

MTBF Report

Device: SHARPV-G3

Condition: T3 30C

Prediction Method: T332.3

	MTBF(Years)	MTBF(HRS)	FR(F/10^6HRS)	FIT
Predicted	18.60	163206.00	6.10	6127.21

Family	FR per System [F/10^6HRS]	Quantity per System	Contribution to System[%]
IC	2.608836	88	42.58
Crystal	0.752444	7	12.28
Transistor	0.629175	34	10.27
Connector	0.580686	32	9.48
Capacitor	0.414734	987	6.77
OptoDevice	0.299266	16	4.88
Resistor	0.29017	580	4.74
Inductive	0.26931	64	4.40
Diode	0.161558	49	2.64
Miscellaneous	0.1	7	1.63
Switch	0.017826	1	0.29
Fuse	0.0032	2	0.05
Mechanical	0	4	0.00
Total	6.127205	1871	100

File: SHARPV_G3_MTBFT3 30C_MC.xlsx

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