

**RELIABILITY DATA
LTM4620 ASE Korea**

6/18/2019

• J-STD-020 MSL 3 PRECONDITIONING: 192h +30°C/60%R.H. SOAK, 3x REFLOW AT +245°C PEAK

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE		NUMBER OF FAILURES
LTM4620	1,199 1,199	1827	1852		0 0

• EXTENDED PRECONDITIONING: 216h +30°C/60%R.H. SOAK, 3x REFLOW AT +245°C PEAK

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE		NUMBER OF FAILURES
LTM4620	200 200	1827	1852		0 0

• HIGH TEMPERATURE STORAGE +150°C

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT	NUMBER OF FAILURES
LTM4620	179 179	1827	1852	168.50 168.50	0 0

• TEMP CYCLE FROM -55°C to +125°C ⁽¹⁾

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4620	384 384	1827	1852	384.00 384.00	0 0

• THERMAL SHOCK FROM -55°C to +125°C ⁽¹⁾

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4620	334 334	1827	1852	668.00 668.00	0 0

• UNBIASED HIGHLY ACCELERATED STRESS TEST +130°C/85% R.H. ⁽¹⁾

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT +130°C	NUMBER OF FAILURES
LTM4620	396 396	1827	1852	38.02 38.02	0 0

(1) Environmental stress are preceded by J-STD-020 Level 3 Preconditioning