

**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.