

Qualification Results Summary for ADuM240x Die Revision (SOIC_IC Package)

QUALIFICATION RESULTS			
TEST	CONDITIONS	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>	6 x 77	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	6 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	5 x 77 4 x 45	Pass
SHR (Solder Heat Resistance)*	JEDEC/IPC <i>J-STD-020</i>	1 x 30	Pass
Latch up	JEDEC Standard 78	1 x 12	Pass +/- 100mA @ +8.25V
Electrostatic Discharge <i>Human Body Model</i>	ESD Association <i>STM5.1-2007</i>	1 x 18	Pass ±4000V
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	ESD Association <i>STM5.3.1-1999</i>	1 x 18	Pass ±1250V
Electrostatic Discharge Machine Model	JESD22-A115	1 x 18	Pass ±200V

*Preconditioned per JEDEC/IPC J-STD-020