

ADuM640x Thick 3M – Qualification Plan

QUALIFICATION PLAN / STATUS			
TEST	CONDITIONS	SAMPLE SIZE	RESULTS
High Temperature Operating Life (HTOL)*	JEDEC JESD22-A108	77 / 9 Lots**	Pass
Highly Accelerated Stress Test (HAST)*	JEDEC JESD22-A110	77 / 9 Lots**	Pass
Temperature Cycle (TC)*	JEDEC JESD22-A104	77 / 9 Lots**	Pass
Autoclave (AC)*	JEDEC JESD22-A102	77 / 9 Lots**	Pass
High Temperature Storage Life (HTSL)	JEDEC JESD22-A103	77 / 9 Lots**	Pass
SHR (Solder Heat Resistance)*	ADI-0049	11 / 3 Lots**	Pass
Latch-Up	JEDEC Standard 78	9 / Lot	Expected completion Jan/2012
Electrostatic Discharge <i>Human Body Model</i>	ESD Association JS-001-2011	15 / Lot	Expected completion Jan/2012
Electrostatic Discharge <i>Machine Model</i>	ESD Association JESD22-A115	6 / Lot	Expected completion Jan/2012
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	ESD Association JESD22-C101	18 / Lot	Expected completion Jan/2012

*Preconditioned per JEDEC/IPC J-STD-020

** Substitution Data