

# Qual Plan for TMP37 at ADI-Wilmington

QUALIFICATION RESULTS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC <i>JESD22-A108</i>	4 x 77 5 x 77	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC <i>JESD22-A110</i>	9 x 77	Pass
Temperature Cycle (TC)*	JEDEC <i>JESD22-A104</i>	5 x 45 4 x 77	Pass
Autoclave (AC)*	JEDEC <i>JESD22-A102</i>	1 x 77 8 x 45	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	9 x 77	Pass
SHR (Solder Heat Resistance)*	JEDEC/IPC <i>J-STD-020</i>	1 x 30 <sup>1</sup>	Expected Completion 04/2014
		1 x 30 <sup>2</sup>	Expected Completion 04/2014
Electrostatic Discharge <i>Human Body Model</i>	ESDA/JEDEC <i>JDS-001-2011</i>	1 x 18	Expected Completion 04/2014
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	JESD22-C101	1 x 18 <sup>1</sup>	Expected Completion 04/2014
		1 x 18 <sup>2</sup>	Expected Completion 04/2014
Electrostatic Discharge Machine Model	JESD22-A115	1 x 6	Expected Completion 04/2014

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

<sup>1</sup> Test will be conducted on TMP37 in 3L TO92

<sup>2</sup> Test will be conducted on TMP37 in 5L SOT\_23