

Qual Plan for ADAU1452W Die Revision D Automotive Grade 2 Qualification

QUALIFICATION RESULTS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	7 x 32 2 x 77	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	6 x 32	Pass
Temperature/Humidity/Bias (THB)*	JEDEC <i>JESD22-A101</i>	3 x 45	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	7 x 77	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	7 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	6 x 32 3 x 45	Pass
SHR (Solder Heat Resistance)*	JEDEC/IPC <i>J-STD-020</i>	1 x 30	Expected Completion 03/2014
Latch-Up	JEDEC <i>JESD78</i>	1 x 12	Expected Completion 03/2014
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC <i>JS-001-2011</i>	1 x 18	Expected Completion 03/2014
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	<i>JESD22-C101</i>	1 x 18	Expected Completion 03/2014
Electrostatic Discharge Machine <i>Model</i>	<i>JESD22-A115</i>	1 x 6	Expected Completion 03/2014

*Preconditioned per JEDEC/IPC J-STD-020