

Qualification Results: AD8202 (die sale) with new kelvin pads and 5um polyimide

QUALIFICATION RESULTS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC JESD22-A108	7 x 77 2 x 45	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC JESD22-A110	6 x 77	Pass
Temperature Cycle (TC)*	JEDEC JESD22-A104	9 x 77	Pass
Temperature/Humidity/Bias (THB)*	JEDEC JESD22-A101	3 x 77	Pass
Autoclave (AC)*	JEDEC JESD22-A102	9 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC JESD22-A103	9 x 77	Pass
SHR (Solder Heat Resistance)*	ADI-0049	1 x 30	Pass
Latch-Up	JEDEC Standard 78	1 x 6	Pass
Electrostatic Discharge Human Body Model	ESD Association/JEDEC JS-001-2011	1 x 24	Pass ± 2500 V
Electrostatic Discharge Field-Induced Charged Device Model	JEDEC JESD22-C101	1 x 18	Pass ± 1250V
Electrostatic Discharge Machine Model	JEDEC JESD22-A115	1 x 6	Pass ± 200V

*Preconditioned per JEDEC/IPC J-STD-020 (SOIC_N @ Amkor-P was used for this bare die qualification)