

ADLK 0.6um 6 inch to 8 inch transfer

QUALIFICATION RESULTS			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Autoclave (AC) ¹	JEDEC <i>JESD22-A102</i>	2*77	Pass
Highly Accelerated Stress Test (HAST) ¹	JEDEC <i>JESD22-A110</i>	6*77	Pass
Temperature Cycle (TC) ¹	JEDEC <i>JESD22-A104</i>	2*77 3*45	Pass
Solder Heat Resistance (SHR) ¹	ADI-0049	1*30	Pass
Solder Heat Resistance (SHR) ²	ADI-0049	9*11	Pass
High Temperature Storage Life (HTSL)	JEDEC <i>JESD22-A103</i>	2*77 3*45	Pass
High Temperature Operating Life (HTOL) ¹	JEDEC <i>JESD22-A108</i>	2*45 7*77	Pass
Early Life Failure (ELF)	MIL-STD-883, Method 1015	1*667	Pass

¹ These samples were subjected to preconditioning (per J-STD-020 Level 1) prior to the start of the stress test. Level 1 preconditioning consists of the following: 1. Bake – 24 hours at 125°C; 2. Soak – unbiased soak for 168 hours at 85°C, 85%RH; 3. Reflow – three passes through a reflow oven with a peak temperature of 260°C.

² These samples were subjected to preconditioning (per J-STD-020 Level 3) prior to the start of the stress test. Level 3 preconditioning consists of the following: 1. Bake – 24 hours at 125°C; 2. Soak – unbiased soak for 192 hours at 30°C, 60%RH; 3. Reflow – three passes through a reflow oven with a peak temperature of 260°C.