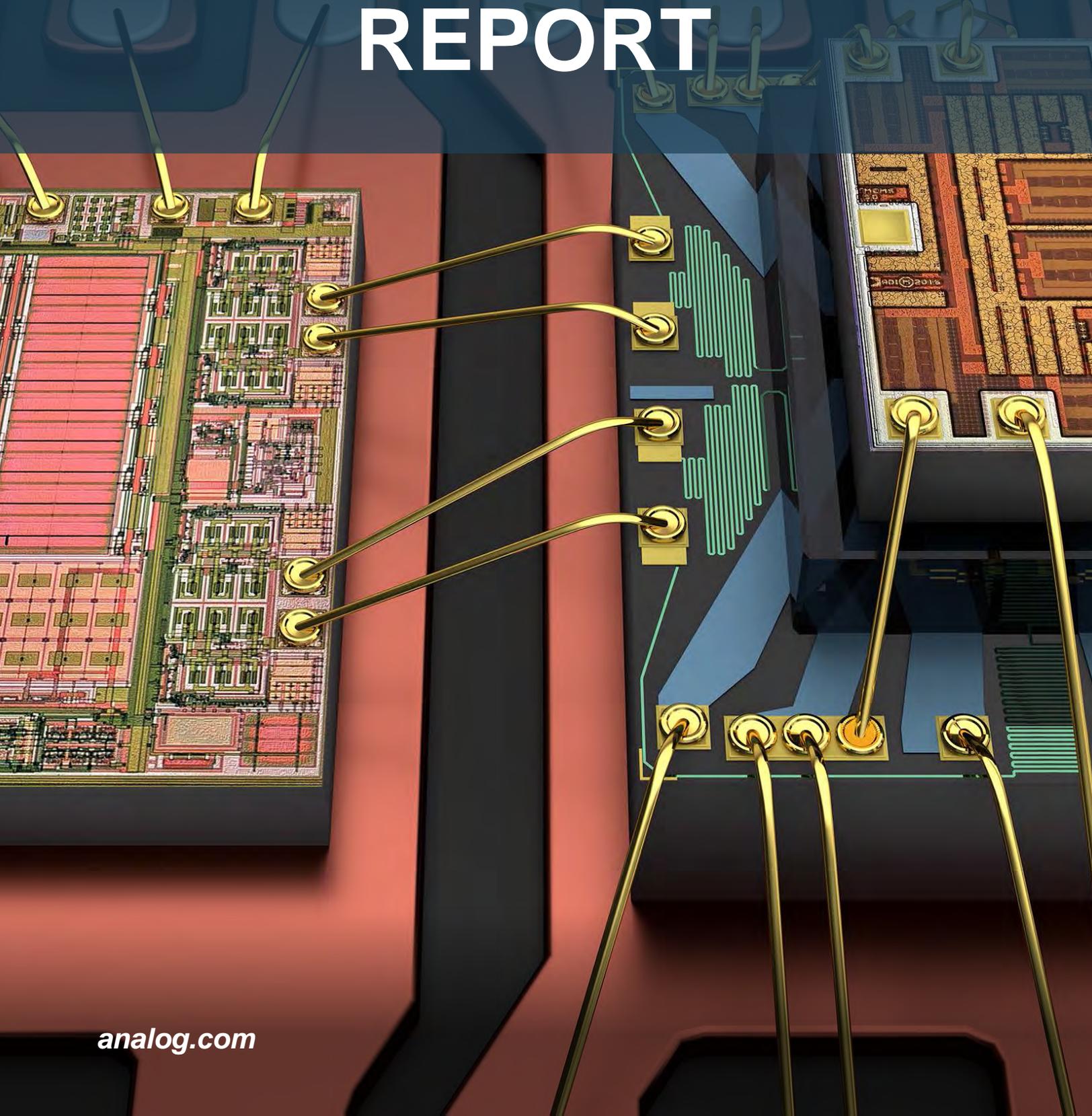


# RELIABILITY REPORT





**RELIABILITY DATA**  
**LTC1554 / 1557 / 1558 / 1559**

**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
SOIC/SOT/MSOP	233 233	9740	9823	65.06 65.06	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	9725	9725	1.20	0
SSOP/TSSOP	77 127	9747	9747	27.32 28.52	0 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	77 77	9745	9745	77.00 77.00	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.