



Reliability Data Report

Product Family R577

LTC4000 / LTC4020 / LTC4120 / LTC4121

Reliability Data Report

Report Number: R577

Report generated on: Thu Aug 06 11:16:25 PDT 2015

OPERATING LIFE TEST

PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HRS (+125°C) ¹	No. of FAILURES _{2, 3}
QFN/DFN	154	1302	1330	154	0
Totals	154	-	-	154	0

(1) Assumes Activation Energy = 0.7 Electron Volts

(2) Failure Rate Equivalent to +55 °C, 60% Confidence Level = 76.94 FITS

(3) Mean Time Between Failure in Years = 1483.65

Note: 1 FIT = 1 Failure in One Billion Hours.

Note 2: HAST, Temp Cycle & Thermal Shock are subjected to J-STD-020 MSL1 Preconditioning