

ADuM125xW Die Rev C – Automotive Grade 1 Qualification

QUALIFICATION RESULTS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	3x77 6x45	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	3x77 9x45	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	6x77 4x45	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	4x77 4x45	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	3x45 2x77	Pass
Latch-Up	JEDEC Standard 78	1x6	Pass
Electrostatic Discharge <i>Human Body Model</i>	ESD Association <i>JEDEC JS-001-2011</i>	1x24	Pass +/- 4000V
Electrostatic Discharge <i>Machine Model</i>	ESD Association <i>JESD22-A115</i>	1x6	Pass +/- 4000V
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	ESD Association <i>JESD22-C101</i>	1x18	Pass +/- 1250V¹

*Preconditioned per JEDEC/IPC J-STD-020
1-All pins were zapped