

**ADuM125xW Die Rev C – Automotive Grade 1 Qualification**

<b>QUALIFICATION RESULTS</b>			
<b>TEST</b>	<b>CONDITIONS</b>	<b>SAMPLE SIZE</b>	<b>RESULTS</b>
High Temperature Operating Life (HTOL)*	<b>JEDEC</b> <i>JESD22-A108</i>	<b>3x77</b> <b>6x45</b>	<b>Pass</b>
Highly Accelerated Stress Test (HAST)*	<b>JEDEC</b> <i>JESD22-A110</i>	<b>3x77</b> <b>9x45</b>	<b>Pass</b>
Temperature Cycle (TC)*	<b>JEDEC</b> <i>JESD22-A104</i>	<b>6x77</b> <b>4x45</b>	<b>Pass</b>
Autoclave (AC)*	<b>JEDEC</b> <i>JESD22-A102</i>	<b>4x77</b> <b>4x45</b>	<b>Pass</b>
High Temperature Storage Life (HTSL)	<b>JEDEC</b> <i>JESD22-A103</i>	<b>3x45</b> <b>2x77</b>	<b>Pass</b>
Latch-Up	<b>JEDEC Standard 78</b>	<b>6</b>	<b>Pass</b>
Electrostatic Discharge <i>Human Body Model</i>	<b>ESD Association</b> <i>JEDEC JS-001-2011</i>	<b>3/voltage</b>	<b>Pass</b> <b>+/- 4000V</b>
Electrostatic Discharge <i>Machine Model</i>	<b>ESD Association</b> <i>JESD22-A115</i>	<b>3/voltage</b>	<b>Pass</b> <b>+/- 200V</b>
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	<b>ESD Association</b> <i>JESD22-C101</i>	<b>3/voltage</b>	<b>Pass</b> <b>+/- 1250V<sup>1</sup></b>

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

1-All pins were zapped