

Qualification Results Summary for AD548 Wilmington Bipolar Process Change From 4" to 6" Wafer Diameter

QUALIFICATION RESULTS			
Test	Specification	Sample Size	Results
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	7 x 45 2 x 77	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	7 x 45	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	5 x 45 4 x 77	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	5 x 45 4 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	7 x 77	Pass
Latch-Up	JEDEC <i>JESD78</i>	1 x 12	Pass +/- 200mA @ +22.5V
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC <i>JDS-001-2011</i>	1 x 24	Pass ±700V
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	JEDEC <i>JESD22-C101</i>	1 x 18	Pass ±1250V

*Preconditioned per JEDEC/IPC J-STD-020