

AAEON Reliability Prediction Report

Part Number 14D6106412
Reference Des
Date 04. 26, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

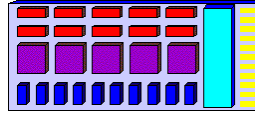


Description Top-level assembly
File Name 14D6106412.RPJ
Time 1:17 PM
Failure Rate 1.479856
MTBF 675,742

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
NEC 64MB SDRAM	14D6106412	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	1.479856	675,742

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Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1	Resistor		Bellcore Issue 6	Level I		0.002268	5.00	.7662	0.011339	440974090.03
2	Capacitor		Bellcore Issue 6	Level I		0.005466	8.00	2.9547	0.043725	182961702.19
3	Resistor		Bellcore Issue 6	Level I		0.006246	16.00	6.7531	0.099936	160102772.00
PD4564841	Integrated Circuit		Bellcore Issue 6	Level I		0.158186	8.00	85.5144	1.265490	6321661.20
U1	Integrated Circuit		Bellcore Issue 6	Level I		0.059366	1.00	4.0116	0.059366	16844654.92