

RELIABILITY REPORT



**RELIABILITY DATA
LTC1473 / LTC1479**

8/21/2006

• OPERATING LIFE TEST

PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS ⁽¹⁾ AT +125°C	NUMBER OF ⁽²⁾ FAILURES
SOIC/SOT/MSOP	50	9701	9701	34.02	0
	50			34.02	0

• PRESSURE COOKER TEST AT 15 PSIG, +121°C

PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS	NUMBER OF FAILURES
PLASTIC DIP SSOP/TSSOP	50	9747	9747	17.86	0
	396	9601	0106	77.37	0
	446			95.23	0

• TEMP CYCLE FROM -65°C to +150°C

PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
SSOP/TSSOP	300	9601	0106	76.50	0
	300			76.50	0

• THERMAL SHOCK FROM -65°C to +150°C

PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE CYCLES	NUMBER OF FAILURES
PLASTIC DIP SSOP/TSSOP	50	9747	9747	6.00	0
	196	9601	0106	19.60	0
	246			25.60	0

(1) Assumes Activation Energy = 0.7 Electron Volts
 (2) Not Enough Data to Predict Failure Rate
 (3) Refer to Rel Data Pack for Generic Product Family Data
 Note: 1 FIT = 1 Failure in One Billion Hours.