

# 0.6um BICMOS Vanguard Qualification Summary

TABLE 1A: LTC4270 QUALIFICATION RESULTS

TEST	SPECIFICATION	SAMPLE SIZE (LOTS X SAMPLE)	RESULTS
High Temperature Operating Life (HTOL)	<b>JEDEC</b> <i>JESD22-A108</i>	3 x 77	Pass
Highly Accelerated Stress Test (HAST)**	<b>JEDEC</b> <i>JESD22-A110</i>	3 x 77	Pass
Temperature Cycle (TC)**	<b>JEDEC</b> <i>JESD22-A104</i>	3 x 77	Pass
Autoclave (AC)**	<b>JEDEC</b> <i>JESD22-A102</i>	3 x 77	Pass
High Temperature Storage Life (HTSL)	<b>JEDEC</b> <i>JESD22-A103</i>	3 x 45	Pass
Early Life Failure Rate (ELFR)	MIL-STD-883, M1015	3 x 800	Pass

TABLE 1B: LTC3850 QUALIFICATION RESULTS

TEST	SPECIFICATION	SAMPLE SIZE (LOTS X SAMPLE)	RESULTS
High Temperature Operating Life (HTOL)	<b>JEDEC</b> <i>JESD22-A108</i>	3 x 77	Pass
Highly Accelerated Stress Test (HAST)**	<b>JEDEC</b> <i>JESD22-A110</i>	3 x 77	Pass
Temperature Cycle (TC)**	<b>JEDEC</b> <i>JESD22-A104</i>	3 x 77	Pass
Autoclave (AC)**	<b>JEDEC</b> <i>JESD22-A102</i>	3 x 77	Pass
High Temperature Storage Life (HTSL)	<b>JEDEC</b> <i>JESD22-A103</i>	3 x 45	Pass
Early Life Failure Rate (ELFR)	MIL-STD-883, M1015	3 x 800	Pass

TABLE 1C: LTC3112 QUALIFICATION RESULTS

TEST	SPECIFICATION	SAMPLE SIZE (LOTS X SAMPLE)	RESULTS
High Temperature Operating Life (HTOL)	<b>JEDEC</b> <i>JESD22-A108</i>	3 x 77	Pass
Highly Accelerated Stress Test (HAST)*	<b>JEDEC</b> <i>JESD22-A110</i>	3 x 77	Pass
Temperature Cycle (TC)*	<b>JEDEC</b> <i>JESD22-A104</i>	3 x 77	Pass
Autoclave (AC)*	<b>JEDEC</b> <i>JESD22-A102</i>	3 x 77	Pass
High Temperature Storage Life (HTSL)	<b>JEDEC</b> <i>JESD22-A103</i>	3 x 45	Pass
Early Life Failure Rate (ELFR)	MIL-STD-883, M1015	3 x 800	Pass