

Reliability Qualification Results of 4x4 sawn LFCSP package at ATP

| QUALIFICATION RESULTS | | | |
|--|----------------------------|---------------|-------------|
| TEST | CONDITIONS | SAMPLE SIZE | RESULTS |
| Highly Accelerated Stress Test (HAST)* | JEDEC <i>JESD22-A110</i> | 3 x 77 | Pass |
| Temperature Cycle (TC)* | JEDEC <i>JESD22-A104</i> | 3 x 77 | Pass |
| Autoclave (AC)* | JEDEC <i>JESD22-A102</i> | 3 x 77 | Pass |
| Solder Heat Resistance (SHR)* | <i>JEDEC/IPC J-STD-020</i> | 3 x 11 | Pass |

*These samples were subjected to preconditioning (per J-STD-020 Level 3) prior to the start of the stress test. Level 1 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.