

AEC-6910

Reliability Prediction Report

(MTBF)

Report NO : 05P070015

11-15-2005

Issue Date

Wenyuan Yang

Manager

Liping Hsieh

Test Engineer

Reliability Prediction (MTBF)

I . **Model Name:** AEC-6910

II . **Prediction Date:** Nov.15, 2005

III . **Prediction Site:** AAEON Q.E. Dept.

IV . **Predicted by:** Liping Hsieh

V . **Equipment:** Relex Ver.7.3 Visual Reliability Software

VI. Simulation Environment:

- Temperature: 25 degrees C
- Standard: Telcordia (Bellcore) Standard

VII. 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.

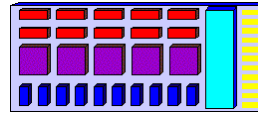
VIII. Prediction Result:

Failure Rate: 23.303748 ppm

MTBF: 42,912 Hours

AAEON Reliability Prediction Report

Part Number AEC6910
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

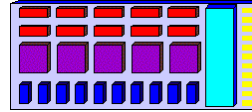


Description Top-level assembly
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 23.303748
MTBF 42,912

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
AEC-6910	AEC6910	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	23.303748	42,912
PER-R01P	969BR01P00	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.113794	8,787,803
PER-T031	969BT03100	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	0.379152	2,637,466
PCM-8150	969781500E	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	19.342503	51,700
96PER-T026	969BT02604	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	3.192611	313,223

AAEON Reliability Prediction Report

Part Number 969BR01P00
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

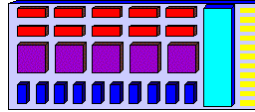


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 0.113794
MTBF 8,787,803

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653025220	Connection	J1~J4	Bellcore Issue 6	Level I		0.028449	4.00	100.0000	0.113794	35151210.83

AAEON Reliability Prediction Report

Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

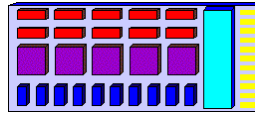


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1651592490	Connection	DIMM1	Bellcore Issue 6	Level I		0.104691	1.00	.5412	0.104691	9551959.46
165322020D	Connection	IDE1	Bellcore Issue 6	Level I		0.022759	1.00	.1177	0.022759	43939013.54
1653002104	Connection	JP1	Bellcore Issue 6	Level I		0.028449	1.00	.1471	0.028449	35151210.83
1653003106	Connection	JP6	Bellcore Issue 6	Level I		0.042673	1.00	.2206	0.042673	23434140.55
1652508204	Connection	LAN1	Bellcore Issue 6	Level I		0.004552	1.00	.0235	0.004552	219695067.68
1211100305	Inductor	L16,L17,L22,L26	Bellcore Issue 6	Level I		0.086173	4.00	1.7820	0.344691	11604581.32
1654260201	Connection	PCI1	Bellcore Issue 6	Level I		0.068276	1.00	.3530	0.068276	14646337.85
16540F0201	Connection	PCMCIA1	Bellcore Issue 6	Level I		0.085346	1.00	.4412	0.085346	11717070.28
1750220323	Connection	BT1	Bellcore Issue 6	Level I		0.001138	1.00	.0059	0.001138	878780270.71
1750119011	Miscellaneous	BT1	Bellcore Issue 6	Level I		0.900000	1.00	4.6530	0.900000	1111111.11
1655302021	Connection	BT2	Bellcore Issue 6	Level I		0.001138	1.00	.0059	0.001138	878780270.71
1759100008	Miscellaneous	BUZZ1	Bellcore Issue 6	Level I		0.150000	1.00	.7755	0.150000	6666666.67
1653900034	Connection	CFD1	Bellcore Issue 6	Level I		0.028449	1.00	.1471	0.028449	35151210.83
1653204205	Connection	CN1	Bellcore Issue 6	Level I		0.004552	1.00	.0235	0.004552	219695067.68
1655417020	Connection	CN5	Bellcore Issue 6	Level I		0.011379	1.00	.0588	0.011379	87878027.07
1653003207	Connection	CN9,JP3-JP5	Bellcore Issue 6	Level I		0.085346	4.00	1.7649	0.341382	11717070.28
1653005104	Connection	CN17	Bellcore Issue 6	Level I		0.002845	1.00	.0147	0.002845	351512108.28
165300420G	Connection	CN18	Bellcore Issue 6	Level I		0.004552	1.00	.0235	0.004552	219695067.68
1653005207	Connection	CN19	Bellcore Issue 6	Level I		0.005690	1.00	.0294	0.005690	175756054.14
1189639190	Capacitor	C104,C110,C148,C175,C190,C39,-C62	Bellcore Issue 6	Level I		0.004933	7.00	.1785	0.034530	202722669.92
1119622195	Capacitor	C74,C77	Bellcore Issue 6	Level I		0.045203	2.00	.4674	0.090406	22122471.91
1111622102	Capacitor	C173,C182,C75	Bellcore Issue 6	Level I		0.027242	3.00	.4225	0.081726	36707972.85
1119610291	Capacitor	C87	Bellcore Issue 6	Level I		0.075338	1.00	.3895	0.075338	13273483.15
1111647191	Capacitor	C191,C192	Bellcore Issue 6	Level I		0.045403	2.00	.4695	0.090807	22024783.71
165320820C	Connection	VGA1	Bellcore Issue 6	Level I		0.009104	1.00	.0471	0.009104	109847533.84
14S6200400	Integrated Circuit	U7	Bellcore Issue 6	Level I		0.160483	1.00	.8297	0.160483	6231185.16
1655003010	Connection	CN11,CN16	Bellcore Issue 6	Level I		0.042673	2.00	.4412	0.085346	23434140.55
121110010N	Inductor	L24	Bellcore Issue 6	Level I	27.90	0.142062	1.00	.7345	0.142062	7039202.14
121110010N	Inductor	L25	Bellcore Issue 6	Level I	27.00	0.139976	1.00	.7237	0.139976	7144059.21
1211101760	Inductor	L27	Bellcore Issue 6	Level I		0.086173	1.00	.4455	0.086173	11604581.32

AAEON Reliability Prediction Report

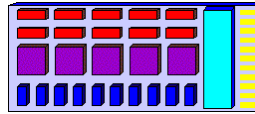
Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1129701790	Capacitor	C109,C116,C119,C127,C137,C142-C237,C291,C354,C355,C368,C384-C412	Bellcore Issue 6	Level I		0.001598	13.00	.1074	0.020768	625953979.55
1129701790	Capacitor	C497,C513,C514,C526,C533,C541-C560,C652,C690,C93,C98	Bellcore Issue 6	Level I		0.001598	11.00	.0909	0.017573	625953979.55
1124410190	Capacitor	C165,C169,C216,C229,C230,C681	Bellcore Issue 6	Level I		0.001060	6.00	.0329	0.006361	943198589.05
1121610060	Capacitor	C184,C189,C726	Bellcore Issue 6	Level I		0.002539	3.00	.0394	0.007617	393852661.82
1124547190	Capacitor	C197-C202,C242,C252,C260,C280-C282,C297,C326	Bellcore Issue 6	Level I		0.001060	14.00	.0767	0.014843	943198589.05
1124427090	Capacitor	C221,C231,C238,C239,C244,C247-C351,C388	Bellcore Issue 6	Level I		0.001060	8.00	.0439	0.008482	943198589.05
1124522280	Capacitor	C262,C266	Bellcore Issue 6	Level I		0.001060	2.00	.0110	0.002120	943198589.05
1122747880	Capacitor	C613	Bellcore Issue 6	Level I		0.001598	1.00	.0083	0.001598	625953979.55
14S4285201	Integrated Circuit	U4	Bellcore Issue 6	Level I	16.80	0.100084	1.00	.5174	0.100084	9991570.54
14S4060000	Integrated Circuit	U19	Bellcore Issue 6	Level I	14.00	0.086245	1.00	.4459	0.086245	11594908.63
1315030210	Integrated Circuit	Q1,Q27	Bellcore Issue 6	Level I		0.059366	2.00	.6138	0.118732	16844654.92
1315441012	Semiconductor	Q15,Q23,Q25,Q36,Q66,Q8	Bellcore Issue 6	Level I		0.079603	6.00	2.4693	0.477620	12562298.27
1315441012	Semiconductor	Q63	Bellcore Issue 6	Level I	13.30	0.114774	1.00	.5934	0.114774	8712792.47
1315441012	Semiconductor	Q26	Bellcore Issue 6	Level I	15.80	0.122521	1.00	.6334	0.122521	8161890.13
1311390610	Semiconductor	Q14,Q54	Bellcore Issue 6	Level I		0.023881	2.00	.2469	0.047762	41874327.58
1310390410	Semiconductor	Q31,Q32,Q38,Q39	Bellcore Issue 6	Level I		0.023881	4.00	.4939	0.095524	41874327.58
1124547280	Capacitor	C668	Bellcore Issue 6	Level I		0.001060	1.00	.0055	0.001060	943198589.05
1301005442	Semiconductor	D6,D7	Bellcore Issue 6	Level I		0.023881	2.00	.2469	0.047762	41874327.58
165321720A	Connection	FDD1	Bellcore Issue 6	Level I		0.019345	1.00	.1000	0.019345	51692957.10
1653003202	Connection	JP2	Bellcore Issue 6	Level I		0.085346	1.00	.4412	0.085346	11717070.28
105A520003	Resistor	R644	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A506823	Resistor	R737,R741	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A523233	Resistor	R739	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A556223	Resistor	R769,R770	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
14S3112100	Integrated Circuit	TF1	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
14S4142001	Integrated Circuit	U2	Bellcore Issue 6	Level I	8.80	0.064948	1.00	.3358	0.064948	15396822.86
14S3033800	Integrated Circuit	U6	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
14S6334610	Integrated Circuit	U8	Bellcore Issue 6	Level I		0.030598	1.00	.1582	0.030598	32681842.61

AAEON Reliability Prediction Report



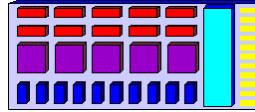
Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
14S5A00700	Integrated Circuit	U11	Bellcore Issue 6	Level I		0.037889	1.00	.1959	0.037889	26392869.26
1231314350	Miscellaneous	Y3	Bellcore Issue 6	Level I		0.150000	1.00	.7755	0.150000	6666666.67
105A500233	Resistor	R473,R549,R683	Bellcore Issue 6	Level I		0.002268	3.00	.0352	0.006803	440974090.03
105A560403	Resistor	R479,R496	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A548703	Resistor	R556	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
14S5A00600	Integrated Circuit	U12	Bellcore Issue 6	Level I	9.60	0.065457	1.00	.3384	0.065457	15277218.31
14S4048501	Integrated Circuit	U14,U15	Bellcore Issue 6	Level I		0.059366	2.00	.6138	0.118732	16844654.92
14S4280106	Integrated Circuit	U18	Bellcore Issue 6	Level I	12.90	0.081287	1.00	.4203	0.081287	12302052.67
14S2705700	Integrated Circuit	U21	Bellcore Issue 6	Level I	16.50	0.186320	1.00	.9633	0.186320	5367123.60
14S2705700	Integrated Circuit	U22	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
14S4700900	Integrated Circuit	U25	Bellcore Issue 6	Level I	9.70	0.068263	1.00	.3529	0.068263	14649283.25
14S4021310	Integrated Circuit	U29,U30,U34,U35	Bellcore Issue 6	Level I		0.059366	4.00	1.2277	0.237464	16844654.92
14S4147600	Integrated Circuit	U37	Bellcore Issue 6	Level I	16.30	0.183886	1.00	.9507	0.183886	5438138.00
1314108412	Integrated Circuit	Q41	Bellcore Issue 6	Level I	14.20	0.160018	1.00	.8273	0.160018	6249310.80
1315700310	Semiconductor	Q61	Bellcore Issue 6	Level I	16.30	0.124116	1.00	.6417	0.124116	8056966.74
1315700310	Semiconductor	Q62	Bellcore Issue 6	Level I	16.30	0.124116	1.00	.6417	0.124116	8056966.74
1540756081	Resistor	RN10,RN12,RN14,RN16,RN18,RN20,RN21,RN23,RN25,RN31,RN33,RN38	Bellcore Issue 6	Level I		0.006246	13.00	.4198	0.081198	160102772.00
1540756081	Resistor	RN4,RN41,RN43,RN6,RN8	Bellcore Issue 6	Level I		0.005205	5.00	.1345	0.026025	192123326.40
1540782282	Resistor	RN26,RN27,RN29,RN30,RN35,RN36,RN37,RN44,RN45,RP1-RP8	Bellcore Issue 6	Level I		0.006246	17.00	.5490	0.106182	160102772.00
106B501031	Resistor	RT1,RT2	Bellcore Issue 6	Level I		0.011379	2.00	.1177	0.022759	87878027.07
105A701009	Resistor	R101,R108,R110,R113,R116,R128,R131,R133,R142,R143,R153,R165,R172	Bellcore Issue 6	Level I		0.002268	13.00	.1524	0.029480	440974090.03
105A701009	Resistor	R173,R176,R186,R207,R211,R228,R23,R232,R236,R248,R250,R251,R273,R274	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03
105A701009	Resistor	R280,R282,R287,R326,R34,R4,R7,R725,R763,R92,R96	Bellcore Issue 6	Level I		0.002268	11.00	.1290	0.024945	440974090.03
105A704729	Resistor	R14,R15,R168,R170,R179,R182,R184,R253,R271,R275,R289,R296,R302,R303	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03

AAEON Reliability Prediction Report

Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

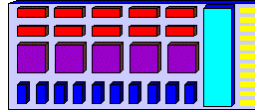


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A704729	Resistor	R305-R316,R337,R338,R347,R348-R354,R359,R361,R362,R378,R379-R380	Bellcore Issue 6	Level I		0.002268	23.00	.2697	0.052157	440974090.03
105A704729	Resistor	R381,R551,R559,R582,R590,R603-R625,R668,R704,R713,R717,R723-R730	Bellcore Issue 6	Level I		0.002268	13.00	.1524	0.029480	440974090.03
105A704729	Resistor	R731-R733,R742,R79,R8,R9	Bellcore Issue 6	Level I		0.002268	7.00	.0821	0.015874	440974090.03
105A733009	Resistor	R115,R120,R125,R18,R20,R21,R2-12,R224,R237,R246,R252,R269,R2-95,R297	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03
105A733009	Resistor	R467,R471,R612,R628,R633,R640-R648,R678,R691,R707,R773,R777	Bellcore Issue 6	Level I		0.002268	12.00	.1407	0.027212	440974090.03
105A705609	Resistor	R100,R102,R105,R111,R114,R117-R119,R129,R132,R137,R139,R145-R154	Bellcore Issue 6	Level I		0.002268	13.00	.1524	0.029480	440974090.03
105A705609	Resistor	R159,R161,R164,R167,R177,R178-R185,R187,R190,R202,R206,R215-R220	Bellcore Issue 6	Level I		0.002268	13.00	.1524	0.029480	440974090.03
105A705609	Resistor	R225,R238,R241,R244,R247,R249-R270,R272,R286,R288,R45,R47,R-580,R583	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03
105A705609	Resistor	R586,R599,R601,R605,R95,R97	Bellcore Issue 6	Level I		0.002268	6.00	.0703	0.013606	440974090.03
105A560463	Resistor	R324,R325,R413,R414,R48,R49	Bellcore Issue 6	Level I		0.002268	6.00	.0703	0.013606	440974090.03
105A524303	Resistor	R50	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A549963	Resistor	R415,R416,R486,R488,R53,R534,-R597,R607,R611,R616,R619,R623	Bellcore Issue 6	Level I		0.002268	12.00	.1407	0.027212	440974090.03
105A500133	Resistor	R55,R56,R682,R93,R94	Bellcore Issue 6	Level I		0.002268	5.00	.0586	0.011339	440974090.03
105A540263	Resistor	R57,R596	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A702229	Resistor	R330,R333,R336,R345,R389,R390-R404-R406,R425,R426,R427,R442-R463	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03
105A702229	Resistor	R469,R654,R663,R664,R783,R83,-R88	Bellcore Issue 6	Level I		0.002268	7.00	.0821	0.015874	440974090.03
1059700101	Resistor	R106,R122,R124,R290,R369,R420-R435,R440,R445,R447,R448,R454-R459	Bellcore Issue 6	Level I		0.002268	13.00	.1524	0.029480	440974090.03
1059700101	Resistor	R460,R511,R560,R565,R745-R750-R761,R762,R765,R98	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03
105S554903	Resistor	R107	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03

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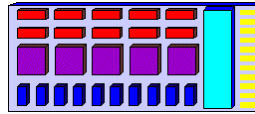


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A561903	Resistor	R109,R751	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A547523	Resistor	R121	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A504703	Resistor	R126,R127	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A501033	Resistor	R134,R358,R364,R397,R466,R468- R481,R635,R734-R736,R752,R759- R767	Bellcore Issue 6	Level I		0.002268	14.00	.1641	0.031748	440974090.03
105A501033	Resistor	R768,R771	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A571533	Resistor	R150	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A700003	Resistor	L41,R157,R715	Bellcore Issue 6	Level I		0.002268	3.00	.0352	0.006803	440974090.03
105A705133	Resistor	R158,R284,R506,R550,R711,R786	Bellcore Issue 6	Level I		0.002268	6.00	.0703	0.013606	440974090.03
105A503300	Resistor	R188,R189,R191-R194,R196-R201- R203,R205,R208,R209,R213,R214- R218	Bellcore Issue 6	Level I		0.002268	19.00	.2228	0.043086	440974090.03
105A503300	Resistor	R230,R233,R234,R239,R245	Bellcore Issue 6	Level I		0.002268	5.00	.0586	0.011339	440974090.03
105A518223	Resistor	R277,R461	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A528723	Resistor	R278	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A547503	Resistor	R283,R615	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A514003	Resistor	R317,R322	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A502033	Resistor	R349,R352,R482,R512	Bellcore Issue 6	Level I		0.002268	4.00	.0469	0.009071	440974090.03
105A513003	Resistor	R437,R554	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
1301005440	Semiconductor	D1,D2,D26-D28,D31,D32,D8,D9	Bellcore Issue 6	Level I		0.023881	9.00	1.1112	0.214929	41874327.58
1301053040	Semiconductor	D14-D17,D29,D3,D30,D4	Bellcore Issue 6	Level I		0.023881	8.00	.9877	0.191048	41874327.58
1301005441	Semiconductor	D10-D13	Bellcore Issue 6	Level I		0.023881	4.00	.4939	0.095524	41874327.58
1315970110	Semiconductor	F1-F4	Bellcore Issue 6	Level I		0.159207	4.00	3.2924	0.636826	6281149.14
1129610260	Capacitor	HC1	Bellcore Issue 6	Level I		0.000712	1.00	.0037	0.000712	1403854412.74
105A522663	Resistor	R558	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A578703	Resistor	R608,R754,R756,R757	Bellcore Issue 6	Level I		0.002268	4.00	.0469	0.009071	440974090.03
105A551123	Resistor	R641,R658,R687,R689	Bellcore Issue 6	Level I		0.002268	4.00	.0469	0.009071	440974090.03
105A512103	Resistor	R643	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A710053	Resistor	R649,R650	Bellcore Issue 6	Level I		0.013606	2.00	.1407	0.027212	73495681.67
105A519623	Resistor	R702	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A503033	Resistor	R738,R755	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A512033	Resistor	R740	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03

AAEON Reliability Prediction Report

Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

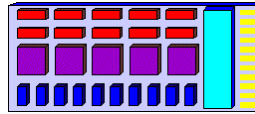


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A551113	Resistor	R764	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
1054600289	Resistor	SR2,SR3	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
14S3065500	Integrated Circuit	U1	Bellcore Issue 6	Level I	12.00	0.077420	1.00	.4003	0.077420	12916624.12
14S4255101	Integrated Circuit	U3	Bellcore Issue 6	Level I	15.80	0.094933	1.00	.4908	0.094933	10533792.86
14S4148500	Integrated Circuit	U5	Bellcore Issue 6	Level I	10.90	0.072913	1.00	.3770	0.072913	13714901.18
1651203291	Connection	U7	Bellcore Issue 6	Level I		0.018207	1.00	.0941	0.018207	54923766.92
14S5A12505	Integrated Circuit	U9	Bellcore Issue 6	Level I		0.039296	1.00	.2032	0.039296	25448028.36
14S5A00401	Integrated Circuit	U10	Bellcore Issue 6	Level I		0.039296	1.00	.2032	0.039296	25448028.36
1231325050	Miscellaneous	Y2	Bellcore Issue 6	Level I		0.150000	1.00	.7755	0.150000	6666666.67
1231332721	Miscellaneous	Y4	Bellcore Issue 6	Level I		0.150000	1.00	.7755	0.150000	6666666.67
105A501523	Resistor	R449	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A507523	Resistor	R477,R720	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A530103	Resistor	R485,R532	Bellcore Issue 6	Level I		0.002268	2.00	.0234	0.004535	440974090.03
105A548763	Resistor	R552	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A554963	Resistor	R557,R595,R631,R672	Bellcore Issue 6	Level I		0.002268	4.00	.0469	0.009071	440974090.03
14S4070610	Integrated Circuit	U13	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
14S3020101	Integrated Circuit	U16	Bellcore Issue 6	Level I	18.30	0.209561	1.00	1.0834	0.209561	4771874.72
14S4871201	Integrated Circuit	U17	Bellcore Issue 6	Level I	11.30	0.074525	1.00	.3853	0.074525	13418404.15
14S4871201	Integrated Circuit	U38	Bellcore Issue 6	Level I	9.40	0.067142	1.00	.3471	0.067142	14893857.53
14S5A00830	Integrated Circuit	U28,U31	Bellcore Issue 6	Level I		0.039296	2.00	.4063	0.078592	25448028.36
14S3020100	Integrated Circuit	U23	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
14S1488000	Integrated Circuit	U27	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
14S5812502	Integrated Circuit	U32	Bellcore Issue 6	Level I		0.039296	1.00	.2032	0.039296	25448028.36
14S3128420	Integrated Circuit	U36	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
1315035200	Semiconductor	Q40,Q43,Q48	Bellcore Issue 6	Level I		0.000000	3.00	.0000	0.000000	.00
1315600311	Semiconductor	Q59	Bellcore Issue 6	Level I	14.40	0.236271	1.00	1.2215	0.236271	4232433.07
1315600311	Semiconductor	Q60	Bellcore Issue 6	Level I	16.50	0.249518	1.00	1.2900	0.249518	4007734.10
1540710084	Resistor	RN1,RN11,RN13,RN15,RN17,RN19- ,RN22,RN24,RN28,RN3,RN32,RN3- 4,RN39	Bellcore Issue 6	Level I		0.006246	13.00	.4198	0.081198	160102772.00
1540710084	Resistor	RN40,RN42,RN5,RN7,RN9	Bellcore Issue 6	Level I		0.006246	5.00	.1615	0.031230	160102772.00
1653207205	Connection	CN2,CN8	Bellcore Issue 6	Level I		0.007966	2.00	.0824	0.015931	125540038.67

AAEON Reliability Prediction Report

Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

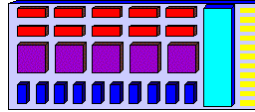


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653210204	Connection	CN7	Bellcore Issue 6	Level I		0.284485	1.00	1.4708	0.284485	3515121.08
1174510180	Capacitor	CP1,CP10-CP12,CP2-CP9	Bellcore Issue 6	Level I		0.001060	12.00	.0658	0.012723	943198589.05
1129701690	Capacitor	C101,C102,C107,C108,C112-C115-,C117,C118,C121,C123-C126,C128-,C129	Bellcore Issue 6	Level I		0.002539	17.00	.2232	0.043163	393852661.82
1129701690	Capacitor	C136,C140,C141,C143-C145,C147-,C149,C158,C159,C161,C162,C17-,C172,C178	Bellcore Issue 6	Level I		0.002539	15.00	.1969	0.038085	393852661.82
1129701690	Capacitor	C179,C18,C180,C183,C186,C187-,C19,C193,C194,C20,C212-C215,C-217,C218	Bellcore Issue 6	Level I		0.002539	16.00	.2100	0.040624	393852661.82
1129701690	Capacitor	C22,C226,C228,C23,C232-C234,C-240,C245,C246,C249,C25,C250,C2-55,C258	Bellcore Issue 6	Level I		0.002539	15.00	.1969	0.038085	393852661.82
1129701690	Capacitor	C26,C264,C268-C276,C279,C283-,C285,C289,C290,C293-C296,C30-,C31,C311	Bellcore Issue 6	Level I		0.002539	23.00	.3019	0.058397	393852661.82
1129701690	Capacitor	C317-C322,C328,C329,C33,C333--C336,C338,C339,C34,C340,C341-,C357,C358	Bellcore Issue 6	Level I		0.002539	20.00	.2625	0.050780	393852661.82
1129701690	Capacitor	C36,C360-C367,C369-C378,C382-,C385,C386,C387,C389-C391,C393-,C395-C399	Bellcore Issue 6	Level I		0.002539	31.00	.4069	0.078710	393852661.82
1129701690	Capacitor	C40,C404,C405,C408,C41,C410,C-413,C414,C416,C417,C420,C422--C426,C428	Bellcore Issue 6	Level I		0.002539	17.00	.2232	0.043163	393852661.82
1129701690	Capacitor	C429-C433,C435-C439,C44,C442--C444,C448,C451-C453,C455-C457-,C459,C463	Bellcore Issue 6	Level I		0.002539	23.00	.3019	0.058397	393852661.82
1129701690	Capacitor	C464-C468,C47,C470,C472-C486-,C488,C489,C492,C493,C496,C498-,C500,C502	Bellcore Issue 6	Level I		0.002539	29.00	.3807	0.073632	393852661.82
1129701690	Capacitor	C503-C509,C511,C512,C517,C520-,C525,C528,C530,C531,C536,C537-,C54,C542	Bellcore Issue 6	Level I		0.002539	23.00	.3019	0.058397	393852661.82
1129701690	Capacitor	C543-C545,C548-C550,C552-C557-,C56,C564-C566,C57,C570-C573,C-575,C581	Bellcore Issue 6	Level I		0.002539	23.00	.3019	0.058397	393852661.82
1129701690	Capacitor	C582,C587-C589,C59,C590-C594-,C596-C598,C60,C600-C605,C609-,C61,C612	Bellcore Issue 6	Level I		0.002539	22.00	.2888	0.055858	393852661.82

AAEON Reliability Prediction Report

Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

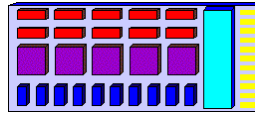


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1129701690	Capacitor	C616-C618,C621,C622,C625-C632,-C638,C641,C642-C645,C647,C65,-C650,C653	Bellcore Issue 6	Level I		0.002539	23.00	.3019	0.058397	393852661.82
1129701690	Capacitor	C658-C660,C66,C662-C667,C669,-C67,C678,C679,C68,C688,C689,C-691,C693	Bellcore Issue 6	Level I		0.002539	18.00	.2363	0.045702	393852661.82
1129701690	Capacitor	C694,C696,C698,C699,C7,C70,C7-02-C709,C71,C715-C722,C72,C725,-C76,C80	Bellcore Issue 6	Level I		0.002539	26.00	.3413	0.066015	393852661.82
1129701690	Capacitor	C81,C84-C86,C91,C99	Bellcore Issue 6	Level I		0.002539	6.00	.0788	0.015234	393852661.82
1129710050	Capacitor	C120,C122,C134,C135,C15,C177,-C181,C195,C196,C210,C211,C227,-C236,C24	Bellcore Issue 6	Level I		0.002722	14.00	.1970	0.038112	367335960.60
1129710050	Capacitor	C243,C253,C263,C278,C288,C310-,C312,C32,C323,C331,C332,C337,-C342,C35	Bellcore Issue 6	Level I		0.002722	14.00	.1970	0.038112	367335960.60
1129710050	Capacitor	C380,C381,C392,C394,C406,C409-,C411,C418,C42,C421,C43,C458,C-487,C490	Bellcore Issue 6	Level I		0.002722	14.00	.1970	0.038112	367335960.60
1129710050	Capacitor	C499,C51,C519,C52-C54,C539,C5-40,C559,C561-C563,C577-C580,C-586,C614	Bellcore Issue 6	Level I		0.002722	17.00	.2393	0.046279	367335960.60
1129710050	Capacitor	C615,C623,C63,C634-C637,C64,C-648,C651,654,C656,C670,C671-C6-77	Bellcore Issue 6	Level I		0.002722	20.00	.2815	0.054446	367335960.60
1129710050	Capacitor	C657	Bellcore Issue 6	Level I	15.10	0.002990	1.00	.0155	0.002990	334422089.62
1129710050	Capacitor	C683-C687,C69,C723,C724,C73	Bellcore Issue 6	Level I		0.002722	9.00	.1267	0.024501	367335960.60
1129701080	Capacitor	C146,C152,C153,C155,C163,C170-,C313,C325,C345-C350,C401,C449-,C450	Bellcore Issue 6	Level I		0.002722	17.00	.2393	0.046279	367335960.60
1129701080	Capacitor	C471,C491,C495,C649,C692,C700-,C701,C710,C88,C95	Bellcore Issue 6	Level I		0.002722	10.00	.1407	0.027223	367335960.60
1129710090	Capacitor	C103,C176,C219,C220,C695	Bellcore Issue 6	Level I		0.001060	5.00	.0274	0.005301	943198589.05
1129710390	Capacitor	C150,C151,C166,C171,C287,C299-,C400,C441,C462,C494	Bellcore Issue 6	Level I		0.001060	10.00	.0548	0.010602	943198589.05
1121722650	Capacitor	C185,C188	Bellcore Issue 6	Level I		0.002539	2.00	.0263	0.005078	393852661.82
1121733780	Capacitor	C204-C209,C241,C251,C259,C261-,C267,C324,C343,C344	Bellcore Issue 6	Level I		0.002539	14.00	.1838	0.035546	393852661.82
1129722091	Capacitor	C130,C139,C314	Bellcore Issue 6	Level I		0.001060	3.00	.0164	0.003181	943198589.05
1124405080	Capacitor	C606,C608	Bellcore Issue 6	Level I		0.001060	2.00	.0110	0.002120	943198589.05

AAEON Reliability Prediction Report

Part Number 969781500E
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

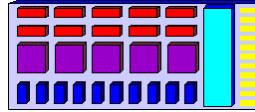


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 19.342503
MTBF 51,700

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A701039	Resistor	R647,R661,R681,R690,R695,R699-R724,R772,R785,R792,R89,R91	Bellcore Issue 6	Level I		0.002268	12.00	.1407	0.027212	440974090.03
105A708229	Resistor	R166,R1774,R254-R256,R258,R259,R265-R268,R291-R293,R419,R421,R434	Bellcore Issue 6	Level I		0.002268	17.00	.1993	0.038551	440974090.03
105A708229	Resistor	R444,R446,R570,R573,R587,R589-R604,R618,R651-R653,R662,R665-R727,R99	Bellcore Issue 6	Level I		0.002268	15.00	.1759	0.034016	440974090.03
1059700001	Resistor	R112,R144,R483,R494,R513,R576-R584,R598,R669,R709,R722,R743	Bellcore Issue 6	Level I		0.002268	12.00	.1407	0.027212	440974090.03
105A701053	Resistor	R123	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A501133	Resistor	R140	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A502833	Resistor	R151,R350,R351	Bellcore Issue 6	Level I		0.002268	3.00	.0352	0.006803	440974090.03
105A704333	Resistor	R162,R163,R366,R452,R453	Bellcore Issue 6	Level I		0.002268	5.00	.0586	0.011339	440974090.03
105A515003	Resistor	R260,R478,R493,R497,R531,R553-R555,R609	Bellcore Issue 6	Level I		0.002268	8.00	.0938	0.018142	440974090.03
105A521033	Resistor	R279	Bellcore Issue 6	Level I		0.002268	1.00	.0117	0.002268	440974090.03
105A533203	Resistor	R285,R753,R758	Bellcore Issue 6	Level I		0.002268	3.00	.0352	0.006803	440974090.03
105A502423	Resistor	R318,R323,R721,R760	Bellcore Issue 6	Level I		0.002268	4.00	.0469	0.009071	440974090.03
1213906008	Inductor	LN1-LN8	Bellcore Issue 6	Level I		0.002268	8.00	.0938	0.018142	440974090.03
1304100540	Semiconductor	PWR	Bellcore Issue 6	Level I		0.004877	1.00	.0252	0.004877	205063180.81
121230603T	Inductor	L1,L2,L20,L21,L28-L35,L3,L38,L4,L44,L46-L50,L5,L52,L6,L63,L64,L67-L69,L7,L70	Bellcore Issue 6	Level I		0.002268	31.00	.3634	0.070299	440974090.03
121230603T	Inductor	L71,L72,L73	Bellcore Issue 6	Level I		0.002268	3.00	.0352	0.006803	440974090.03
121230603S	Inductor	L12,L23,L40,L43,L55,L56,L61,L62,-L74,L8,L9	Bellcore Issue 6	Level I		0.002268	11.00	.1290	0.024945	440974090.03
121230805Z	Inductor	L14,L15,L36,L37,L45,L53	Bellcore Issue 6	Level I		0.002268	6.00	.0703	0.013606	440974090.03
121230805X	Inductor	L18,L19,L59,L60,L66	Bellcore Issue 6	Level I		0.002268	5.00	.0586	0.011339	440974090.03
1214309003	Inductor	CH1-CH4	Bellcore Issue 6	Level I		0.002268	4.00	.0469	0.009071	440974090.03
121230603U	Inductor	L42,L51,L65	Bellcore Issue 6	Level I		0.002268	3.00	.0352	0.006803	440974090.03
1540733082	Resistor	RN46-RN49	Bellcore Issue 6	Level I		0.006246	4.00	.1292	0.024984	160102772.00
1304002640	Semiconductor	HDD	Bellcore Issue 6	Level I		0.004877	1.00	.0252	0.004877	205063180.81
14S3221600	Integrated Circuit	U24	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92
1314111713	Integrated Circuit	Q49	Bellcore Issue 6	Level I		0.059366	1.00	.3069	0.059366	16844654.92

AAEON Reliability Prediction Report

Part Number 969BT02604
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

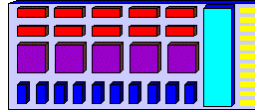


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 3.192611
MTBF 313,223

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1300582200	Semiconductor	''	Bellcore Issue 6	Level I		0.023881	2.00	1.4960	0.047762	41874327.58
1654609300	Connection	AUDIO	Bellcore Issue 6	Level I		0.005121	1.00	.1604	0.005121	195284504.60
1655308021	Connection	CN1	Bellcore Issue 6	Level I		0.004552	1.00	.1426	0.004552	219695067.68
1653007222	Connection	CN2	Bellcore Issue 6	Level I		0.007966	1.00	.2495	0.007966	125540038.67
1653005224	Connection	CN3	Bellcore Issue 6	Level I		0.005690	1.00	.1782	0.005690	175756054.14
1653004222	Connection	CN4	Bellcore Issue 6	Level I		0.004552	1.00	.1426	0.004552	219695067.68
1653020220	Connection	CN6,IDE1	Bellcore Issue 6	Level I		0.022759	2.00	1.4257	0.045518	43939013.54
1300140010	Semiconductor	D12~D14	Bellcore Issue 6	Level I		0.023881	3.00	2.2440	0.071643	41874327.58
1119622111	Capacitor	C20,C21,C36,C37,C42,C48,C49,C-56,C59,C60,C63,C64	Bellcore Issue 6	Level I		0.042673	12.00	16.0393	0.512073	23434140.55
1211103304	Inductor	L1	Bellcore Issue 6	Level I		0.086173	1.00	2.6991	0.086173	11604581.32
1653222200	Connection	IDE2	Bellcore Issue 6	Level I		0.025035	1.00	.7841	0.025035	39944557.76
1653225200	Connection	J2~J5	Bellcore Issue 6	Level I		0.028449	4.00	3.5643	0.113794	35151210.83
1652003101	Connection	J6	Bellcore Issue 6	Level I		0.001707	1.00	.0535	0.001707	585853513.81
1655108110	Connection	J7	Bellcore Issue 6	Level I		0.004552	1.00	.1426	0.004552	219695067.68
1655102110	Connection	J8	Bellcore Issue 6	Level I		0.001138	1.00	.0356	0.001138	878780270.71
1654612304	Connection	KB/MS	Bellcore Issue 6	Level I		0.003414	1.00	.1069	0.003414	292926756.90
1652508202	Connection	LAN	Bellcore Issue 6	Level I		0.004552	1.00	.1426	0.004552	219695067.68
1653013222	Connection	LPT1	Bellcore Issue 6	Level I		0.014793	1.00	.4634	0.014793	67598482.36
1211100600	Inductor	L21	Bellcore Issue 6	Level I		0.086173	1.00	2.6991	0.086173	11604581.32
1211100500	Inductor	L22	Bellcore Issue 6	Level I		0.086173	1.00	2.6991	0.086173	11604581.32
121110100C	Inductor	L23	Bellcore Issue 6	Level I		0.086173	1.00	2.6991	0.086173	11604581.32
1654260203	Connection	PC11	Bellcore Issue 6	Level I		0.068276	1.00	2.1386	0.068276	14646337.85
1654425500	Connection	PRN	Bellcore Issue 6	Level I		0.014224	1.00	.4455	0.014224	70302421.66
1601123600	Switching Device	S1	Bellcore Issue 6	Level I		0.056897	1.00	1.7821	0.056897	17575605.41
1653005225	Connection	USB1,USB2	Bellcore Issue 6	Level I		0.004552	2.00	.2851	0.009104	219695067.68
1653008220	Connection	VGA1	Bellcore Issue 6	Level I		0.009104	1.00	.2851	0.009104	109847533.84
1654418100	Connection	COM1/2,COM3/4	Bellcore Issue 6	Level I		0.010241	2.00	.6416	0.020483	97642252.30
1654415304	Connection	CRT	Bellcore Issue 6	Level I		0.008535	1.00	.2673	0.008535	117170702.76
1169701700	Capacitor	C57,C58	Bellcore Issue 6	Level I		0.004535	2.00	.2841	0.009071	220487045.01
1304100053	Semiconductor	D1	Bellcore Issue 6	Level I		0.004877	1.00	.1527	0.004877	205063180.81

AAEON Reliability Prediction Report

Part Number 969BT02604
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

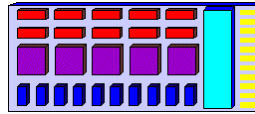


Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 3.192611
MTBF 313,223

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1304100052	Semiconductor	D2	Bellcore Issue 6	Level I		0.004877	1.00	.1527	0.004877	205063180.81
1655003000	Connection	J9	Bellcore Issue 6	Level I		0.001707	1.00	.0535	0.001707	585853513.81
105A7011053	Resistor	R44~R46	Bellcore Issue 6	Level I		0.002268	3.00	.2131	0.006803	440974090.03
105A522033	Resistor	R52,R53	Bellcore Issue 6	Level I		0.002268	2.00	.1421	0.004535	440974090.03
14S3372800	Semiconductor	U1	Bellcore Issue 6	Level I		0.047762	1.00	1.4960	0.047762	20937163.79
1315177810	Semiconductor	U2	Bellcore Issue 6	Level I		0.159207	1.00	4.9867	0.159207	6281149.14
1189610180	Capacitor	C18, C19,C34,C35	Bellcore Issue 6	Level I		0.004535	41.00	5.8244	0.185952	220487045.01
105A518223	Resistor	R19,R30	Bellcore Issue 6	Level I		0.002268	2.00	.1421	0.004535	440974090.03
1144647680	Capacitor	C50	Bellcore Issue 6	Level I		0.042673	1.00	1.3366	0.042673	23434140.55
1540700080	Resistor	LN1~LN4	Bellcore Issue 6	Level I		0.012492	1.00	.3913	0.012492	80051386.00
1174617180	Capacitor	CP1~CP13PCPCPCPCP	Bellcore Issue 6	Level I		0.004535	13.00	1.8468	0.058960	220487045.01
121230805E	Inductor	R1	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A524303	Resistor	R43	Bellcore Issue 6	Level II		0.000756	1.00	.0237	0.000756	1322922270.09
1251025960	Integrated Circuit	U3	Bellcore Issue 6	Level I		0.059366	1.00	1.8595	0.059366	16844654.92
1214309000	Inductor	CO1~CO4	Bellcore Issue 6	Level I		0.002268	4.00	.2841	0.009071	440974090.03
1540710380	Resistor	RP1	Bellcore Issue 6	Level I		0.012492	1.00	.3913	0.012492	80051386.00
1124701650	Capacitor	C1~C3,C51,C52	Bellcore Issue 6	Level I		0.004535	5.00	.7103	0.022677	220487045.01
1123710090	Capacitor	C11,C4	Bellcore Issue 6	Level I		0.004535	2.00	.2841	0.009071	220487045.01
1124701680	Capacitor	C5~C10,C13~C17,C22,C25,C27,C-29~C33,C39,C40,C45~C47,C65,C66	Bellcore Issue 6	Level I		0.004535	25.00	3.5515	0.113385	220487045.01
1124447080	Capacitor	C13	Bellcore Issue 6	Level I		0.004535	1.00	.1421	0.004535	220487045.01
1143610080	Capacitor	C23,C26,C38,C55	Bellcore Issue 6	Level I		0.004535	4.00	.5682	0.018142	220487045.01
1124433080	Capacitor	C24,C28	Bellcore Issue 6	Level I		0.004535	2.00	.2841	0.009071	220487045.01
1124522180	Capacitor	C41	Bellcore Issue 6	Level I		0.004535	1.00	.1421	0.004535	220487045.01
1147647080	Capacitor	C43,C44	Bellcore Issue 6	Level I		0.004535	2.00	.2841	0.009071	220487045.01
1124510280	Capacitor	C53	Bellcore Issue 6	Level I		0.004535	1.00	.1421	0.004535	220487045.01
1124410180	Capacitor	C54	Bellcore Issue 6	Level I		0.004535	1.00	.1421	0.004535	220487045.01
1125501760	Capacitor	C61	Bellcore Issue 6	Level I		0.004535	1.00	.1421	0.004535	220487045.01
11E2547690	Capacitor	C72,C73	Bellcore Issue 6	Level I		0.004535	2.00	.2841	0.009071	220487045.01
1301003640	Semiconductor	D3~D9	Bellcore Issue 6	Level I		0.023881	7.00	5.2361	0.167167	41874327.58
1213101218	Inductor	LN9	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03

AAEON Reliability Prediction Report

Part Number 969BT02604
Reference Des
Date 11. 11, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description
File Name AEC-6910.RPJ
Time 4:20 下午
Failure Rate 3.192611
MTBF 313,223

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
121230805H	Inductor	L2,L24~L26,L28,L29,L4	Bellcore Issue 6	Level I		0.002268	7.00	.4972	0.015874	440974090.03
1212306033	Inductor	L13~L20	Bellcore Issue 6	Level I		0.002268	8.00	.5682	0.018142	440974090.03
1315567011	Semiconductor	Q1~Q6	Bellcore Issue 6	Level I		0.079603	6.00	14.9602	0.477620	12562298.27
1315567010	Semiconductor	Q7	Bellcore Issue 6	Level I		0.079603	1.00	2.4934	0.079603	12562298.27
1059700001	Resistor	R27,R36,R4,R6	Bellcore Issue 6	Level I		0.002268	4.00	.2841	0.009071	440974090.03
105A733003	Resistor	R13,R14	Bellcore Issue 6	Level I		0.002268	2.00	.1421	0.004535	440974090.03
1054600289	Resistor	R16,R22	Bellcore Issue 6	Level I		0.002268	2.00	.1421	0.004535	440974090.03
1050597623	Resistor	R18	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
1059501001	Resistor	R20	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A556223	Resistor	R26,R28	Bellcore Issue 6	Level I		0.002268	2.00	.1421	0.004535	440974090.03
1059710051	Resistor	R31	Bellcore Issue 6	Level I		0.013606	1.00	.4262	0.013606	73495681.67
1059700101	Resistor	R32	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A705153	Resistor	R33,R35	Bellcore Issue 6	Level I		0.013606	2.00	.8524	0.027212	73495681.67
105A515033	Resistor	R34	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A704733	Resistor	R37,R56	Bellcore Issue 6	Level I		0.002268	2.00	.1421	0.004535	440974090.03
105A501033	Resistor	R38	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A510033	Resistor	R39	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A539203	Resistor	R40	Bellcore Issue 6	Level I		0.002268	1.00	.0710	0.002268	440974090.03
105A700003	Resistor	R12,R15,R17,R23~R25,R29,R42,R-43,R47~R51,R7	Bellcore Issue 6	Level I		0.002268	15.00	1.0654	0.034016	440974090.03
165302020B	Connection	J2	Bellcore Issue 6	Level I		0.022759	1.00	.7129	0.022759	43939013.54
1653040202	Connection	J1	Bellcore Issue 6	Level I		0.045518	1.00	1.4257	0.045518	21969506.77