



NOW PART OF



Reliability Data Report

Product Family R580

LT3744 \ LT3909 \ LT3922 \ LT3952 \
LT3964

Reliability Data Report

Report Number: R580

Report generated on: Fri Mar 29 13:37:19 PDT 2019

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	308	1405	1621	1022	0
SSOP/TSSOP	231	1408	1610	343	0
Totals	539	-	-	1,365	0

PRESSURE COOKER TEST AT 15 PSIG , +121 DEG C					
PACKAGE TYPE	SAMPLE SIZE	OLDEST DATE CODE	NEWEST DATE CODE	K DEVICE HRS	No. of FAILURES
QFN/DFN	50	1613	1613	1	0
Totals	50	-	-	1	0

(1) Assumes Activation Energy = 0.7 Electron Volts

(2) Failure Rate Equivalent to +55 °C, 60% Confidence Level =8.68 FITS

(3) Mean Time Between Failure in Years = 13150.57

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

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