

AAEON Reliability Prediction Report

Part Number TBOX-3306
Reference Des
Date 11. 29, 2001
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

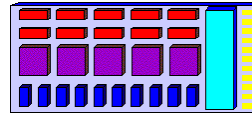


Description Top-level assembly
File Name TBOX-3306.RPJ
Time 3:48 PM
Failure Rate 61.086129
MTBF 16,370

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
TBOX-3306	TBOX-3306	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	61.086129	16,370
-MB-668	9697688080	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	12.219121	81,839
-FDD&CD-ROM (Output) Board assembly	9691666612	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.089328	11,194,653
-ASS'Y Riser Card.TBOX-3306	969B500200	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	1.140894	876,506
-ASS'Y PC to LCD Board	969B300600	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.126815	7,885,502
-ASS'Y.Power Transfer Board(PC)	969B330300	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.014793	67,598,482
-ASS'Y. Power Transfer Board(3303-Power)	969B330301	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.014793	67,598,482
-ASS'Y.Power Transfer Board(3306-Power)	969B330600	Bellcore	Method I Case 3	GF, GU - Ground Fixed,		1.00	0.010241	97,642,252
-ASS'Y. Power Transfer Board(3306-Extend)	969B330601	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.010241	97,642,252
-Retractable HDD Board Module for all	96910P3K00	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.053483	18,697,453
-FDD&CD-ROM (Input) Board assembly	96910P3K05	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.103968	9,618,300

AAEON Reliability Prediction Report

Part Number 9697688080
Reference Des
Date 11. 29, 2001
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description CPU Board
File Name TBOX-3306.RPJ
Time 3:48 PM
Failure Rate 12.219121
MTBF 81,839

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1129701080	Capacitor	CO1-12,C10,C103,C17,C356,C48--50,C52,C72,C88	Bellcore Issue 6	Level I		0.005466	22.00	.9841	0.120244	182961702.19
1141601090	Capacitor	C69	Bellcore Issue 6	Level I		0.002357	1.00	.0193	0.002357	424256814.77
1129747650	Capacitor	C5,C7,CP1-12,CP25	Bellcore Issue 6	Level I		0.005466	15.00	.6710	0.081984	182961702.19
1174533080	Capacitor	CP16-24	Bellcore Issue 6	Level I		0.001060	36.00	.3124	0.038168	943198589.05
1124427080	Capacitor	C388-391	Bellcore Issue 6	Level I		0.001060	4.00	.0347	0.004241	943198589.05
1141610050	Capacitor	C224,C361,C392,C436,C51,C76-77-CT1-5,TC4-8	Bellcore Issue 6	Level I		0.002357	18.00	.3472	0.042427	424256814.77
1124410080	Capacitor	C1-2,C181-185,C187-194,C241-26-4,C438	Bellcore Issue 6	Level I		0.001060	40.00	.3471	0.042409	943198589.05
1142610060	Capacitor	C3,C6	Bellcore Issue 6	Level I		0.001587	2.00	.0260	0.003174	630075050.70
1124501780	Capacitor	C351-354,C365-366,C378,C38,C4,-C58,C67-68	Bellcore Issue 6	Level I		0.001060	12.00	.1041	0.012723	943198589.05
1122701680	Capacitor	C102,C108-111,C114-117,C11-13,-C144,C158-165,C167-C168,C170--178,C16,C186,C21,C217-222,C226-227,C229-232,C234-235,C239,C2-82-289,C298-341,C31-37,C363,C3-67-370,C374-376,C379-387,C39-47-,C393-394,C437,C446-451,C475-4-84,C487-496,C506-513,C61-62,C71-C79-80,C87,C9	Bellcore Issue 6	Level I		0.001598	179.00	2.3403	0.285964	625953979.55
1124420080	Capacitor	C134-135,C29	Bellcore Issue 6	Level I		0.001060	3.00	.0260	0.003181	943198589.05
1124601860	Capacitor	C19-20,C75,C78	Bellcore Issue 6	Level I		0.001060	4.00	.0347	0.004241	943198589.05
1124447080	Capacitor	C100,C145-148,C205-213,C97-99	Bellcore Issue 6	Level I		0.001060	17.00	.1475	0.018024	943198589.05
1124547180	Capacitor	C25-C28	Bellcore Issue 6	Level I		0.001060	4.00	.0347	0.004241	943198589.05
1125501760	Capacitor	C105,C74,C92	Bellcore Issue 6	Level I		0.000864	3.00	.0212	0.002591	1157799909.29
1124510180	Capacitor	C106,C107,C112,C113,C118-C133-C197-C204,C266-C281	Bellcore Issue 6	Level I		0.001060	44.00	.3818	0.046650	943198589.05
1124522180	Capacitor	C63	Bellcore Issue 6	Level I		0.001060	1.00	.0087	0.001060	943198589.05
1124547280	Capacitor	C64	Bellcore Issue 6	Level I		0.001060	1.00	.0087	0.001060	943198589.05
1141647080	Capacitor	C101,C104,C70,C73,C86,C89	Bellcore Issue 6	Level I		0.002357	6.00	.1157	0.014142	424256814.77
1149622180	Capacitor	C395-396,C81-84	Bellcore Issue 6	Level I		0.004535	6.00	.2227	0.027212	220487045.01
1124518180	Capacitor	C290-297,C342-350	Bellcore Issue 6	Level I		0.001060	17.00	.1475	0.018024	943198589.05
1124415080	Capacitor	C179-180,C214-215,C416	Bellcore Issue 6	Level I		0.001060	5.00	.0434	0.005301	943198589.05
1124433080	Capacitor	C195-196,C237-238,C29	Bellcore Issue 6	Level I		0.001060	5.00	.0434	0.005301	943198589.05

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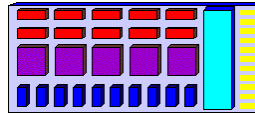


Description CPU Board
File Name TBOX-3306.RPJ
Time 3:48 PM
Failure Rate 12.219121
MTBF 81,839

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1141622060	Capacitor	C228	Bellcore Issue 6	Level I		0.002357	1.00	.0193	0.002357	424256814.77
1124527180	Capacitor	C410-411	Bellcore Issue 6	Level I		0.001060	2.00	.0174	0.002120	943198589.05
1122747880	Capacitor	C413	Bellcore Issue 6	Level I		0.001598	1.00	.0131	0.001598	625953979.55
1302000340	Semiconductor	D1	Bellcore Issue 6	Level I		0.027212	1.00	.2227	0.027212	36747840.84
1300581740	Semiconductor	D12-13,D3	Bellcore Issue 6	Level I		0.023881	3.00	.5863	0.071643	41874327.58
1301005440	Semiconductor	D4-5	Bellcore Issue 6	Level I		0.023881	2.00	.3909	0.047762	41874327.58
1300414840	Semiconductor	D8-11,D14,D18,D18-20,D6	Bellcore Issue 6	Level I		0.023881	9.00	1.7590	0.214929	41874327.58
1305099140	Semiconductor	D15-17	Bellcore Issue 6	Level I		0.023881	3.00	.5863	0.071643	41874327.58
1752000700	Miscellaneous	FS1	Bellcore Issue 6	Level I		0.030000	1.00	.2455	0.030000	33333333.33
1752311000	Miscellaneous	FS2-4	Bellcore Issue 6	Level I		0.030000	3.00	.7366	0.090000	33333333.33
1213130008	Inductor	LN1-9	Bellcore Issue 6	Level I		0.002268	36.00	.6681	0.081637	440974090.03
121308050	Inductor	FB1-7,L1-5,L7-9,L16-25,L27-33,L36-41,L46	Bellcore Issue 6	Level I		0.002268	39.00	.7238	0.088441	440974090.03
1212308057	Inductor	L38	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1212306035	Inductor	L48	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1212312063	Inductor	L34	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1212306034	Inductor	L26,R189	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
1212306031	Inductor	L10-12	Bellcore Issue 6	Level I		0.002268	3.00	.0557	0.006803	440974090.03
1211102200	Inductor	L13	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1212306030	Inductor	L42-45	Bellcore Issue 6	Level I		0.002268	4.00	.0742	0.009071	440974090.03
1211102767	Inductor	L47	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1315500311	Semiconductor	Q2,Q3	Bellcore Issue 6	Level I	15.00	0.120000	2.00	1.9641	0.240000	8333333.33
1314838410	Integrated Circuit	Q4-6	Bellcore Issue 6	Level I	15.00	0.168759	3.00	4.1433	0.506276	5925622.25
1315700210	Semiconductor	Q7-8	Bellcore Issue 6	Level I		0.159207	2.00	2.6059	0.318413	6281149.14
1310390410	Semiconductor	Q1,Q9-10,Q13-14,Q16	Bellcore Issue 6	Level I		0.023881	6.00	1.1726	0.143286	41874327.58
1310222210	Semiconductor	Q11-12,Q15	Bellcore Issue 6	Level I		0.023881	3.00	.5863	0.071643	41874327.58
1540727280	Resistor	RN1-2,RN25,RN27,RN70-71	Bellcore Issue 6	Level I		0.006246	6.00	.3067	0.037476	160102772.00
1540782280	Resistor	RN12-24,RN26,RN3-9,RN61-62	Bellcore Issue 6	Level I		0.006246	23.00	1.1757	0.143658	160102772.00
1540756280	Resistor	RN10-11	Bellcore Issue 6	Level I		0.006246	2.00	.1022	0.012492	160102772.00
1540747282	Resistor	RN29-30,RN63-64,RN67-68,RN89-90,RN93-94	Bellcore Issue 6	Level I		0.006246	10.00	.5112	0.062460	160102772.00
1540756080	Resistor	RN31-58	Bellcore Issue 6	Level I		0.006246	28.00	1.4313	0.174888	160102772.00

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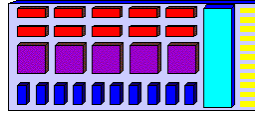


Description CPU Board
File Name TBOX-3306.RPJ
Time 3:48 PM
Failure Rate 12.219121
MTBF 81,839

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A703303	Resistor	R1,R216,R220,R267,R289-290,R3-73,R62,R66	Bellcore Issue 6	Level I		0.002268	9.00	.1670	0.020409	440974090.03
105A722003	Resistor	R268-269	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
105A556003	Resistor	R65	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A768003	Resistor	R68	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A715003	Resistor	R346-347,R70-71,R78	Bellcore Issue 6	Level I		0.002268	5.00	.0928	0.011339	440974090.03
105A701003	Resistor	R105,R130,R135,R148,R163-164,-R291,R293,R343,R98-99	Bellcore Issue 6	Level I		0.002268	11.00	.2041	0.024945	440974090.03
105A504763	Resistor	R102-103	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
105A549913	Resistor	R104	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A705623	Resistor	R107,R110,R219,R224,R304	Bellcore Issue 6	Level I		0.002268	5.00	.0928	0.011339	440974090.03
105A571533	Resistor	R108	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A528713	Resistor	R109	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A707523	Resistor	R111	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1059518701	Resistor	R112	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
1059511501	Resistor	R113	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A756033	Resistor	R116-117	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
1059512401	Resistor	R119-119,R121	Bellcore Issue 6	Level I		0.002268	3.00	.0557	0.006803	440974090.03
1059524961	Resistor	R120	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A710053	Resistor	R129	Bellcore Issue 6	Level I		0.013606	1.00	.1114	0.013606	73495681.67
1059502831	Resistor	R147	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A521033	Resistor	R150	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A590923	Resistor	R151	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A560423	Resistor	R154-155	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
105A704703	Resistor	R176-177,R183-184,R186	Bellcore Issue 6	Level I		0.002268	5.00	.0928	0.011339	440974090.03
105A501723	Resistor	R198	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A751033	Resistor	R200-201,R204,R23	Bellcore Issue 6	Level I		0.002268	4.00	.0742	0.009071	440974090.03
105A505103	Resistor	R100,R208-211,R253-254,R256,-R259,R67	Bellcore Issue 6	Level I		0.002268	10.00	.1856	0.022677	440974090.03
105A747003	Resistor	R223	Bellcore Issue 6	Level I		0.002268	1.00	.0186	0.002268	440974090.03
105A705033	Resistor	R297,R301,R337	Bellcore Issue 6	Level I		0.002268	3.00	.0557	0.006803	440974090.03
105A702223	Resistor	R307,R344	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03

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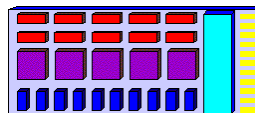


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MTBF 81,839

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1059511001	Resistor	R349-350	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
1149633190	Capacitor	TC11-13	Bellcore Issue 6	Level I		0.004933	3.00	.1211	0.014799	202722669.92
14S4237120	Integrated Circuit	U1	Bellcore Issue 6	Level I	12.00	0.077420	1.00	.6336	0.077420	12916624.12
14S5801400	Integrated Circuit	U2	Bellcore Issue 6	Level I	3.00	0.045117	1.00	.3692	0.045117	22164547.86
14S5900700	Integrated Circuit	U3	Bellcore Issue 6	Level I	13.00	0.115258	1.00	.9433	0.115258	8676209.89
14S5500800	Integrated Circuit	U4	Bellcore Issue 6	Level I	7.00	0.088777	1.00	.7265	0.088777	11264182.63
14S4070600	Integrated Circuit	U5	Bellcore Issue 6	Level I	7.00	0.097911	1.00	.8013	0.097911	10213356.27
14S5207402	Integrated Circuit	U6	Bellcore Issue 6	Level I	3.00	0.075610	1.00	.6188	0.075610	13225687.84
14S5501400	Integrated Circuit	U9	Bellcore Issue 6	Level I	15.00	0.125285	1.00	1.0253	0.125285	7981782.34
14S4244300	Integrated Circuit	U10	Bellcore Issue 6	Level I	20.00	0.118260	1.00	.9678	0.118260	8455912.86
14S4900000	Integrated Circuit	U12	Bellcore Issue 6	Level I	20.00	0.118260	1.00	.9678	0.118260	8455912.86
14S5512500	Integrated Circuit	U13	Bellcore Issue 6	Level I	9.00	0.096820	1.00	.7924	0.096820	10328441.13
14S3155300	Integrated Circuit	U15	Bellcore Issue 6	Level I	15.00	0.168759	1.00	1.3811	0.168759	5925622.25
14S9055500	Integrated Circuit	u16	Bellcore Issue 6	Level I	7.00	0.069574	1.00	.5694	0.069574	14373251.85
14S4021303	Integrated Circuit	U17-18,U34-35	Bellcore Issue 6	Level I	8.00	0.104969	4.00	3.4362	0.419877	9526603.44
14S4397703	Integrated Circuit	U19	Bellcore Issue 6	Level I	11.00	0.073313	1.00	.6000	0.073313	13640096.66
14S4378100	Integrated Circuit	U22	Bellcore Issue 6	Level I	17.00	0.192530	1.00	1.5756	0.192530	5193998.23
14S3924800	Integrated Circuit	U25	Bellcore Issue 6	Level I	17.00	0.192530	1.00	1.5756	0.192530	5193998.23
14S4813902	Integrated Circuit	U26	Bellcore Issue 6	Level I	14.00	0.086245	1.00	.7058	0.086245	11594908.63
14S6334600	Integrated Circuit	U27	Bellcore Issue 6	Level I	10.00	0.120485	1.00	.9860	0.120485	8299772.79
14S3200400	Integrated Circuit	U28	Bellcore Issue 6	Level I	13.00	0.147672	1.00	1.2085	0.147672	6771770.53
14S4866100	Integrated Circuit	U29	Bellcore Issue 6	Level I	9.00	0.065672	1.00	.5375	0.065672	15227088.64
14S4048500	Integrated Circuit	U20-21,U30-33	Bellcore Issue 6	Level I	9.00	0.112485	6.00	5.5234	0.674911	8890058.82
14S4911216	Integrated Circuit	U36	Bellcore Issue 6	Level I	16.00	0.180291	1.00	1.4755	0.180291	5546598.71
14S4881000	Integrated Circuit	U37	Bellcore Issue 6	Level I	18.00	0.205515	1.00	1.6819	0.205515	4865835.10
1315995610	Semiconductor	U40	Bellcore Issue 6	Level I	7.00	0.193788	1.00	1.5859	0.193788	5160285.71
14S3181900	Integrated Circuit	U41	Bellcore Issue 6	Level I	3.00	0.147672	1.00	1.2085	0.147672	6771770.53
1315995310	Semiconductor	U43	Bellcore Issue 6	Level I	11.00	0.215958	1.00	1.7674	0.215958	4630523.11
1233350050	Miscellaneous	Y5	Bellcore Issue 6	Level I		0.150000	1.00	1.2276	0.150000	6666666.67
1233349160	Miscellaneous	Y7	Bellcore Issue 6	Level I		0.150000	1.00	1.2276	0.150000	6666666.67
1653007204	Connection	CN28	Bellcore Issue 6	Level I		0.007966	1.00	.0652	0.007966	125540038.67

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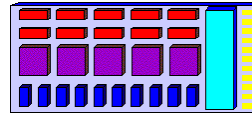


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1651204493	Connection	U14_SKT	Bellcore Issue 6	Level I		0.025035	1.00	.2049	0.025035	39944557.76
1651203291	Connection	U8_SKT	Bellcore Issue 6	Level I		0.018207	1.00	.1490	0.018207	54923766.92
1059503001	Resistor	R179,R185	Bellcore Issue 6	Level I		0.002268	2.00	.0371	0.004535	440974090.03
14S5A24540	Integrated Circuit	U7	Bellcore Issue 6	Level I	6.00	0.091286	1.00	.7471	0.091286	10954631.16
1750220320	Connection	BT1	Bellcore Issue 6	Level I		0.001138	1.00	.0093	0.001138	878780270.71
1750119011	Miscellaneous	BT1	Bellcore Issue 6	Level I		0.900000	1.00	7.3655	0.900000	1111111.11
1759100002	Miscellaneous	BZ1	Bellcore Issue 6	Level I		0.150000	1.00	1.2276	0.150000	6666666.67
1655420020	Connection	CN2	Bellcore Issue 6	Level I		0.011379	1.00	.0931	0.011379	87878027.07
1653205200	Connection	CN5	Bellcore Issue 6	Level I		0.005690	1.00	.0466	0.005690	175756054.14
1654808300	Connection	CN6	Bellcore Issue 6	Level I		0.005690	1.00	.0466	0.005690	175756054.14
1653217202	Connection	CN7	Bellcore Issue 6	Level I		0.019345	1.00	.1583	0.019345	51692957.10
1653006100	Connection	CN8,JP16	Bellcore Issue 6	Level I		0.003414	2.00	.0559	0.006828	292926756.90
1654922600	Connection	CN9	Bellcore Issue 6	Level I		0.014793	1.00	.1211	0.014793	67598482.36
1654449501	Connection	CN10	Bellcore Issue 6	Level I		0.015931	1.00	.1304	0.015931	62770019.34
1654612300	Connection	CN11	Bellcore Issue 6	Level I		0.006828	1.00	.0559	0.006828	146463378.45
1653225200	Connection	CN12	Bellcore Issue 6	Level I		0.028449	1.00	.2328	0.028449	35151210.83
1653003100	Connection	JP1,JP6-7	Bellcore Issue 6	Level I		0.001707	3.00	.0419	0.005121	585853513.81
1655003000	Connection	CN13,CN24	Bellcore Issue 6	Level I		0.001707	2.00	.0279	0.003414	585853513.81
1652508202	Connection	CN14	Bellcore Issue 6	Level I		0.004552	1.00	.0373	0.004552	219695067.68
1653222200	Connection	CN15-16	Bellcore Issue 6	Level I		0.025035	2.00	.4098	0.050069	39944557.76
1653220203	Connection	CN17	Bellcore Issue 6	Level I		0.022759	1.00	.1863	0.022759	43939013.54
1654418500	Connection	CN20	Bellcore Issue 6	Level I		0.005121	1.00	.0419	0.005121	195284504.60
1654409001	Connection	CN19	Bellcore Issue 6	Level I		0.005121	1.00	.0419	0.005121	195284504.60
1653013200	Connection	CN21	Bellcore Issue 6	Level I		0.014793	1.00	.1211	0.014793	67598482.36
1654630200	Connection	CN23	Bellcore Issue 6	Level I		0.017069	1.00	.1397	0.017069	58585351.38
1655305020	Connection	CN25	Bellcore Issue 6	Level I		0.002845	1.00	.0233	0.002845	351512108.28
1655306020	Connection	CN26-27	Bellcore Issue 6	Level I		0.003414	2.00	.0559	0.006828	292926756.90
1651607920	Connection	CPU1	Bellcore Issue 6	Level I		0.210519	1.00	1.7229	0.210519	4750163.63
1189622110	Capacitor	C236	Bellcore Issue 6	Level I		0.042673	1.00	.3492	0.042673	23434140.55
1119610293	Capacitor	C53-54	Bellcore Issue 6	Level I		0.071121	2.00	1.1641	0.142243	14060484.33
1119610291	Capacitor	C371-373,C56-57,C59-60,C65-66	Bellcore Issue 6	Level I		0.075338	9.00	5.5490	0.678044	13273483.15

AAEON Reliability Prediction Report

Part Number 969B500200
Reference Des
Date 11. 29, 2001
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

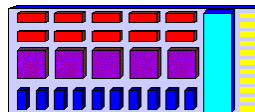


Description ASS'Y Riser
File Name TBOX-3306.RPJ
Time 3:50 PM
Failure Rate 1.140894
MTBF 876,506

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1654260020	Connection	CN5-8	Bellcore Issue 6	Level I		0.068276	4.00	23.9379	0.273106	14646337.85
1654249200	Connection	CN2-4	Bellcore Issue 6	Level I		0.055759	3.00	14.6620	0.167277	17934291.24
1112622090	Capacitor	CN24-26	Bellcore Issue 6	Level I		0.020771	3.00	5.4618	0.062313	48143876.61
1656304130	Connection	CN9-11	Bellcore Issue 6	Level I		0.002276	3.00	.5984	0.006828	439390135.35
1655003110	Connection	CN12	Bellcore Issue 6	Level I		0.001707	1.00	.1496	0.001707	585853513.81
1314838410	Integrated Circuit	U2	Bellcore Issue 6	Level I		0.059366	1.00	5.2035	0.059366	16844654.92
1121706180	Capacitor	C11-22,C27-49,C51-106	Bellcore Issue 6	Level I		0.002539	91.00	20.2517	0.231051	393852661.82
1119622192	Capacitor	C7-10	Bellcore Issue 6	Level I		0.042673	4.00	14.9612	0.170691	23434140.55
105A704703	Resistor	R14,R28-30,R32-33,R35-36,R40-41-,R43,R45,R49,R51,R56,R60,R62-6-4,R68,R71,R75,R77,R79,R81,R83	Bellcore Issue 6	Level I		0.002268	26.00	5.1679	0.058960	440974090.03
105A707503	Resistor	R20	Bellcore Issue 6	Level I		0.002268	1.00	.1988	0.002268	440974090.03
1059700003	Resistor	R22-23,R38,R54,R67,R80	Bellcore Issue 6	Level I		0.002268	6.00	1.1926	0.013606	440974090.03
105A512103	Resistor	R26	Bellcore Issue 6	Level I		0.002268	1.00	.1988	0.002268	440974090.03
1059519601	Resistor	R27	Bellcore Issue 6	Level I		0.002268	1.00	.1988	0.002268	440974090.03
1059701033	Resistor	R34,R37,R39,R44,R46-48,R50,R52-,R53,R55,R57,R59,R61,R65-66,R6-9-70,R73-74,R76,R78	Bellcore Issue 6	Level I		0.002268	22.00	4.3728	0.049890	440974090.03
14S4225000	Integrated Circuit	U1	Bellcore Issue 6	Level I		0.039296	1.00	3.4443	0.039296	25448028.36

AAEON Reliability Prediction Report

Part Number 96910P3K05
Reference Des
Date 11. 29, 2001
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description FDD&CD-ROM (Input)
File Name TBOX-3306.RPJ
Time 3:50 PM
Failure Rate 0.103968
MTBF 9,618,300

Table with 11 columns: Part Number, Category, Location, Calculation Model, Quality, Tem. Rise, Failure Rate, Unit, Quantity, Failure Rate, %, Failure Rate, MTBF, Unit. It contains 7 rows of component data including resistors, capacitors, and connections.