



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

SBC-676

Reliability Prediction Report

(MTBF)

Release Date: JAN. 22, 2002

Issue Stamp

QA Manager

QE Manager

Test Engineer

Reliability Prediction (MTBF)

I . Model Name: SBC-676

II .Description: AIO Full-size CPU Card. W/LCD, LVDs, LAN, AGP 2X,SSD & 2 USBs. Rev.A1.0

III . Prediction Date: JAN. 22. 2002

IV. Prediction Site: AAEON QE Dept.

V . Predicted by : Linda Sun

VI. Equipment: Relx Ver.7.2 Visual Reliability Software

VII. Simulation Environment:

- Temperature: 25 degrees C(No temperature rise condition)
- Standard: Telcordia (Bellcore) Standard

VIII. Term and Definition:

- Unit An assembly of device.
- Duty Cycle Used to specify the percentage of time that the element is in an on state, and it is equal to the percentage of total time the item is in the active environment.
- Quantity The quantity of the selected item.
- Failure Rate Used to specify that the failure rate is to be calculated based the selected Calculation models. The multiplier is 1,000,000.
- MTBF MTBF is always specified in hours.

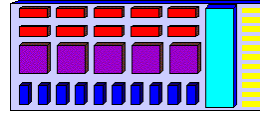
IX. Prediction Result:

- Failure Rate: 10.170588ppm
- MTBF: 98,323Hours

X. Prediction Table:

AAEON Reliability Prediction Report

Part Number 9697676004
Reference Des
Date 01. 22, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description Top-level assembly
File Name SBC-676-A10.RPJ
Time 4:10 PM
Failure Rate 10.170588
MTBF 98,323

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
SBC-676-A10	9697676004	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	10.170588	98,323

AAEON Reliability Prediction Report

Part Number 9697676004
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Date 01. 22, 2002
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Temperature 25.00

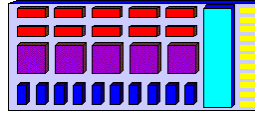


Description Top-level assembly
File Name SBC-676-A10.RPJ
Time 4:10 PM
Failure Rate 10.170588
MTBF 98,323

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1059700001	Resistor	L57	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A500233	Resistor	R471-473	Bellcore Issue 6	Level I		0.002268	3.00	.0669	0.006803	440974090.03
105A536503	Resistor	R464	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A535703	Resistor	R463	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A501033	Resistor	R71-72,R75,R98,R106	Bellcore Issue 6	Level I		0.002268	5.00	.1115	0.011339	440974090.03
105A504763	Resistor	R36,R39	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A510003	Resistor	R55,R126-127,R266-267,R474-476-R478	Bellcore Issue 6	Level I		0.002268	9.00	.2007	0.020409	440974090.03
105A502833	Resistor	R74	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A521033	Resistor	R76	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A507503	Resistor	R57-58,R128,R144,R157,R179,R2-42,R270,R271-273,R482-484	Bellcore Issue 6	Level I		0.002268	14.00	.3122	0.031748	440974090.03
105A560423	Resistor	R77-78	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A590923	Resistor	R79	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A554903	Resistor	R124,R281	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A561903	Resistor	R125,R282	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A505103	Resistor	R142	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A511103	Resistor	R243-245,R292	Bellcore Issue 6	Level I		0.002268	4.00	.0892	0.009071	440974090.03
105A511503	Resistor	R287,R669	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A518703	Resistor	R288,R670	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A503323	Resistor	R302,R304	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A527463	Resistor	R429	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A502033	Resistor	R437-438,R441	Bellcore Issue 6	Level I		0.002268	3.00	.0669	0.006803	440974090.03
105A701053	Resistor	R436	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A705133	Resistor	R155,R426,R428	Bellcore Issue 6	Level I		0.002268	3.00	.0669	0.006803	440974090.03
105A701533	Resistor	R256	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A722003	Resistor	R241	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A702233	Resistor	R190	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A720003	Resistor	R183	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A705603	Resistor	R137,R184	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A706233	Resistor	R121,R279	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
105A715003	Resistor	R114,R199,R202	Bellcore Issue 6	Level I		0.002268	3.00	.0669	0.006803	440974090.03

AAEON Reliability Prediction Report

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Date 01. 22, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description Top-level assembly
File Name SBC-676-A10.RPJ
Time 4:10 PM
Failure Rate 10.170588
MTBF 98,323

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A700133	Resistor	R12-16,R113,R118,R129-130,R133- R139,R148,R153-154,R161,R163,- R175,R200-201,R214,R290	Bellcore Issue 6	Level I		0.002268	21.00	.4682	0.047622	440974090.03
105A710033	Resistor	R64,R197,R249-250,R262-263,R2- 86,R289,R295	Bellcore Issue 6	Level I		0.002268	9.00	.2007	0.020409	440974090.03
105A702723	Resistor	R66-67,R103,R105,R111,R115,R1- 20,R131,R159,R176,R181,R230-2- 32,R259,R278,R297,R679-680	Bellcore Issue 6	Level I		0.002268	19.00	.4236	0.043086	440974090.03
105A707523	Resistor	R90	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
105A702203	Resistor	R83,R87,R164,R198,R204,R306,R- 308	Bellcore Issue 6	Level I		0.002268	7.00	.1561	0.015874	440974090.03
106B501030	Resistor	J2	Bellcore Issue 6	Level I		0.011379	1.00	.1119	0.011379	87878027.07
1124501780	Capacitor	BC298,C3-4,C22,C24-26,C108-113- C117-122,C142,C145,C151,C251-- 256	Bellcore Issue 6	Level I		0.001060	28.00	.2919	0.029686	943198589.05
1122701680	Capacitor	BC308,BC310-313,C36,C39,C100-- 101,C103-104,C127-130,C141,C14- 4,C146-147,C150,C152,C156,C170- C178,C207-208,C250,C267-268,C- 275-276,M1-34,M36-37,M39-42,M4- 4-45,M47,M50,M52-61,M63-71,M74- M76-80,M82-110,M112-117,M119-- 121,M126-151	Bellcore Issue 6	Level I		0.001598	164.00	2.5761	0.262000	625953979.55
1129701080	Capacitor	BC451-452,C52,C67,C97,O1-18	Bellcore Issue 6	Level I		0.005466	23.00	1.2360	0.125709	182961702.19
1124420080	Capacitor	C27	Bellcore Issue 6	Level I		0.001060	1.00	.0104	0.001060	943198589.05
1124522180	Capacitor	C31	Bellcore Issue 6	Level I		0.001060	1.00	.0104	0.001060	943198589.05
1124510180	Capacitor	C12,C42-51,C56-58,C62-64,C76-77- C87,C91,C153	Bellcore Issue 6	Level I		0.001060	22.00	.2293	0.023325	943198589.05
1124547280	Capacitor	C32	Bellcore Issue 6	Level I		0.001060	1.00	.0104	0.001060	943198589.05
1124418080	Capacitor	C35,C38	Bellcore Issue 6	Level I		0.001060	2.00	.0208	0.002120	943198589.05
1129610260	Capacitor	C94,C99	Bellcore Issue 6	Level I		0.000712	2.00	.0140	0.001425	1403854412.74
1129747650	Capacitor	C105,C123-126,P1-20,P25	Bellcore Issue 6	Level I		0.005466	26.00	1.3972	0.142106	182961702.19
1124422080	Capacitor	C159-160	Bellcore Issue 6	Level I		0.001060	2.00	.0208	0.002120	943198589.05
1124533080	Capacitor	C175,C177,C217-218	Bellcore Issue 6	Level I		0.001060	4.00	.0417	0.004241	943198589.05
1124405080	Capacitor	C179-181	Bellcore Issue 6	Level I		0.001060	3.00	.0313	0.003181	943198589.05
1124410080	Capacitor	C2,C9,C70,C72,C82,C86,C93,C172- C174,C176	Bellcore Issue 6	Level I		0.001060	10.00	.1042	0.010602	943198589.05

AAEON Reliability Prediction Report

Part Number 9697676004
Reference Des
Date 01. 22, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description Top-level assembly
File Name SBC-676-A10.RPJ
Time 4:10 PM
Failure Rate 10.170588
MTBF 98,323

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1174547080	Capacitor	NC1(*4)	Bellcore Issue 6	Level I		0.001060	4.00	.0417	0.004241	943198589.05
1119622211	Capacitor	C16-17,C33-34,C40-41	Bellcore Issue 6	Level I		0.075338	6.00	4.4445	0.452029	13273483.15
1119622212	Capacitor	C15,C74-75	Bellcore Issue 6	Level I		0.071121	3.00	2.0979	0.213364	14060484.33
1119610291	Capacitor	C1,C5,C13-14,C60-61,C73,C90	Bellcore Issue 6	Level I		0.075338	8.00	5.9260	0.602705	13273483.15
1141610050	Capacitor	C6-7,C68,C148,C157,C214,C216,F-1-4,F6,F9-19,F21,TC1	Bellcore Issue 6	Level I		0.002357	25.00	.5794	0.058927	424256814.77
1142610060	Capacitor	C88-89	Bellcore Issue 6	Level I		0.001587	2.00	.0312	0.003174	630075050.70
1149622050	Capacitor	C59,C114-116,C143,C149,C154-1-55	Bellcore Issue 6	Level I		0.004535	8.00	.3567	0.036283	220487045.01
1149633180	Capacitor	C213,C215	Bellcore Issue 6	Level I		0.004933	2.00	.0970	0.009866	202722669.92
1231232722	Miscellaneous	Y1	Bellcore Issue 6	Level I		0.150000	1.00	1.4748	0.150000	6666666.67
1231114350	Miscellaneous	Y2	Bellcore Issue 6	Level I		0.150000	1.00	1.4748	0.150000	6666666.67
1231129460	Miscellaneous	Y4	Bellcore Issue 6	Level I		0.150000	1.00	1.4748	0.150000	6666666.67
1233325053	Miscellaneous	X1-2	Bellcore Issue 6	Level I		0.360000	2.00	7.0792	0.720000	2777777.78
1211102200	Inductor	L25	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
1211102762	Inductor	L18	Bellcore Issue 6	Level I		0.086173	1.00	.8473	0.086173	11604581.32
1211100100	Inductor	L31	Bellcore Issue 6	Level I		0.086173	1.00	.8473	0.086173	11604581.32
1212308050	Inductor	L1-5,L8,L22-23,L36,L56,L58-59	Bellcore Issue 6	Level I		0.002268	12.00	.2676	0.027212	440974090.03
1212303160	Inductor	L28	Bellcore Issue 6	Level I		0.002268	1.00	.0223	0.002268	440974090.03
1212306030	Inductor	L38-40,L43-46,R50,R82,R99,R100-,R145,R151-152,R162,R187-188,R-318-324,R480-481,R671-673	Bellcore Issue 6	Level I		0.002268	29.00	.6466	0.065764	440974090.03
1212308054	Inductor	FB60-61	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
1212306033	Inductor	FB62,L32	Bellcore Issue 6	Level I		0.002268	2.00	.0446	0.004535	440974090.03
1212306031	Inductor	L13,L26-27,L29-30,L33-35,L50-51,-L55	Bellcore Issue 6	Level I		0.002268	11.00	.2453	0.024945	440974090.03
1213130008	Inductor	RN17(*4)	Bellcore Issue 6	Level I		0.002268	4.00	.0892	0.009071	440974090.03
14S3000201	Inductor	U37,U44	Bellcore Issue 6	Level I		0.136062	2.00	2.6756	0.272125	7349568.17
1314108301	Integrated Circuit	Q38	Bellcore Issue 6	Level I	42.50	0.033814	1.00	.3325	0.033814	29573138.99
1314043111	Integrated Circuit	Q37	Bellcore Issue 6	Level I	42.50	0.033814	1.00	.3325	0.033814	29573138.99
1314108410	Integrated Circuit	Q4	Bellcore Issue 6	Level I		0.059366	1.00	.5837	0.059366	16844654.92
1314108511	Integrated Circuit	Q5	Bellcore Issue 6	Level I		0.059366	1.00	.5837	0.059366	16844654.92
1314101010	Integrated Circuit	Q9	Bellcore Issue 6	Level I	37.40	0.022675	1.00	.2229	0.022675	44101325.59

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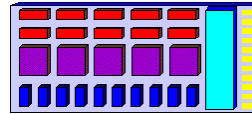


Description Top-level assembly
File Name SBC-676-A10.RPJ
Time 4:10 PM
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MTBF 98,323

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1314915200	Integrated Circuit	Q36	Bellcore Issue 6	Level I	39.90	0.027631	1.00	.2717	0.027631	36191596.54
1300014040	Semiconductor	D28-29	Bellcore Issue 6	Level I		0.023881	2.00	.4696	0.047762	41874327.58
1300414840	Semiconductor	D1,D8	Bellcore Issue 6	Level I		0.023881	2.00	.4696	0.047762	41874327.58
1301005440	Semiconductor	D4,D6-7,D30	Bellcore Issue 6	Level I		0.023881	4.00	.9392	0.095524	41874327.58
1301005441	Semiconductor	D14-22	Bellcore Issue 6	Level I		0.023881	9.00	2.1132	0.214929	41874327.58
1301005442	Semiconductor	D9,D12,D27	Bellcore Issue 6	Level I		0.023881	3.00	.7044	0.071643	41874327.58
1302012040	Semiconductor	ZD1-8	Bellcore Issue 6	Level I		0.027212	8.00	2.1405	0.217700	36747840.84
1300581740	Semiconductor	D2-3	Bellcore Issue 6	Level I		0.023881	2.00	.4696	0.047762	41874327.58
1304100440	Semiconductor	D5	Bellcore Issue 6	Level I		0.004877	1.00	.0479	0.004877	205063180.81
1315613710	Semiconductor	Q3,Q6	Bellcore Issue 6	Level I		0.079603	2.00	1.5654	0.159207	12562298.27
1315700210	Semiconductor	Q7-8,Q10	Bellcore Issue 6	Level I		0.079603	3.00	2.3480	0.238810	12562298.27
1315993310	Semiconductor	Q11	Bellcore Issue 6	Level I		0.159207	1.00	1.5654	0.159207	6281149.14
1315995310	Semiconductor	U33	Bellcore Issue 6	Level I		0.159207	1.00	1.5654	0.159207	6281149.14
14S5A24500	Integrated Circuit	U29,U31-32	Bellcore Issue 6	Level I		0.068903	3.00	2.0324	0.206710	14513109.62
14S5A24500	Integrated Circuit	U30	Bellcore Issue 6	Level I	41.70	0.046634	1.00	.4585	0.046634	21443471.23
14S5503200	Integrated Circuit	U43	Bellcore Issue 6	Level I		0.064937	1.00	.6385	0.064937	15399556.24
14S5824500	Integrated Circuit	U11	Bellcore Issue 6	Level I		0.038318	1.00	.3768	0.038318	26097332.06
14S5500800	Integrated Circuit	U26	Bellcore Issue 6	Level I		0.064937	1.00	.6385	0.064937	15399556.24
14S3175300	Integrated Circuit	U3	Bellcore Issue 6	Level I	37.00	0.017673	1.00	.1738	0.017673	56583257.92
14S3400100	Integrated Circuit	U2	Bellcore Issue 6	Level I	40.10	0.021523	1.00	.2116	0.021523	46461158.44
14S3810100	Integrated Circuit	U25	Bellcore Issue 6	Level I	37.80	0.018603	1.00	.1829	0.018603	53755188.96
14S4244300	Integrated Circuit	U6	Bellcore Issue 6	Level I		0.033760	1.00	.3319	0.033760	29621235.41
14S5A15700	Integrated Circuit	U18	Bellcore Issue 6	Level I		0.038215	1.00	.3757	0.038215	26167995.05
14S5801400	Integrated Circuit	U19,U39	Bellcore Issue 6	Level I		0.037889	2.00	.7451	0.075778	26392869.26
14S5900700	Integrated Circuit	U27	Bellcore Issue 6	Level I	37.30	0.036091	1.00	.3549	0.036091	27707456.09
14S5207402	Integrated Circuit	U34	Bellcore Issue 6	Level I		0.066009	1.00	.6490	0.066009	15149398.55
14S8406803	Integrated Circuit	U10,U21	Bellcore Issue 6	Level I		0.039296	2.00	.7727	0.078592	25448028.36
14S3128420	Integrated Circuit	U1	Bellcore Issue 6	Level I		0.059366	1.00	.5837	0.059366	16844654.92
14S4048500	Integrated Circuit	U14-15	Bellcore Issue 6	Level I		0.059366	2.00	1.1674	0.118732	16844654.92
14S4070600	Integrated Circuit	U28	Bellcore Issue 6	Level I		0.059366	1.00	.5837	0.059366	16844654.92
14S5A01400	Integrated Circuit	U46	Bellcore Issue 6	Level I		0.059366	1.00	.5837	0.059366	16844654.92

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Temperature 25.00

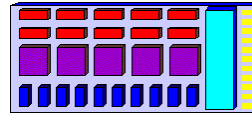


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File Name SBC-676-A10.RPJ
Time 4:10 PM
Failure Rate 10.170588
MTBF 98,323

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
14S4418500	Integrated Circuit	U12	Bellcore Issue 6	Level I	44.10	0.038221	1.00	.3758	0.038221	26163626.15
14S4418500	Integrated Circuit	U24	Bellcore Issue 6	Level I	43.70	0.037073	1.00	.3645	0.037073	26973858.70
14S4255900	Integrated Circuit	U7	Bellcore Issue 6	Level I	37.20	0.017902	1.00	.1760	0.017902	55861083.52
14S4255900	Integrated Circuit	U35	Bellcore Issue 6	Level I	38.00	0.018842	1.00	.1853	0.018842	53072919.06
14S4397702	Integrated Circuit	U4	Bellcore Issue 6	Level I		0.039296	1.00	.3864	0.039296	25448028.36
14S4378100	Integrated Circuit	U5	Bellcore Issue 6	Level I		0.039296	1.00	.3864	0.039296	25448028.36
14S4237120	Integrated Circuit	U9	Bellcore Issue 6	Level I		0.039296	1.00	.3864	0.039296	25448028.36
14S4000100	Integrated Circuit	U42	Bellcore Issue 6	Level I	50.40	0.040229	1.00	.3955	0.040229	24857399.53
14S6334610	Integrated Circuit	U13,U45	Bellcore Issue 6	Level I		0.030598	2.00	.6017	0.061196	32681842.61
14S6202003	Integrated Circuit	U17	Bellcore Issue 6	Level I		0.136173	1.00	1.3389	0.136173	7343591.05
1540701380	Resistor	RN4,RN12	Bellcore Issue 6	Level I		0.006246	2.00	.1228	0.012492	160102772.00
1540715380	Resistor	RN18	Bellcore Issue 6	Level I		0.006246	1.00	.0614	0.006246	160102772.00
1540756280	Resistor	RN19	Bellcore Issue 6	Level I		0.006246	1.00	.0614	0.006246	160102772.00
1540782280	Resistor	RN20-22,RN26-28,RN31,RN34-61	Bellcore Issue 6	Level I		0.006246	35.00	2.1494	0.218610	160102772.00
1540727280	Resistor	RN23-25,RN70	Bellcore Issue 6	Level I		0.006246	4.00	.2456	0.024984	160102772.00
1540700080	Resistor	RN30	Bellcore Issue 6	Level I		0.006246	1.00	.0614	0.006246	160102772.00
1540747282	Resistor	RN33	Bellcore Issue 6	Level I		0.006246	1.00	.0614	0.006246	160102772.00
1540710080	Resistor	RN62-69	Bellcore Issue 6	Level I		0.006246	8.00	.4913	0.049968	160102772.00
15407560A0	Resistor	RP1-14	Bellcore Issue 6	Level I		0.006246	14.00	.8598	0.087444	160102772.00
1540722080	Resistor	RN1-3,RN5-11,RN13-16	Bellcore Issue 6	Level I		0.006246	14.00	.8598	0.087444	160102772.00
1655005021	Connection	CN15	Bellcore Issue 6	Level I		0.002845	1.00	.0280	0.002845	351512108.28
1655003000	Connection	CN17	Bellcore Issue 6	Level I		0.001707	1.00	.0168	0.001707	585853513.81
1653003101	Connection	JP1	Bellcore Issue 6	Level I		0.001707	1.00	.0168	0.001707	585853513.81
1655304020	Connection	CN23	Bellcore Issue 6	Level I		0.002276	1.00	.0224	0.002276	439390135.35
1653003100	Connection	J1,J5	Bellcore Issue 6	Level I		0.001707	2.00	.0336	0.003414	585853513.81
1653004201	Connection	J4	Bellcore Issue 6	Level I		0.004552	1.00	.0448	0.004552	219695067.68
1653010202	Connection	CN27	Bellcore Issue 6	Level I		0.011379	1.00	.1119	0.011379	87878027.07
1653009200	Connection	CN29	Bellcore Issue 6	Level I		0.010241	1.00	.1007	0.010241	97642252.30
1653003201	Connection	J7,J8*2	Bellcore Issue 6	Level I		0.003414	3.00	.1007	0.010241	292926756.90
1653004101	Connection	J9	Bellcore Issue 6	Level I		0.002276	1.00	.0224	0.002276	439390135.35
1653220203	Connection	CN2	Bellcore Issue 6	Level I		0.022759	1.00	.2238	0.022759	43939013.54

AAEON Reliability Prediction Report

Part Number 9697676004
Reference Des
Date 01. 22, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description Top-level assembly
File Name SBC-676-A10.RPJ
Time 4:10 PM
Failure Rate 10.170588
MTBF 98,323

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653217202	Connection	CN3	Bellcore Issue 6	Level I		0.019345	1.00	.1902	0.019345	51692957.10
1653013203	Connection	CN9	Bellcore Issue 6	Level I		0.014793	1.00	.1455	0.014793	67598482.36
1653005201	Connection	CN14,CN16,CN24	Bellcore Issue 6	Level I		0.005690	3.00	.1678	0.017069	175756054.14
1653006100	Connection	CN11	Bellcore Issue 6	Level I		0.003414	1.00	.0336	0.003414	292926756.90
1651607920	Connection	CPU1	Bellcore Issue 6	Level I		0.210519	1.00	2.0699	0.210519	4750163.63
1651584490	Connection	DIM1-3	Bellcore Issue 6	Level I		0.095587	3.00	2.8195	0.286761	10461669.89
1651032220	Connection	U16	Bellcore Issue 6	Level I		0.018207	1.00	.1790	0.018207	54923766.92
1651203291	Connection	U17	Bellcore Issue 6	Level I		0.018207	1.00	.1790	0.018207	54923766.92
1652512200	Connection	CN13,CN21	Bellcore Issue 6	Level I		0.007966	2.00	.1566	0.015931	125540038.67
1654606303	Connection	CN18	Bellcore Issue 6	Level I		0.004552	1.00	.0448	0.004552	219695067.68
1655112010	Connection	PWR1	Bellcore Issue 6	Level I		0.006828	1.00	.0671	0.006828	146463378.45
1653005100	Connection	CN1	Bellcore Issue 6	Level I		0.002845	1.00	.0280	0.002845	351512108.28
1653220203	Connection	CN8	Bellcore Issue 6	Level I		0.022759	1.00	.2238	0.022759	43939013.54
1653005201	Connection	CN6	Bellcore Issue 6	Level I		0.005690	1.00	.0559	0.005690	175756054.14
1655306020	Connection	CN20	Bellcore Issue 6	Level I		0.003414	1.00	.0336	0.003414	292926756.90
1654515302	Connection	J12	Bellcore Issue 6	Level I		0.009672	1.00	.0951	0.009672	103385914.20
1752311000	Miscellaneous	F1-2,F4,F22	Bellcore Issue 6	Level I		0.030000	4.00	1.1799	0.120000	33333333.33
1750119011	Miscellaneous	BT1	Bellcore Issue 6	Level I		0.900000	1.00	8.8490	0.900000	1111111.11
1759100002	Miscellaneous	BZ1	Bellcore Issue 6	Level I		0.150000	1.00	1.4748	0.150000	6666666.67
1750220320	Connection	BT1	Bellcore Issue 6	Level I		0.001138	1.00	.0112	0.001138	878780270.71