

Qualification Data for LFCSP Devices at Amkor Philippines

QUALIFICATION RESULTS 20-LFCSP			
TEST	SPECIFICATION	SAMPLE SIZE (LOT/QTY)	RESULTS
High Temperature Storage (HTS)	JESD22-A103 150°C, 1000 hours	1 x 77	Pass
Temperature Cycle*	JES22-A104, -65°C to +150°C, 2 cycle per hour, 500 cycles	3 x 77	Pass
Biased HAST *	JESD22-A110, 130°C, 85% RH, 96hrs	3 x 77	Pass
Autoclave *	JESD22-A102, 121°C, 100% RH, 96hrs	3 x 77	Pass
Solder Heat Resistance (SHR)*	JEDEC/IPC J-STD-020	3 x 11	Pass
Electrostatic Discharge (ESD) Field Induced Charged Device Model (FICDM)	JESD22-C101, >500V	1 x 3	Pass

QUALIFICATION RESULTS 48-LFCSP			
TEST	SPECIFICATION	SAMPLE SIZE (LOT/QTY)	RESULTS
High Temperature Storage (HTS)	JESD22-A103 150°C, 1000 hours	1 x 45	Pass
Temperature Cycle*	JES22-A104, -65°C to +150°C, 2 cycle per hour, 500 cycles	3 x 45	Pass
Biased HAST *	JESD22-A110, 130°C, 85% RH, 96hrs	3 x 45	Pass
Autoclave *	JESD22-A102, 121°C, 100% RH, 96hrs	3 x 45	Pass
Solder Heat Resistance (SHR)*	JEDEC/IPC J-STD-020	3 x 11	Pass
Electrostatic Discharge (ESD) Field Induced Charged Device Model (FICDM)	JESD22-C101, >500V	1 x 3	Pass

*Preconditioned Per JEDEC/IPC J-STD-020