

**RELIABILITY DATA  
LTM4644 at ASE Korea**

**8/15/2019**

**• 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
LTM4644	400 400	1843	1843		0 0

**• HIGH TEMPERATURE STORAGE +150°C**

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT	NUMBER OF FAILURES
LTM4644	50 50	1843	1843	75.00 75.00	0 0

**• TEMP CYCLE FROM -55°C to +125°C <sup>(1)</sup>**

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4644	100 100	1843	1843	100.00 100.00	0 0

**• THERMAL SHOCK FROM -55°C to +125°C <sup>(1)</sup>**

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4644	100 100	1843	1843	100.00 100.00	0 0

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

DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT +130°C	NUMBER OF FAILURES
LTM4644	100 100	1843	1843	19.20 19.20	0 0

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