

**Qualification Results Summary for  
ADuM7640/ADuM7641/ADuM7642/ADuM7643 Polyimide  
Overcoat Addition and Assembly Site Transfer**

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>	8 x 77 1 x 45	Pass
Temperature Cycle (TC)* <sup>1</sup>	JEDEC <i>JESD22-A104</i>	8 x 77	Pass
Unbiased HAST* <sup>1</sup>	JEDEC <i>JESD22-A118</i>	7 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	Passed ±200mA @+8.25V
Electrostatic Discharge <i>Human Body Model</i> <sup>1</sup>	ESDA/JEDEC <i>JS-001</i>	3/voltage	Passed ±3500V
Electrostatic Discharge <i>Field-Induced Charged Device Model</i> <sup>1</sup>	JEDEC <i>JESD22-C101</i>	3/voltage	Passed ±1000V

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

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