

ADE78xx Die Rev r2p8 – Qual Plan #10681

QUALIFICATION PLAN / STATUS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
Early Life Failure (ELF)	AEC-Q100-008	1x400 1x626 1x1350	Pass
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	9x77	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	5x77 3x35	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3x77 6x45	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	3x77 6x45	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	10x45	Pass
SHR (Solder Heat Resistance)*	ADI-0049	1x30	Expected Completion: August 2013
Latch-Up	JEDEC Standard 78	1x6	
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC JS-001-2011	1x24	
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	JESD22-C101	1x18	
Electrostatic Discharge <i>Machine Model</i>	JESD22-A115	1x18	

*Preconditioned per JEDEC/IPC J-STD-020