

PFM-550S

Reliability Prediction Report

(MTBF)

Report NO : 06E070015

9-22-2006

Issue Date

Wenyuan Yang

Manager

Jessica Chou

Test Engineer

Reliability Prediction (MTBF)

I . **Model Name:** PFM-550S

II . **Prediction Date:** Sep. 22, 2006

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

IV . **Predicted by:** Jessica Chou

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

VI. Simulation Environment:

- Temperature: 26.8 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:

- PFM-550S
 - Failure Rate: 9.435104 ppm
 - MTBF: 105,987 Hours

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80



Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
PFM-550S	9697550S02	Belcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	9.435104	105,987

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80



Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653003100	Connection	CN20,JP1,JP4-JP6	Bellcore Issue 6	Level I		0.001874	5.00	.0993	0.009371	533563025.49
1653120221	Connection	CN12	Bellcore Issue 6	Level I		0.024989	1.00	.2649	0.024989	40017226.91
1653132225	Connection	CN12	Bellcore Issue 6	Level I		0.039983	1.00	.4238	0.039983	25010766.82
1653300100	Connection	JP1,JP6	Bellcore Issue 6	Level I		0.001249	2.00	.0265	0.002499	800344538.24
1653300101	Connection	JP4,JP5	Bellcore Issue 6	Level I		0.001249	2.00	.0265	0.002499	800344538.24
1653300102	Connection	JP2(3-5)(4-6)	Bellcore Issue 6	Level I		0.001249	2.00	.0265	0.002499	800344538.24
1653003205	Connection	JP2	Bellcore Issue 6	Level I		0.003748	1.00	.0397	0.003748	266781512.75
1653003207	Connection	JP3	Bellcore Issue 6	Level I		0.003748	1.00	.0397	0.003748	266781512.75
1655306023	Connection	CN15	Bellcore Issue 6	Level I		0.003748	1.00	.0397	0.003748	266781512.75
1653130426	Connection	CN11	Bellcore Issue 6	Level I		0.074968	1.00	.7946	0.074968	13339075.64
1655902030	Connection	CN9	Bellcore Issue 6	Level I		0.001249	1.00	.0132	0.001249	800344538.24
175011901C	Miscellaneous	CN9	Bellcore Issue 6	Level I		0.900000	1.00	9.5388	0.900000	1111111.11
1652202202	Connection	CN10	Bellcore Issue 6	Level I		0.001249	1.00	.0132	0.001249	800344538.24
1653022101	Connection	CN13	Bellcore Issue 6	Level I		0.013744	1.00	.1457	0.013744	72758594.39
105A501033	Resistor	R225,R258,R259,R329,R76	Bellcore Issue 6	Level I		0.002349	5.00	.1245	0.011743	425781542.03
105A512103	Resistor	R220,R234,R235	Bellcore Issue 6	Level I		0.002349	3.00	.0747	0.007046	425781542.03
105A702203	Resistor	FB12,FB14,FB15,FB9,R122,R123,- R130,R158,R159,R162,R163,R186- -R189,R217	Bellcore Issue 6	Level I		0.002349	16.00	.3983	0.037578	425781542.03
105A702223	Resistor	R149,R155	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
1059700001	Resistor	FB10,FB19-FB25,FB32-FB37,FB4,- FB40,FB42,FB43,FB5,FB53,FB55,- FB57,FB58,FB6	Bellcore Issue 6	Level I		0.002349	24.00	.5974	0.056367	425781542.03
1059700001	Resistor	FB8,R114,R132,R229	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
1059700101	Resistor	R145,R146,R201,R208	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
105A500133	Resistor	R136,R343	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
105A501633	Resistor	R67	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
105A502833	Resistor	R306	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
105A510033	Resistor	R256,R271,R305,R351	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
105A533003	Resistor	R194,R196	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
105A560423	Resistor	R300	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
105A706823	Resistor	R119,R129	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80



Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
106B701031	Resistor	RT1,RT2	Bellcore Issue 6	Level I		0.012495	2.00	.2649	0.024989	80034453.82
105A514003	Resistor	R140	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
1211102200	Inductor	FB26	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
105A504723	Resistor	R120,R131,R248,R270,R327,R342-R345	Bellcore Issue 6	Level I		0.002349	7.00	.1742	0.016440	425781542.03
1231332721	Miscellaneous	X2	Bellcore Issue 6	Level I		0.150000	1.00	1.5898	0.150000	6666666.67
1121501680	Capacitor	C30	Bellcore Issue 6	Level I		0.004697	1.00	.0498	0.004697	212890771.02
1124422080	Capacitor	C294,C295,C88,C95	Bellcore Issue 6	Level I		0.004697	4.00	.1991	0.018789	212890771.02
1124420080	Capacitor	C223,C225	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
1124533080	Capacitor	C63,C72	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
1540722080	Resistor	RN16-RN19	Bellcore Issue 6	Level I		0.006778	4.00	.2874	0.027114	147526810.38
1301005440	Semiconductor	D10,D17,D7-D9	Bellcore Issue 6	Level I		0.025141	5.00	1.3323	0.125705	39775534.49
14S3000300	Inductor	U3	Bellcore Issue 6	Level I		0.112731	1.00	1.1948	0.112731	8870650.25
1124568080	Capacitor	C107,C116,C263,C357,C57,C58	Bellcore Issue 6	Level I		0.004697	6.00	.2987	0.028183	212890771.02
14S4070610	Integrated Circuit	U28	Bellcore Issue 6	Level I		0.067668	1.00	.7172	0.067668	14778061.88
1651203291	Connection	U17	Bellcore Issue 6	Level I		0.019991	1.00	.2119	0.019991	50021533.64
1651572990	Connection	DIMM1	Bellcore Issue 6	Level I		0.089961	1.00	.9535	0.089961	11115896.36
1653925210	Connection	CN19	Bellcore Issue 6	Level I		0.031237	1.00	.3311	0.031237	32013781.53
14S4048501	Integrated Circuit	U2	Bellcore Issue 6	Level I	9.80	0.134361	1.00	1.4241	0.134361	7442617.31
14S4048501	Integrated Circuit	U4	Bellcore Issue 6	Level I		0.067668	1.00	.7172	0.067668	14778061.88
1301005442	Semiconductor	D18,D6	Bellcore Issue 6	Level I		0.025141	2.00	.5329	0.050282	39775534.49
14S4021310	Integrated Circuit	U25,U26	Bellcore Issue 6	Level I		0.067668	2.00	1.4344	0.135336	14778061.88
1129610260	Capacitor	C341	Bellcore Issue 6	Level I		0.004697	1.00	.0498	0.004697	212890771.02
14S5A01400	Integrated Circuit	U10	Bellcore Issue 6	Level I		0.067668	1.00	.7172	0.067668	14778061.88
105A512703	Resistor	R135	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
105A505633	Resistor	R308,R310	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
14S3020100	Integrated Circuit	U11	Bellcore Issue 6	Level I		0.067668	1.00	.7172	0.067668	14778061.88
105A527463	Resistor	FB2,FB3,FB44,FB45,FB49-FB52	Bellcore Issue 6	Level I		0.002349	8.00	.1991	0.018789	425781542.03
1122710080	Capacitor	C12,C122,C130,C152,C153,C156,-C205,C224,C235,C236,C240,C293-C40-C42,C92	Bellcore Issue 6	Level I		0.004697	14.00	.6970	0.065761	212890771.02
1122710080	Capacitor	R138,R139	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80

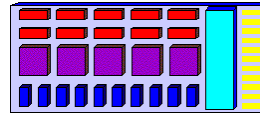


Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A503300	Resistor	R138,R139	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
1540710382	Resistor	RN24	Bellcore Issue 6	Level I		0.006778	1.00	.0718	0.006778	147526810.38
1540747285	Resistor	RN1,RN11-RN13,RN15,RN2,RN20- RN23,RN25,RN26,RN3,RN30,RN4- RN9	Bellcore Issue 6	Level I		0.006778	18.00	1.2932	0.122012	147526810.38
1540733085	Resistor	RN27,RN31-RN37	Bellcore Issue 6	Level I		0.006778	8.00	.5747	0.054227	147526810.38
1540733181	Resistor	RN21,RN22	Bellcore Issue 6	Level I		0.006778	2.00	.1437	0.013557	147526810.38
1540722281	Resistor	RN10,RN14	Bellcore Issue 6	Level I		0.006778	2.00	.1437	0.013557	147526810.38
1149647050	Capacitor	TC8	Bellcore Issue 6	Level I		0.004697	1.00	.0498	0.004697	212890771.02
105A504733	Resistor	R209,R224,R307,R309	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
105A501823	Resistor	R275	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
105A708229	Resistor	R134,R221,R297,R7	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
105A704729	Resistor	R100,R108,R115,R116,R150,R156- R193,R195,R197,R20,R206,R213,- R219,R22	Bellcore Issue 6	Level I		0.002349	14.00	.3485	0.032881	425781542.03
105A704729	Resistor	R231,R238,R252,R255,R26,R272,- R282,R295,R299,R304,R332,R337- R349,R360	Bellcore Issue 6	Level I		0.002349	14.00	.3485	0.032881	425781542.03
105A704729	Resistor	R366,R46,R48,R77,R8,R82,R87,R- 90,R91	Bellcore Issue 6	Level I		0.002349	9.00	.2240	0.021138	425781542.03
105A700009	Resistor	R10,R102,R106,R111,R137,R148,- R154,R160,R172,R174,R178,R21,- R211,R226	Bellcore Issue 6	Level I		0.002349	14.00	.3485	0.032881	425781542.03
105A700009	Resistor	R232,R245,R25,R268,R284-R289,- R294,R298,R301,R312,R314,R338- R357,R363	Bellcore Issue 6	Level I		0.002349	18.00	.4481	0.042275	425781542.03
105A700009	Resistor	R38,R41,R42,R71,R78,R89,R93-R- 96	Bellcore Issue 6	Level I		0.002349	10.00	.2489	0.023486	425781542.03
105A701069	Resistor	R237	Bellcore Issue 6	Level I		0.014092	1.00	.1494	0.014092	70963590.34
105A701009	Resistor	R109,R215,R51,R52,R59,R60	Bellcore Issue 6	Level I		0.002349	6.00	.1494	0.014092	425781542.03
105A702229	Resistor	R171,R173,R303,R4,R47,R5,R72,- R98	Bellcore Issue 6	Level I		0.002349	8.00	.1991	0.018789	425781542.03
105A733009	Resistor	R190,R191,R210,R228,R236,R242- R250,R266,R313,R315	Bellcore Issue 6	Level I		0.002349	10.00	.2489	0.023486	425781542.03
1129710090	Capacitor	C77-C79	Bellcore Issue 6	Level I		0.004697	3.00	.1494	0.014092	212890771.02
1129710390	Capacitor	C111,C117,C204,C218,C234,C321- C322,C98,C99	Bellcore Issue 6	Level I		0.004697	9.00	.4481	0.042275	212890771.02

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80

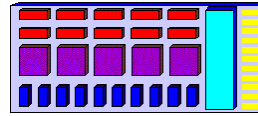


Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1129701790	Capacitor	C139,C188,C190,C191,C195,C214-C215,C74,C75,C80	Bellcore Issue 6	Level I		0.004697	10.00	.4978	0.046972	212890771.02
1129747090	Capacitor	C311,C312,C333,C335-C337,C44,-C45,C47,C48,C67,C69,C76,C8,C81-C84,C9	Bellcore Issue 6	Level I		0.004697	17.00	.8463	0.079853	212890771.02
14S5A00401	Integrated Circuit	U23,U5	Bellcore Issue 6	Level I		0.043654	2.00	.9254	0.087308	22907379.64
1310390412	Semiconductor	Q1,Q13,Q17-Q19,Q23	Bellcore Issue 6	Level I		0.025141	6.00	1.5988	0.150846	39775534.49
1315970110	Semiconductor	FS1-FS4	Bellcore Issue 6	Level I		0.083804	4.00	3.5528	0.335214	11932660.35
1759100006	Miscellaneous	BUZZ1	Bellcore Issue 6	Level I		0.150000	1.00	1.5898	0.150000	6666666.67
105A524363	Resistor	R230	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
1315002010	Semiconductor	Q14,Q16,Q20,Q6,Q8	Bellcore Issue 6	Level I		0.083804	5.00	4.4411	0.419018	11932660.35
1121610060	Capacitor	C330,C340	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
14S5A12503	Integrated Circuit	U24	Bellcore Issue 6	Level I		0.043654	1.00	.4627	0.043654	22907379.64
105A568103	Resistor	R192	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
1311119710	Semiconductor	Q15	Bellcore Issue 6	Level I		0.025141	1.00	.2665	0.025141	39775534.49
1304101340	Semiconductor	D3-D5	Bellcore Issue 6	Level I		0.005743	3.00	.1826	0.017230	174113278.25
105A505629	Resistor	R339,R352	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
105A747009	Resistor	R243,R263,R291-R293,R344	Bellcore Issue 6	Level I		0.002349	6.00	.1494	0.014092	425781542.03
105A507509	Resistor	R105,R126-R128,R152,R199,R3,R-320,R321,R6	Bellcore Issue 6	Level I		0.002349	10.00	.2489	0.023486	425781542.03
105A501539	Resistor	R1,R2,R207,R223,R316,R317,R323-R326	Bellcore Issue 6	Level I		0.002349	10.00	.2489	0.023486	425781542.03
1124547190	Capacitor	C231,C66,C71,C86	Bellcore Issue 6	Level I		0.004697	4.00	.1991	0.018789	212890771.02
105A549969	Resistor	R11-R14	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
105A500139	Resistor	R142,R144,R151,R198,R200,R245-R273,R29,R31,R318,R319,R335,R-63,R64,R79	Bellcore Issue 6	Level I		0.002349	15.00	.3734	0.035229	425781542.03
105A500139	Resistor	R81,R9	Bellcore Issue 6	Level I		0.002349	2.00	.0498	0.004697	425781542.03
105A501039	Resistor	R153,R183,R227,R244,R265,R278-R279,R348,R74,R75,R85,R86,R99	Bellcore Issue 6	Level I		0.002349	13.00	.3236	0.030532	425781542.03
14S824A302	Integrated Circuit	U20	Bellcore Issue 6	Level I	20.40	0.132381	1.00	1.4031	0.132381	7553974.07
105A500239	Resistor	R264,R267,R296,R302	Bellcore Issue 6	Level I		0.002349	4.00	.0996	0.009394	425781542.03
105A503309	Resistor	R203,R205,R214,R253,R330,R331-R333,R334,R336,R340,R341,R346-R350,R353	Bellcore Issue 6	Level I		0.002349	14.00	.3485	0.032881	425781542.03

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80

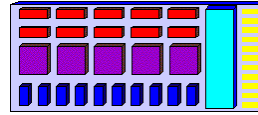


Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A503309	Resistor	R354-R356,R44,R83,R84	Bellcore Issue 6	Level I		0.002349	6.00	.1494	0.014092	425781542.03
105A515009	Resistor	R104,R147,R176,R177,R185	Bellcore Issue 6	Level I		0.002349	5.00	.1245	0.011743	425781542.03
1315030210	Semiconductor	Q21,Q22	Bellcore Issue 6	Level I		0.083804	2.00	1.7764	0.167607	11932660.35
1124412090	Capacitor	C254,C266,C281	Bellcore Issue 6	Level I		0.004697	3.00	.1494	0.014092	212890771.02
1124522190	Capacitor	C2,C3,C315-C317,C319,C323-C325-,C349,C350,C352,C353,C4-C6	Bellcore Issue 6	Level I		0.004697	16.00	.7966	0.075156	212890771.02
1124468090	Capacitor	C200,C238,C241,C246,C259,C318-,C35,C36,C38,C39,C46	Bellcore Issue 6	Level I		0.004697	11.00	.5476	0.051670	212890771.02
1189615187	Capacitor	TC5	Bellcore Issue 6	Level I	20.50	0.006811	1.00	.0722	0.006811	146831749.94
1189615187	Capacitor	TC6	Bellcore Issue 6	Level I		0.004697	1.00	.0498	0.004697	212890771.02
1189615187	Capacitor	TC7	Bellcore Issue 6	Level I	20.80	0.006845	1.00	.0726	0.006845	146087189.06
1129610051	Capacitor	C101,C102,C112,C115,C127,C131-,C149,C154,C155,C184,C212,C213-,C216,C222	Bellcore Issue 6	Level I		0.004697	14.00	.6970	0.065761	212890771.02
1129610051	Capacitor	C239,C244,C248,C25,C265,C27,C-,271,C29,C292,C305,C309,C31,C33-,8,C359,C360	Bellcore Issue 6	Level I		0.004697	15.00	.7468	0.070459	212890771.02
1129610051	Capacitor	C55,C61,C62,C64,C65,C82,C83,C-,90,C96,C97	Bellcore Issue 6	Level I		0.004697	10.00	.4978	0.046972	212890771.02
1653222209	Connection	CN1	Bellcore Issue 6	Level I		0.027488	1.00	.2913	0.027488	36379297.19
1050556269	Resistor	R112	Bellcore Issue 6	Level I		0.002349	1.00	.0249	0.002349	425781542.03
14S5A12505	Integrated Circuit	U1	Bellcore Issue 6	Level I		0.043654	1.00	.4627	0.043654	22907379.64
14S2705700	Integrated Circuit	U12	Bellcore Issue 6	Level I		0.067668	1.00	.7172	0.067668	14778061.88
14S2705700	Integrated Circuit	U14	Bellcore Issue 6	Level I	21.20	0.283084	1.00	3.0003	0.283084	3532517.66
1314158210	Integrated Circuit	U15	Bellcore Issue 6	Level I	25.40	0.367648	1.00	3.8966	0.367648	2719994.18
1050502204	Resistor	R249,R27,R30,R311,R33-R37,R40-,R43,R45,R49,R50,R54-R57,R61	Bellcore Issue 6	Level I		0.002349	19.00	.4730	0.044624	425781542.03
11C2510190	Capacitor	C1,C304	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
11E9501090	Capacitor	C103,C104,C109,C114,C123,C125-,C126,C132,C136-C138,C144,C146-,C148,C16	Bellcore Issue 6	Level I		0.004697	15.00	.7468	0.070459	212890771.02
11E9501090	Capacitor	C160,C162-C165,C167-C169,C174-,C176-C178,C18,C185,C196,C201-,C203,C209	Bellcore Issue 6	Level I		0.004697	18.00	.8961	0.084550	212890771.02
11E9501090	Capacitor	C230,C237,C24,C275,C276,C28,C-,289,C290,C299-C301,C355,C358-,C60,C7	Bellcore Issue 6	Level I		0.004697	15.00	.7468	0.070459	212890771.02

AAEON Reliability Prediction Report

Part Number 9697550S02
Reference Des
Date 09. 22, 2006
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 26.80



Description Top-level assembly
File Name PFM-550S.RPJ
Time 11:01 上午
Failure Rate 9.435104
MTBF 105,987

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
11C1501080	Capacitor	C326-C329,C334,C343,C344,C348	Bellcore Issue 6	Level I		0.004697	8.00	.3983	0.037578	212890771.02
1189622189	Capacitor	TC1,TC4	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
1314108610	Integrated Circuit	Q11	Bellcore Issue 6	Level I	24.10	0.339321	1.00	3.5964	0.339321	2947062.25
1189622190	Capacitor	TC2,TC3	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
1121501690	Capacitor	C106,C108,C110,C113,C118,C124,- C128,C129,C13,C133-C135,C14,C- 140-C143	Bellcore Issue 6	Level I		0.004697	17.00	.8463	0.079853	212890771.02
1121501690	Capacitor	C145,C147,C15,C157-C159,C161,- C166,C170-C173,C175,C179-C183- C186,C187	Bellcore Issue 6	Level I		0.004697	20.00	.9957	0.093945	212890771.02
1121501690	Capacitor	C189,C19,C192-C194,C197-C199,- C202,C206-C208,C21,C210,C211,- C217,C219,C22	Bellcore Issue 6	Level I		0.004697	18.00	.8961	0.084550	212890771.02
1121501690	Capacitor	C220,C221,C226,C228,C229,C23,- C233,C242,C245,C247,C249-C253- C255,C257	Bellcore Issue 6	Level I		0.004697	17.00	.8463	0.079853	212890771.02
1121501690	Capacitor	C258,C260,C262,C267-C270,C272- -C274,C277-C280,C291,C298,C302- C303,C306	Bellcore Issue 6	Level I		0.004697	19.00	.9459	0.089248	212890771.02
1121501690	Capacitor	C307,C308,C314,C320,C331,C332- C339,C342,C345-C347,C351,C356- C37,C49,C50	Bellcore Issue 6	Level I		0.004697	16.00	.7966	0.075156	212890771.02
1121501690	Capacitor	C51-C53,C56,C59,C68,C70,C73,C- 87,C94	Bellcore Issue 6	Level I		0.004697	10.00	.4978	0.046972	212890771.02
1129522790	Capacitor	C100,C89	Bellcore Issue 6	Level I		0.004697	2.00	.0996	0.009394	212890771.02
14S5824501	Integrated Circuit	U16,U19	Bellcore Issue 6	Level I		0.043654	2.00	.9254	0.087308	22907379.64
123131435B	Miscellaneous	X4	Bellcore Issue 6	Level I		0.150000	1.00	1.5898	0.150000	6666666.67
1231325058	Miscellaneous	X1	Bellcore Issue 6	Level I		0.150000	1.00	1.5898	0.150000	6666666.67
14S4810002	Integrated Circuit	U8	Bellcore Issue 6	Level I	16.40	0.107709	1.00	1.1416	0.107709	9284238.14
14S5A00703	Integrated Circuit	U27	Bellcore Issue 6	Level I	14.10	0.095437	1.00	1.0115	0.095437	10478112.08
14S4053300	Integrated Circuit	U9	Bellcore Issue 6	Level I	17.80	0.115840	1.00	1.2278	0.115840	8632564.30
14S3917900	Integrated Circuit	Q10	Bellcore Issue 6	Level I		0.067668	1.00	.7172	0.067668	14778061.88
14S3424100	Integrated Circuit	U7	Bellcore Issue 6	Level I	16.20	0.205515	1.00	2.1782	0.205515	4865835.10
165320520C	Connection	CN3-CN5,CN7,CN8	Bellcore Issue 6	Level I		0.006247	5.00	.3311	0.031237	160068907.65
165320820D	Connection	CN16	Bellcore Issue 6	Level I		0.009996	1.00	.1059	0.009996	100043067.28
165321320E	Connection	CN2	Bellcore Issue 6	Level I		0.016243	1.00	.1722	0.016243	61564964.48

