

PCN 13_0021

Qualification Results 16-LFCSP-4X4X1.45			
TEST	Conditions	SAMPLE SIZE (LOT/QTY)	RESULTS
Autoclave*	JESD22-A102 96H	3x77	PASS
HAST*	JESD22-A110 96H	3x77	PASS
HTOL*	JESD22-A108 500H	3x77	PASS
HTS*	JESD22-A103 168H	3x77	PASS
LTS	JESD22-A119 × P168	3x77	PASS
Mechanical Shock - Powered	IEC 68 Part 2-27 Testgroup Ea × Single Duration	3x10	PASS
Random Drop	AEC-Q100 Test G5 × Single Duration	3x45	PASS
Temp Cycle*	JESD22-A104 1000H	3x77	PASS

*Preconditioned per JEDEC/IPC J-STD-020, Level 3, 3 passes 260°C reflow.

Qualification Results 32-CBGA-7X7_MM			
TEST	Conditions	SAMPLE SIZE (LOT/QTY)	RESULTS
Board Level Drop Test	JESD22-B111 1500G, 0.5msec half-sine pulse Single Duration	3x7	PASS
Constant Acceleration	MIL-STD-883 Method 2001 10kg Single Duration	3x15	PASS
HTOL*	JESD22-A108 150C<Tj<175C, Biased 500H	3x77	PASS
HTS*	JESD22-A103 150C 1000H	3x77	PASS
LTS	JESD22-A119 -40C 1000H	3x77	PASS
Mechanical Shock - Powered	IEC 68 Part 2-27 Testgroup Ea 4000g, 5 shock pulses, 0.5ms Single Duration	3x9	PASS
Temp Cycle*	JESD22-A104 - 55C/+125C 1000H	3x77	PASS

*Preconditioned: 3 passes 260°C reflow

Qualification Results 16-SOIC_CAV			
TEST	Conditions	SAMPLE SIZE (LOT/QTY)	RESULTS
Autoclave*	JESD22-A102 121C 100%RH 2atm P96	3x77	PASS
Constant Acceleration	MIL-STD-883 Method 2001 10kg Single Duration	3x15	PASS
Guided Drop	IEC60068-2-32 1X6 axes- 1.2m concrete Single Duration	3x5	PASS
HTOL*	JESD22-A108 150C<Tj<175C, Biased, Monitored P500	3x77	PASS
HTS*	JESD22-A103 150C P1000	3x77	PASS
LTS	JESD22-A119 -40C P1000	3x77	PASS
Mechanical Shock - Powered	IEC 68 Part 2-27 Testgroup Ea 2000g, 5 shock pulses, 0.5ms Single Duration	3x9	PASS
Temp Cycle*	JESD22-A104 - 40C/+150C P1000	3x77	PASS
THB*	JESD22-A101 85C 85%RH, Biased P1000	3x77	PASS

*Preconditioned per JEDEC/IPC J-STD-020, Level 3, 3 passes 260°C reflow.