

Qualification Results Summary of AD8226 Die Revision

QUALIFICATION RESULTS			
TEST	SPECIFICATION	SAMPLE SIZE	RESULTS
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	JEDEC <i>JS-002</i>	3/voltage	Pass 1500V
Electrostatic Discharge <i>Human Body Model</i>	JEDEC <i>JS-001-2010</i>	3/voltage	Pass 1000V
Latch-up	JEDEC <i>JESD78</i>	1 x 15	Pass
Solder Heat Resistance (SHR)*	JEDEC/IPC <i>J-STD-020</i>	1 x 30	Pass

*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.