

AD8418A Final Test with AMVR

**Qualification Results Summary
for AD8418A Final Test with AMVR**

QUALIFICATION RESULTS			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)	JESD22-A108	3 x 77	Pass

Changes to AMR Table on Page 4 of AD8418A Datasheet (from Rev C to Rev D)

AD8418A	REV C
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ABSOLUTE MAXIMUM RATINGS

Table 3.

Parameter	Rating
Supply Voltage	6 V
Input Voltage Range	
Continuous	-2 V to +70 V
Survival	-4 V to +85 V
Differential Input Survival	±5.5 V
Reverse Supply Voltage	0.3 V
ESD Human Body Model (HBM)	±2000 V
Operating Temperature Range	
AD8418AWB	-40°C to +125°C
AD8418AWH	-40°C to +150°C
Storage Temperature Range	-65°C to +150°C
Output Short-Circuit Duration	Indefinite
SOIC Package	
θ_{JA} Thermal Resistance	127.4°C/W
MSOP Package	
θ_{JA} Thermal Resistance	134.5°C/W

- ← Remove line: this is operating range...not AMR
- ← Modify Parameter name for clarity. fix rating values
- ← Shorten & indent Parameter name for clarity, add clarity to rating



AD8418A	REV D
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ABSOLUTE MAXIMUM RATINGS

Table 3.

Parameter	Rating
Supply Voltage	6 V
Input Voltage Range	
Common-mode	-3V to +80V
Differential	5.5 V (Magnitude)
Reverse Supply Voltage	0.3 V
ESD Human Body Model (HBM)	±2000 V
Operating Temperature Range	
AD8418AWB	-40°C to +125°C
AD8418AWH	-40°C to +150°C
Storage Temperature Range	-65°C to +150°C
Output Short-Circuit Duration	Indefinite
SOIC Package	
θ_{JA} Thermal Resistance	127.4°C/W
MSOP Package	
θ_{JA} Thermal Resistance	134.5°C/W