

## Qualification Results 10 0302

| QUALIFICATION RESULTS  |  |              |               |
|--|--|--------------|---------------|
| TEST   | CONDITIONS                                 | SAMPLE SIZE  | Results       |
| High Temperature Operating Life (HTOL)*                              | JEDEC <i>JESD22-A108</i>                   | <b>3x77</b>  | <b>Passed</b> |
| Highly Accelerated Stress Test (HAST)*                               | JEDEC <i>JESD22-A110</i>                   | <b>3x77</b>  | <b>Passed</b> |
| ELF  | MIL-STD-883, Method 1015                   | <b>3x660</b> | <b>Passed</b> |
| Temperature Cycle (TC)*  | JEDEC <i>JESD22-A104</i>                   | <b>3x77</b>  | <b>Passed</b> |
| Data Retention Bake 25C  | Per Data Sheet                             | <b>3x77</b>  | <b>Passed</b> |
| Data Retention Bake 125C   | Per Data Sheet                             | <b>3x77</b>  | <b>Passed</b> |
| Endurance Cycling 25C  | JESD22-A117                                | <b>3x77</b>  | <b>Passed</b> |
| Endurance Cycling -40C   | JESD22-A117                                | <b>3x77</b>  | <b>Passed</b> |
| Endurance Cycling 125C   | JESD22-A117                                | <b>3x77</b>  | <b>Passed</b> |
| Autoclave (AC)*  | JEDEC <i>JESD22-A102</i>                   | <b>3x77</b>  | <b>Passed</b> |
| High Temperature Storage Life (HTSL)                                 | JEDEC <i>JESD22-A103</i>                   | <b>1x50</b>  | <b>Passed</b> |
| Solder Heat Resistance (SHR)*  | <i>ADI-0049</i>                            | <b>3x11</b>  | <b>Passed</b> |
| Latch-Up   | JEDEC <i>JESD78</i>                        | <b>1x6</b>   | <b>Passed</b> |
| Electrostatic Discharge<br><i>Human Body Model</i>                   | ANSI/ANSI/ESDA/JEDEC<br><i>JS-001-2010</i> | <b>1x24</b>  | <b>Passed</b> |
| Electrostatic Discharge<br><i>Field-Induced Charged Device Model</i> | JESD22-C101                                | <b>1x15</b>  | <b>Passed</b> |

\*Preconditioned per JEDEC/IPC J-STD-020