

Qualification Results Summary of LQFP & eLQFP at ASE Chungli

QUALIFICATION STATUS – LQFP & EXPOSED LQFP			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	16*77	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	14*77	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	14*77	Pass
Autoclave (PCT)*	JEDEC <i>JESD22-A102</i>	15*77	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	13*45	Pass
Early Life Failure Rate (ELF)	<i>AEC Q100-008</i>	3*800	Pass

*Preconditioned per JEDEC/IPC J-STD-020