on. See Delayed Shutdown.], , 2µs,)
Turn On Time (Conditions/Comments, min, typ, max) = ([IOUT = 500 mA, SDN_IO < SDN_IO_FALLING to turn on. See Delayed Shutdown.], , 11.5µs,)

DC Overcurrent Protection:
Shutdown Response Time (Conditions/Comments, min, typ, max) = ([C_SDN_IO = DNI, Code = 0x32], , 1.6µs,)

DC Overvoltage Protection:
Shutdown Response Time (Conditions/Comments, min, typ, max) = ([C_SDN_IO = DNI, Code = 0x1A], , 0.9µs, ,)

DC Overtemperature Protection:
Max Setpoint Range (Conditions/Comments, min, typ, max) = (, , 150°C,)
Min Setpoint Range (Conditions/Comments, min, typ, max) = (, , -40°C,)
Code Range (min, typ, max) = (0x23, , 0x40)
Setpoint Accuracy (Conditions/Comments, min, typ, max) = ([Code = 0x40, accuracy with ideal TMP pin voltage], , 3.6°C,)
Shutdown Response Time (Conditions/Comments, min, typ, max) = ([C_SDN_IO = DNI, Code = 0x40], , 1µs,)

Temperature Monitor Specifications:
Output Impedance Sourcing (Symbol, min, typ, max) = (TMP_Z, , 40Ohm,)
Output Current Sinking (Symbol, min, typ, max) = (TMP_Z, , -100µA,)

Absolute Maximum Ratings
HVCC to GND = 107.5V
HVEE to GND = -57.5V

Reason For Change:

Data Sheet is being revised to reflect the actual product performance.

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

The change positively impacts part reliability. Any added or revised specifications were introduced to give customers more accurate insights into the part's performance. These details were previously missing from the datasheet or unavailable due to limitations in measurement setups.

Summary of Supporting Information:

Changes will be reflected in Product Data Sheet Rev. 2. See attached Data Sheet Specification Comparison located in the Support Documents section of this PCN.

Supporting Documents:

Attachment 1: Type: Datasheet Specification Comparison

ADI_PCN_25_0204_Rev_-_AD8460_Data Sheet Specification Comparison.pdf

Note: If applicable, the device material declaration will be updated due to material change.

ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:	Europe:	Japan:	Korea:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:

Added Parts On This Revision - Product Family / Model Number (3)

AD8460 / AD8460BSVZ	AD8460 / AD8460BSVZ-RL	AD8460 / AD8460XSVZ

Appendix B - Revision History:			
Rev	**Publish Date**	**Effectivity Date**	**Rev Description**
Rev. -	24-Oct-2025	24-Oct-2025	Initial Release.