

LTM4623 G311E Qualification Results Summary

LTM4623				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Thermal Shock (TS)*	JEDEC JESD22-A106	500cyc, -55C/+125C	1 x 200	Pass
* Tests are preceded by MSL 3 Preconditioning: 48h 125C bake, 192h 30C/60% unbiased soak, and 3 reflow passes at 260C peak.				

LTM4630A				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -55C/+150C	1 x 77	Pass
Thermal Shock (TS)*	JEDEC JESD22-A106	1000cyc, -65C/+150C	1 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	96h, 130C/85%RH	1 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC JESD22-A103	2000h, 150C	1 x 45	Pass
* Tests are preceded by MSL 3 Preconditioning: 48h 125C bake, 192h 30C/60% unbiased soak, and 3 reflow passes at 245C peak.				

LTM4632				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -55C/+125C	1 x 77	Pass
Thermal Shock (TS)*	JEDEC JESD22-A106	1000cyc, -55C/+125C	1 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	96h, 130C/85%RH	1 x 77	Pass
* Tests are preceded by MSL 4 Preconditioning: 48h 125C bake, 96h 30C/60% unbiased soak, and 3 reflow passes at 260C peak.				

LTM4644				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -55C/+125C	1 x 77	Pass
Thermal Shock (TS)*	JEDEC JESD22-A106	1000cyc, -55C/+125C	1 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	96h, 130C/85%RH	1 x 77	Pass
* Tests are preceded by MSL 3 Preconditioning: 48h 125C bake, 192h 30C/60% unbiased soak, and 3 reflow passes at 245C peak.				

LTM4637				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -65C/+150C	1 x 77	Pass
Thermal Shock (TS)*	JEDEC JESD22-A106	1000cyc, -65C/+150C	1 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	96h, 130C/85%RH	1 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC JESD22-A103	2000h, 150C	1 x 45	Pass
* Tests are preceded by MSL 4 Preconditioning: 48h 125C bake, 96h 30C/60% unbiased soak, and 3 reflow passes at 245C peak.				

LTM4675				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -65C/+150C	1 x 77	Pass
Thermal Shock (TS)*	JEDEC JESD22-A106	1000cyc, -65C/+150C	1 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	96h, 130C/85%RH	1 x 77	Pass
High Temperature Storage Life (HTSL)	JEDEC JESD22-A103	2000h, 150C	1 x 45	Pass
* Tests are preceded by MSL 4 Preconditioning: 48h 125C bake, 96h 30C/60% unbiased soak, and 3 reflow passes at 260C peak.				

LTM4676				
Test	Specification	Conditions	Sample Size (lots x samples)	Results
Temperature Cycle (TC)*	JEDEC JESD22-A104	1000cyc, -65C/+150C	1 x 77	Pass
Thermal Shock (TS)*	JEDEC JESD22-A106	1000cyc, -65C/+150C	1 x 77	Pass
Unbiased Highly Accelerated Stress Test (UHAST)*	JEDEC JESD22-A118	96h, 130C/85%RH	1 x 77	Pass
* Tests are preceded by MSL 4 Preconditioning: 48h 125C bake, 96h 30C/60% unbiased soak, and 3 reflow passes at 260C peak.				