

QUALIFICATION PLAN# 10185

TEST	SPECIFICATION	SAMPLE SIZE	EXPECTED COMPLETION DATE
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	1*77 3*77 5*45	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	1*77 4*45 1*45 3*77	Pass
Autoclave	JEDEC <i>JESD22-A102</i>	3*77 2*77 2*45 1*77 1*45	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	3*77 3*77 1*77 2*45	Pass
Early Life Failure (ELF)	MIL-STD-883 <i>Method 1015</i>	2*667 3*667	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	1*45 2*45 1*32 3*45 1*77	Pass
Solder Heat Resistance (SHR)*	<i>ADI-0049</i>	1*30	Pass
Latch-Up	JEDEC <i>JESD78</i>	6	Pass 200mA
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC <i>JDS-001-2011</i>	3/voltage	Pass 3000V
Electrostatic Discharge <i>Field-Induced Charged Device</i>	JEDEC <i>JESD22-C101</i>	3/voltage	Pass 1250V

<i>Model</i>			
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\*Preconditioned per JEDEC/IPC J-STD-020