

Qualification Results Summary of LFCSP at AET Qualification

QUALIFICATION PLAN / STATUS				
TEST	SPECIFICATION	CONDITIONS	SAMPLE SIZE	RESULTS
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	-65°C/+150°C, 1,000 Cycles	6 x 77	Pass
Temperature/Humidity/Bias (THB)*	JEDEC <i>JESD22-A101</i>	85°C, 85%RH, 1,000 Hours	1 x 77	Pass
Highly Accelerated Temperature and Humidity Stress Test (HAST) *	JESD22-A110	130C 85%RH 33.3 psia, Biased, 96 Hours	6 x 77	Pass
Unbiased HAST (UHAST)*	JESD22-A118	130C 85%RH 33.3 psia, 96 Hours	6 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	150°C, 1,000 Hours	3 x 77	Pass
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	MSL-3	6 x 11	Pass
Electrostatic Discharge Field-Induced Charged Device Model	JEDEC <i>JESD22-C101</i>		3/voltage	Pass ±1250V

*Preconditioned per JEDEC/IPC J-STD-020