

| QUALIFICATION OF THE IPD 1M PROCESS                     |   |         |
|---|---|---------|
| TEST  | CONDITIONS  | RESULTS |
| Early Life Failure (ELF) <sup>+ #</sup>                 | AEC-Q100-008  | Passed  |
| High Temperature Operating Life (HTOL) <sup>* ^ #</sup> | JESD22-A108,<br>125°C < Tj < 135°C, Biased, 1,000 Hours | Passed  |
| Biased HAST <sup>* + #</sup>                            | JESD22-A110,<br>130°C, 85% RH, 96hrs                    | Passed  |
| High Temperature Storage Life <sup>+ #</sup>            | JESD22-A103,<br>150°C, 1000hrs                          | Passed  |
| Temperature Cycle Testing (TCT) <sup>* # +</sup>        | JESD22-A104,<br>-65/+150C, 500cycles                    | Passed  |
| Autoclave <sup>* + #</sup>                              | JESD22-A102<br>121C, 100%RH, 96 hours                   | Passed  |
| Solder Heat Resistance (SHR) <sup>* + #</sup>           | ADI-0049<br>MSL level1                                  | Passed  |

\* Lots preconditioned to MSL1 conditions

+ Electrically tested before and after stress at dual temp

^ Electrically tested before and after stress at Tri Temp

# High voltage isolation testing performed at pre and post qual stress test.

1M Generic Listing

|          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| ADUM1100 | ADUM1200 | ADUM1201 | ADUM1210 | ADUM1223 | ADUM1233 | ADUM1234 |          |
| ADUM1250 | ADUM1251 | ADUM1300 | ADUM1301 | ADUM1310 | ADUM1311 |          |          |
| ADUM1400 | ADUM1401 | ADUM1402 | ADUM1410 | ADUM1411 | ADUM1412 | ADUM1420 | ADUM1510 |
| ADUM2200 | ADUM2201 | ADUM2210 | ADUM2211 | ADUM2250 | ADUM2251 |          |          |
| ADUM2400 | ADUM2401 | ADUM2402 | ADUM3100 | ADUM3160 | ADUM3200 | ADUM3201 |          |
| ADUM3210 | ADUM3211 | ADUM3220 | ADUM3221 | ADUM3300 | ADUM3301 |          |          |
| ADUM3400 | ADUM3401 | ADUM3402 | ADUM3440 | ADUM3441 | ADUM3442 |          |          |
| ADUM3470 | ADUM3471 | ADUM3472 | ADUM3473 | ADUM3474 |          |          |          |
| ADUM4160 | ADUM4400 | ADUM4401 | ADUM4402 |          |          |          |          |
| ADM3052  | ADM3054  | ADM2481  | ADM2483  | ADM2485  | ADM2486  |          |          |
| ADM2482E | ADM2484E | ADM2487E | ADM2490E | ADM2491E |          |          |          |
| AD7400   | AD7401   | AD7400A  | AD7401A  |          |          |          |          |

| QUALIFICATION OF THE IPD 2M PROCESS                  |   |         |
|--|---|---------|
| TEST   | CONDITIONS  | RESULTS |
| High Temperature Operating Life (HTOL) <sup>*#</sup> | JESD22-A108,<br>125°C<Tj<135°C, Biased, 1,000 Hours | May-12  |
| Biased HAST <sup>*#</sup>                            | JESD22-A110,<br>130°C, 85% RH, 96hrs                | May-12  |
| High Temperature Storage Life <sup>#</sup>           | JESD22-A103,<br>150°C, 1000hrs                      | May-12  |
| Temperature Cycle Testing (TCT) <sup>*#</sup>        | JESD22-A104,<br>-65/+150C, 500 cycles               | May-12  |
| Autoclave <sup>*#</sup>                              | JESD22-A102<br>121C, 100%RH, 96 hours               | May-12  |
| Solder Heat Resistance (SHR) <sup>*#</sup>           | ADI-0049<br>MSL level1                              | May-12  |

\* Lots preconditioned to MSL1 conditions

#High voltage isolation testing performed at pre and post qual stress test.

**2M Generic Listing**

ADUM5240    ADUM5241    ADUM5242    ADM3251E

| QUALIFICATION OF THE IPD 3M PROCESS                   |   |         |
|---|---|---------|
| TEST  | CONDITIONS  | RESULTS |
| Early Life Failure (ELF) <sup>+#</sup>                | AEC-Q100-008  | Jun-12  |
| High Temperature Operating Life (HTOL) <sup>*^#</sup> | JESD22-A108,<br>125°C<Tj<135°C, Biased, 1,000 Hours | Jun -12 |
| Biased HAST <sup>*+#</sup>                            | JESD22-A110,<br>130°C, 85% RH, 96hrs                | Jun -12 |
| High Temperature Storage Life <sup>+#</sup>           | JESD22-A103,<br>150°C, 1000hrs                      | Jun -12 |
| Temperature Cycle Testing (TCT) <sup>*##+</sup>       | JESD22-A104,<br>-65/+150C, 500cycles                | Jun -12 |
| Autoclave <sup>*+#</sup>                              | JESD22-A102<br>121C, 100%RH, 96 hours               | Jun -12 |
| Solder Heat Resistance (SHR) <sup>*+#</sup>           | ADI-0049<br>MSL level1                              | Jun -12 |

\* Lots preconditioned to MSL1 conditions

+Electrically tested before and after stress at dual temp

^Electrically tested before and after stress at Tri Temp

#High voltage isolation testing performed at pre and post qual stress test.

**3M Generic Listing**

ADUM5000    ADUM5200    ADUM5201    ADUM5202    ADUM5230    ADUM5400    ADUM5401    ADUM5402  
 ADUM5403    ADUM5404    ADUM6132    ADUM6400    ADUM6401    ADUM6402    ADUM6403    ADUM6404  
 ADM2582E    ADM2587E    ADM3053

| QUALIFICATION OF THE IPD THICK 3M PROCESS |   |         |
|---|---|---------|
| TEST                                      | CONDITIONS  | RESULTS |
| High Temperature Operating Life (HTOL)**  | JESD22-A108,<br>125°C<Tj<135°C, Biased, 1,000 Hours | Jul -12 |
| Early Life Failure (ELF)#                 | MIL-STD-883, Method 1015                            | Jul -12 |
| Biased HAST **                            | JESD22-A110,<br>130°C, 85% RH, 96hrs                | Jul -12 |
| High Temperature Storage Life#            | JESD22-A103,<br>150°C, 1000hrs                      | Jul -12 |
| Temperature Cycle Testing (TCT)**         | JESD22-A104,<br>-65/+150C, 500 cycles               | Jul -12 |
| Autoclave**                               | JESD22-A102<br>121C, 100%RH, 96 hours               | Jul -12 |
| Solder Heat Resistance (SHR)**            | ADI-0049<br>MSL level3                              | Jul -12 |

\* Lots preconditioned to MSL3 conditions

#High voltage isolation testing performed at pre and post qual stress test.

**3MT Generic Listing**

|          |          |          |          |
|----------|----------|----------|----------|
| ADuM6000 | ADUM6200 | ADuM6201 | ADuM6202 |
| ADM2682E | ADM2687E |          |          |