

**Assembly Site Transfer of Select 48L TSSOP Products from Amkor
To ATEC Philippines**

**Qualification Results Summary for 48L TSSOP 6.1mm at
ATEC Philippines**

TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Temperature Cycle Test (TCT)*	JESD22-A104	9 x 77	PASS
Solder Heat Resistance Test (SHR)*	J-STD-020	9 x 11	PASS
Unbiased Highly Accelerated Stress Test (uHAST)*	JESD22-A102	9 x 77	PASS
Highly Accelerated Stress Test (HAST)*	JESD22-A110	4 x 77	PASS
High Temperature Storage (HTS)	JESD22-A103	3 x 77 2 x 50	PASS
Solderability	JESD22-B102	3 x 15	PASS

*These samples will be subjected to preconditioning (per J-STD-020 Level 1) prior to the start of the stress test. Level 1 preconditioning consists of the following: 1. Bake – 24 hours at 125°C; 2. Soak – unbiased soak for 168 hours at 85°C, 85%RH; 3. Reflow – three passes through a reflow oven with a peak temperature of 260°C.