

## Qualification Results Summary for ADE7912/ADE7913 Die Revision

| QUALIFICATION PLAN / STATUS                                             |                            |             |                       |
|-------------------------------------------------------------------------|----------------------------|-------------|-----------------------|
| TEST                                                                    | SPECIFICATION              | SAMPLE SIZE | RESULTS               |
| High Temperature Operating Life (HTOL)* <sup>2</sup>                    | JEDEC <i>JESD22-A108</i>   | 9 x 77      | Pass                  |
| Highly Accelerated Stress Test (HAST)* <sup>1</sup>                     | JEDEC <i>JESD22-A110</i>   | 9 x 77      | Pass                  |
| Temperature Cycle (TC)* <sup>1</sup>                                    | JEDEC <i>JESD22-A104</i>   | 9 x 77      | Pass                  |
| Unbiased HAST* <sup>1</sup>                                             | JEDEC <i>JESD22-A118</i>   | 9 x 77      | Pass                  |
| High Temperature Storage Life (HTSL) <sup>1</sup>                       | JEDEC <i>JESD22-A103</i>   | 9 x 77      | Pass                  |
| Solder Heat Resistance (SHR)* <sup>1</sup>                              | JEDEC/IPC <i>J-STD-020</i> | 1 x 30      | Pass                  |
| Latch-Up <sup>1</sup>                                                   | JEDEC <i>JESD78</i>        | 1 x 18      | Pass ±200mA @ +5.445V |
| Electrostatic Discharge Human Body Model <sup>1</sup>                   | ESDA/JEDEC <i>JS-001</i>   | 3/voltage   | Pass ±1000V           |
| Electrostatic Discharge Field-Induced Charged Device Model <sup>1</sup> | JEDEC <i>JS-002</i>        | 3/voltage   | Pass ±1250V           |

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

<sup>1</sup> Electrical test was performed at Room