

ADuM4190 Die Revision

Qualification Results Summary of ADuM4190 Die Revision

QUALIFICATION PLAN / STATUS			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	9 x 77	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	9 x 77	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	9 x 77	Pass
Unbiased Highly Accelerated Stress Test (uHAST)*	JEDEC <i>JESD22-A118</i>	9 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	2 x 77 1 x 45	Pass
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	Pass
Latch-Up	JEDEC <i>JESD78</i>	1 x 9	Pass
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC <i>JS-001</i>	3/voltage	Pass 4.0kV
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	JEDEC <i>JESD22-C101</i>	3/voltage	Pass 1.25kV

*Preconditioned per JEDEC/IPC J-STD-020