**PCN 18\_0212**

 **Qualification Results Summary of ADA4571**

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| QUALIFICATION RESULTS |
| **Test** | **Specification** | **Sample Size** | **Results** |
| Early Life Failure Rate (ELFR) | AEC-Q100-008 | **3x800** | **Pass** |
| High Temperature Operating Life (HTOL)\* | JEDEC*JESD22-A108* | **4x77** | **Pass** |
| Low Temperature Operating Life (LTOL)\* | JEDEC*JESD22-A108* | **3x77** | **Pass** |
| Highly Accelerated Stress Test (HAST)\* | JEDEC*JESD22-A110* | **3x77** | **Pass** |
| Temperature Cycle(TC)\* | JEDEC*JESD22-A104* | **3x77** | **Pass** |
| Unbiased HAST (UHST)\* | JEDEC*JESD22-A118* | **3x77** | **Pass** |
| Solder Heat Resistance(SHR)\* | JEDEC/IPC *J-STD-020* | **3x11** | **Pass** |
| High Temperature Storage Life(HTSL) | JEDEC *JESD22-A103* | **3x77** | **Pass** |
| Latch-Up | JEDEC *JESD78* | **1x15** | **Pass** |
| Electrostatic Discharge*Human Body Model* | ESDA/JEDEC *JS-001* | **3/voltage** | **Pass \_4000V** |
| Electrostatic Discharge*Field-Induced Charged Device Model* | JEDEC *JESD22-C101* | **3/voltage** | **Pass 1250V** |
| Electrostatic Discharge*Machine Model* | JEDEC *JESD22-A115* | **3/voltage** | **Pass 300V** |

\* These samples were subjected to preconditioning (per J-STD-020 Level 1) prior to the start of the stress test. Level 3 preconditioning consists of the following: 1. Bake – 24 hours at 125ºC; 2. Soak – unbiased soak for 168 hours at 85ºC, 85%RH; 3. Reflow – three passes through a reflow oven with a peak temperature of 260ºC. TC samples were subjected to wire-pull test after 2000 cycles with results within specification limits.