

Reliability Test Program

Reference	Test item	Abbr.	Sample	Test time	Result
JESD22-A108	High Temperature Reverse Bias	HTRB	3 x 77ea	3 x 1,000hrs	PASS
JESD22-A108	High Temperature Gate Bias (+/-)	HTGB (+/-)	3 x 77ea 3 x 77ea	3 x 1,000hrs 3 x 1,000hrs	PASS
JESD22-A108	Early Life Failure Rate	ELFR	800ea	48hrs	PASS
JESD22-A110	Highly Accelerated Stress Test	HAST	3 x 77ea	3 x 96hrs	PASS
JESD22-A104	Temperature Cycling	TC	3 x 77ea	3 x 1,000cycles	PASS
JESD22-A102	Autoclave	AC	3 x 77ea	3 x 96hrs	PASS
JESD22-A103	High Temperature Storage Life	HTS	3 x 77ea	3 x 1,000hrs	PASS
JESD22-A113	Moisture Reflow Sensitivity	MSL3	77ea	3 x reflow	PASS
JESD22-A122	Intermittent Operating Life	IOL	77ea	15,000cycles	PASS
J-STD-002D	Solderability	SD	10ea	N/A	PASS
JS-001-2017	Human body Mode ESD	HBM	18ea	Class 2	PASS
JESD-JEP180	Switching HTOL	HTOL	60ea	1,000hrs	PASS
	13 items		2659ea		ALL PASS