ANALOG
DEVICES

ADH451S Data Sheet Limit Revision

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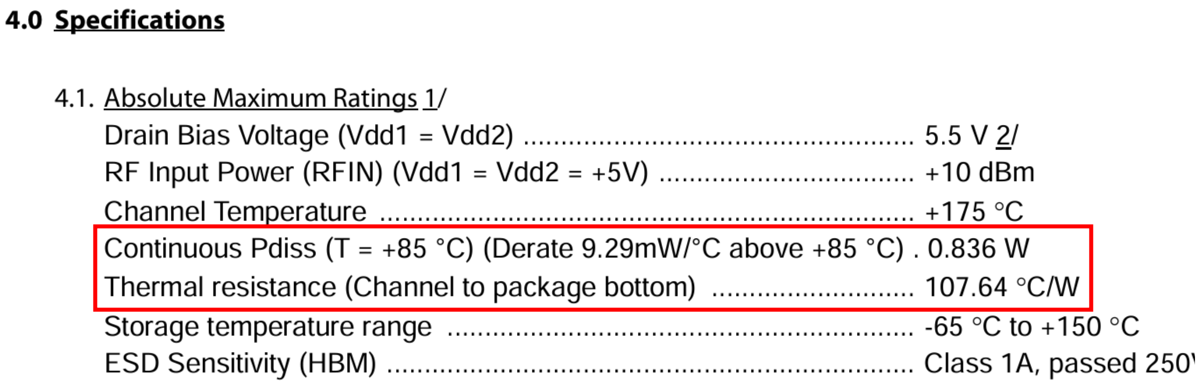
Data Sheet Specification Comparison

Rev C

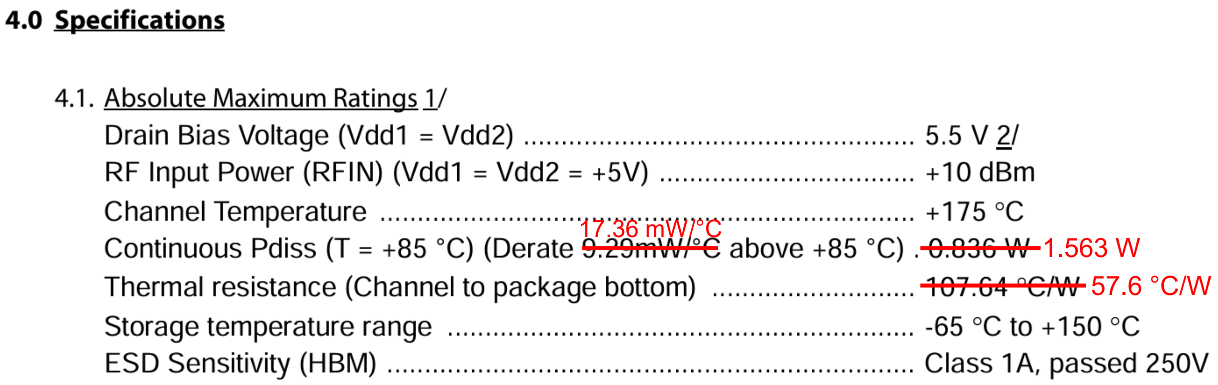


4.0 Specifications

4.1. Absolute Maximum Ratings 1/

Drain Bias Voltage (Vdd1 = Vdd2)	5.5 V 2/
RF Input Power (RFIN) (Vdd1 = Vdd2 = +5V)	+10 dBm
Channel Temperature	+175 °C
Continuous Pdiss (T = +85 °C) (Derate 9.29mW/°C above +85 °C)	0.836 W
Thermal resistance (Channel to package bottom)	107.64 °C/W
Storage temperature range	-65 °C to +150 °C
ESD Sensitivity (HBM)	Class 1A, passed 250

Rev D



4.0 Specifications

4.1. Absolute Maximum Ratings 1/

Drain Bias Voltage (Vdd1 = Vdd2)	5.5 V 2/
RF Input Power (RFIN) (Vdd1 = Vdd2 = +5V)	+10 dBm
Channel Temperature	+175 °C
Continuous Pdiss (T = +85 °C) (Derate ~~9.29mW/°C~~ 17.36 mW/°C above +85 °C)	~~0.836 W~~ 1.563 W
Thermal resistance (Channel to package bottom)	~~107.64 °C/W~~ 57.6 °C/W
Storage temperature range	-65 °C to +150 °C
ESD Sensitivity (HBM)	Class 1A, passed 250V