

Qualification test results for ADE7753 ADE7763Qual#9999

| QUALIFICATION PLAN / STATUS | | | | |
|--|-----------------------------------|---|--------------------------------------|--|
| TEST | SPECIFICATION | GENERIC | SAMPLE SIZE | RESULTS |
| High Temperature Operating Life (HTOL)* | JEDEC <i>JESD22-A108</i> | ADE7751 AD8617 AD7417 AD8602 | 2*45 2*45 2*45 2*45 | Pass |
| Highly Accelerated Stress Test (HAST)* | JEDEC <i>JESD22-A110</i> | ADE7755A ADE7751 AD5453 AD5398 AD5300 | 3*45 2*45 1*77 1*45 1*75 | Pass |
| Temperature Cycle (TC)* | JEDEC <i>JESD22-A104</i> | AD1895 ADA4851-4W ADM207E ADE7755 AD1895A | 3*77 4*77 2*45 1*45 1*45 | Pass |
| Highly Accelerated stress test(HAST)* | JEDEC <i>JESD22-A101</i> | AD1895 ADA4851-4W ADM207E ADE7755 AD1895A | 3*77 1*77 2*45 1*45 1*45 | Pass |
| Autoclave (AC)* | JEDEC <i>JESD22-A102</i> | AD1895 ADA4851-4W ADM207E ADE7755 | 3*77 4*77 2*45 1*45 | Pass |
| High Temperature Storage Life (HTSL) | JEDEC <i>JESD22-A103</i> | ADE7755A ADR3440 AD5324 | 3*45 2*77 2*77 | Pass |
| Solder Heat Resistance (SHR)* | <i>ADI-0049</i> | ADE7753 | 1*30 | In-process Expected completion (Sept 2012) |
| Latch-Up | JEDEC <i>JESD78</i> | ADE7753 | 6 | Pass |
| Electrostatic Discharge <i>Human Body Model</i> | ESDA/JEDEC <i>JDS-001-2011</i> | ADE7753 | 3/voltage | Pass 2000V |
| Electrostatic Discharge <i>Field-Induced Charged Device Model</i> | JEDEC <i>JESD22-C101</i> | ADE7753 | 3/voltage | Pass 1250V |
| Electrostatic Discharge <i>Machine Model</i> | JEDEC <i>JESD22-A115</i> | ADE7753 | 3/voltage | Pass 200V |
| Latch-Up | JEDEC <i>JESD78</i> | ADE7763 | 6 | In-process Expected |

| | | | | |
|--|-----------------------------------|---------|------------------|---|
| | | | | completion (Oct 2012) |
| Electrostatic Discharge <i>Human Body Model</i> | ESDA/JEDEC <i>JDS-001-2011</i> | ADE7763 | 3/voltage | In-process Expected completion (Oct 2012) |
| Electrostatic Discharge <i>Field-Induced Charged</i> <i>Device Model</i> | JEDEC <i>JESD22-C101</i> | ADE7763 | 3/voltage | In-process Expected completion (Oct 2012) |
| Electrostatic Discharge <i>Machine Model</i> | JEDEC <i>JESD22-A115</i> | ADE7763 | 3/voltage | In-process Expected completion (Oct 2012) |

*Preconditioned per JEDEC/IPC J-STD-020