

Addition of a Polyimide Layer to ADA4891-4 in 14-Lead TSSOP

**Automotive Qualification Results Summary of
Polyimide Layer to ADA4891-4 in 14-Lead TSSOP**

QUALIFICATION RESULTS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	693	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	693	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	693	Pass
Temperature/Humidity/Bias (THB)* <HAST was performed>	JEDEC <i>JESD22-A101</i>	NA	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	693	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	231	Pass
Solder Heat Resistance (SHR)*	<i>ADI-0049</i>	1944	Pass
Latch-Up	JEDEC <i>JESD78</i>	3	Pass
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC <i>JDS-001-2011</i>	3/voltage	Pass 8000V
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	JEDEC <i>JESD22-C101</i>	3/voltage	Pass 1250V

*Preconditioned per JEDEC/IPC J-STD-020