

LTM8033 G311E Qualification Results Summary

Test Name	Specification	Conditions	Sample Size (lot x samples)	Result
Temperature Cycling (TC) *	JESD22-A104	-55°C/+125°C, 1,000 Cycles	1 x 77	Pass
Thermal Shock (TS) *	JESD22-A106	-55°C/+125°C, 1,000 Cycles	1 x 77	Pass
Unbiased HAST (UHST) *	JESD22-A118	110C 85%RH 17.7 psia, P264	1 x 77	Pass
High Temperature Operating Life (HTOL)	JESD22-A108	125°C<Tj<135°C, Biased, 1,000 Hours	1 x 77	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: Bake: 24 hrs @ 125°C, Unbiased Soak: 192 hrs @ 30°C, 60%RH, Reflow: 3 passes through an oven with a peak temperature of 245°C.