

**RELIABILITY DATA**  
**PMU9053 in LTM4649, LTM4648**

**9/9/2019**

<b>• J-STD-020 MSL 3 PRECONDITIONING: 192h +30°C/60%R.H. SOAK, 3x REFLOW AT +245°C PEAK</b>					
DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE		NUMBER OF FAILURES
LTM4649	261 261	1912	1912		0 0
<b>• EXTENDED PRECONDITIONING: 216h +30°C/60%R.H. SOAK, 3x REFLOW AT +245°C PEAK</b>					
DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE		NUMBER OF FAILURES
LTM4649	50 50	1912	1813		0 0
<b>• HIGH TEMPERATURE STORAGE +150°C</b>					
DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT	NUMBER OF FAILURES
LTM4649	77 77	1912	1912	77.00 77.00	0 0
<b>• TEMP CYCLE FROM -55°C to +125°C <sup>(1)</sup></b>					
DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4649	77 77	1912	1912	38.50 38.50	0 0
<b>• THERMAL SHOCK FROM -55°C to +125°C <sup>(1)</sup></b>					
DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
LTM4649	77 77	1912	1912	38.50 38.50	0 0
<b>• UNBIASED HIGHLY ACCELERATED STRESS TEST +130°C/85% R.H. <sup>(1)</sup></b>					
DEVICE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS AT +130°C	NUMBER OF FAILURES
LTM4649	77 77	1912	1912	7.38 7.38	0 0

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