

Automotive Qualification Results Summary of Sawn LFCSP Package at Amkor Philippines(ATP)

QUALIFICATION RESULTS			
Test	Conditions	Sample Size	RESULTS
Temperature/Humidity/Bias (THB)*	JEDEC <i>JESD22-A101</i>	3 x 77	Passed
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3 x 77	Passed
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	3 x 77	Passed
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	3 x 11	Passed
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	1 x 77	Passed
Field Induced Charged Device Model (FICDM)	JEDEC <i>JESD22-C101</i>	1 x 18	Passed

*These samples will be subjected to preconditioning (per J-STD-020 Level 3) prior to the start of the stress test. Level 3 preconditioning consists of the following: Bake: 24 hrs @ 125°C, Soak: Unbiased Soak: 192 hrs @ 30°C, 60%RH, Reflow: 3 passes through an oven with a peak temperature of 260°C. TCT samples will be wire-pull test after 500 cycles. Preconditioned per JEDEC/IPC J-STD-020.