



RELIABILITY DATA **LTC1404**

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	80 80	9813	9813	80.05 80.05	0 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
SOIC/SOT/MSOP	50 50	9739	9739	1.20 1.20	0 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.