

**ADuM4223W _R3 Qualification Results Summary
Automotive Grade 1 Qualification (16L_SOIC_W)**

QUALIFICATION PLAN / STATUS			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)* ²	JEDEC <i>JESD22-A108</i>	9 x 77	Pass
Highly Accelerated Stress Test (HAST)* ¹	JEDEC <i>JESD22-A110</i>	9 x 77	Pass
Temperature Cycle (TC)* ¹	JEDEC <i>JESD22-A104</i>	9 x 77	Pass
Unbiased HAST* ¹	JEDEC <i>JESD22-A118</i>	9 x 77	Pass
High Temperature Storage Life (HTSL) ¹	JEDEC <i>JESD22-A103</i>	6 x 77 3 x 45	Pass
Solder Heat Resistance (SHR)* ¹	JEDEC/IPC <i>J-STD-020</i>	3 x 10	Pass
Latch-Up ¹	JEDEC <i>JESD78</i>	1 x 18	Passed ±200mA @+8.25V / +27V
Electrostatic Discharge <i>Human Body Model</i> ¹	ESDA/JEDEC <i>JS-001</i>	3/voltage	Passed ±2500V
Electrostatic Discharge <i>Field-Induced Charged Device Model</i> ¹	JEDEC <i>JESD22-C101</i>	3/voltage	Passed ±1250V

*Preconditioned per JEDEC/IPC J-STD-020

¹Electrical test was performed at Room/Hot/HV First&Last.

²Electrical test was performed at Cold/Room/Hot/HV First&Last