

# RELIABILITY REPORT





**RELIABILITY DATA  
LTC2921 / 2922**

**8/21/2006**

**• OPERATING LIFE TEST**

PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HOURS <sup>(1)</sup> AT +125°C	NUMBER OF <sup>(2)</sup> FAILURES
SSOP/TSSOP	150	0408	0408	113.00	0
	150			113.00	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
SSOP/TSSOP	100	0517	0533	2.40	0
	100			2.40	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	100	0517	0533	10.00	0
	100			10.00	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
SSOP/TSSOP	100	0517	0533	10.00	0
	100			10.00	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.