

# **PFM-540I Ver.B Reliability Prediction Report (MTBF)**

Report NO : 08E070017

**06-17-2008**

Issue Date

**Wenyuan Yang**

Manager

**Jessica Chou**

Test Engineer

## Reliability Prediction (MTBF)

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I . **Model Name:** PFM-540I-B10

II . **Prediction Date:** Jun. 17, 2008

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

IV . **Predicted by:** Jessica Chou

V . **Simulation Environment:**

- Temperature: 25.1 degree C
- Standard: Telcordia (Bellcore) Standard

VI . **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.

VII . **Prediction Result:**

PFM-540I-B10 :

Failure Rate: 10.067718 ppm

MTBF: 99,327 Hours

### AAEON Reliability Prediction Report

**Part Number** 9697540111-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10



**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
PFM-540I-B10	9697540111-DIP	Belcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	10.067718	99,327

### AAEON Reliability Prediction Report

**Part Number** 9697540I11-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10



**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653003100	Connection	CN3	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1653003101	Connection	JP1	Bellcore Issue 6	Level I		0.001716	1.00	.0170	0.001716	582801184.63
1653003201	Connection	JP2,JP3	Bellcore Issue 6	Level I		0.003432	2.00	.0682	0.006863	291400592.32
1653120221	Connection	CN7	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1653132225	Connection	CN7	Bellcore Issue 6	Level I		0.036605	1.00	.3636	0.036605	27318805.53
1653300102	Connection	JP1	Bellcore Issue 6	Level I		0.001144	1.00	.0114	0.001144	874201776.95
1655004110	Connection	CN12	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1653022100	Connection	CN1	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1655306023	Connection	CN2	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1655902030	Connection	BAT1	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
175011901C	Miscellaneous	BAT1	Bellcore Issue 6	Level I		0.900000	1.00	8.9395	0.900000	1111111.11
1653300107	Connection	JP2	Bellcore Issue 6	Level I		0.001144	1.00	.0114	0.001144	874201776.95
1653300108	Connection	JP3	Bellcore Issue 6	Level I		0.001144	1.00	.0114	0.001144	874201776.95
105A512113	Resistor	R208	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
105A700003	Resistor	R105,R123,R131,R145,R149,R161-R178,R237,R257,R261,R263,R311	Bellcore Issue 6	Level I		0.002272	12.00	.2708	0.027266	440111121.05
105A700003	Resistor	R26,R264,R280,R30,R45,R66,R78-R80,R88,R93,R99	Bellcore Issue 6	Level I		0.002272	12.00	.2708	0.027266	440111121.05
1059700001	Resistor	R148,R252,R83	Bellcore Issue 6	Level I		0.002272	3.00	.0677	0.006816	440111121.05
105A503323	Resistor	R56,R295	Bellcore Issue 6	Level I		0.002272	2.00	.0451	0.004544	440111121.05
1231332721	Miscellaneous	Y1	Bellcore Issue 6	Level I		0.150000	1.00	1.4899	0.150000	6666666.67
1124427080	Capacitor	C286,C287	Bellcore Issue 6	Level I		0.004544	2.00	.0903	0.009089	220055560.52
1301005440	Semiconductor	D12,D2	Bellcore Issue 6	Level I		0.023950	2.00	.4758	0.047899	41754194.40
1300001440	Semiconductor	D14-D16	Bellcore Issue 6	Level I		0.023950	3.00	.7137	0.071849	41754194.40
1301005441	Semiconductor	D7	Bellcore Issue 6	Level I		0.023950	1.00	.2379	0.023950	41754194.40
1301005441	Semiconductor	D5-D6	Bellcore Issue 6	Level I		0.023950	2.00	.4758	0.047899	41754194.40
14S3000300	Inductor	TF1	Bellcore Issue 6	Level I		0.136329	1.00	1.3541	0.136329	7335185.35
14S4021301	Integrated Circuit	U11	Bellcore Issue 6	Level I	16.80	0.191273	1.00	1.8999	0.191273	5228126.61
14S4021301	Integrated Circuit	U30,U31	Bellcore Issue 6	Level I		0.059802	2.00	1.1880	0.119604	16721916.86
14S4021301	Integrated Circuit	U9	Bellcore Issue 6	Level I		0.059802	1.00	.5940	0.059802	16721916.86
1651203291	Connection	SKT1	Bellcore Issue 6	Level I		0.018302	1.00	.1818	0.018302	54637611.06
1653205201	Connection	CN10,CN13,CN14,CN11,CN16	Bellcore Issue 6	Level I		0.022878	5.00	1.1362	0.114390	43710088.85

**AAEON Reliability Prediction Report**

**Part Number** 9697540I11-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10

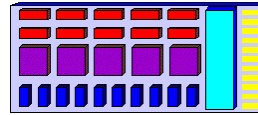


**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653925210	Connection	CFD1	Bellcore Issue 6	Level I		0.028598	1.00	.2841	0.028598	34968071.08
14S6334610	Integrated Circuit	U23	Bellcore Issue 6	Level I		0.030823	1.00	.3062	0.030823	32443707.38
1301005442	Semiconductor	D8	Bellcore Issue 6	Level I		0.023950	1.00	.2379	0.023950	41754194.40
1305104040	Semiconductor	D17-D24	Bellcore Issue 6	Level I		0.023950	8.00	1.9031	0.191598	41754194.40
1310390410	Semiconductor	Q12,Q16	Bellcore Issue 6	Level I		0.023950	2.00	.4758	0.047899	41754194.40
1129610260	Capacitor	HC1	Bellcore Issue 6	Level I		0.004544	1.00	.0451	0.004544	220055560.52
14S5A01400	Integrated Circuit	U13,U25	Bellcore Issue 6	Level I		0.059802	2.00	1.1880	0.119604	16721916.86
105A561909	Resistor	R300	Bellcore Issue 6	Level I		0.002272	2.00	.0451	0.004544	440111121.05
105A503423	Resistor	R138	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
105A554969	Resistor	R240-R243	Bellcore Issue 6	Level I		0.002272	4.00	.0903	0.009089	440111121.05
1540710382	Resistor	RP1,RP10-RP20,RP2,RP23,RP25,- RP28,RP3,RP44,RP48,RP5,RP51,- RP6,RP7-RP9,RP77,RP80	Bellcore Issue 6	Level I		0.006275	27.00	1.6827	0.169414	159372657.61
1540733085	Resistor	RP21,RP22,RP24,RP26,RP27,RP2- 9,RP30,RP32,RP38,RP39,RP4,RP- 43,RP52-RP54,RP64,RP73-RP75	Bellcore Issue 6	Level I		0.006275	19.00	1.1842	0.119217	159372657.61
1540733085	Resistor	RP56,RP57,RP60,RP63,RP65,RP66	Bellcore Issue 6	Level I		0.006275	6.00	.3739	0.037648	159372657.61
1540747285	Resistor	RP76,RP78,RP79,RP81	Bellcore Issue 6	Level I		0.006275	4.00	.2493	0.025098	159372657.61
105A700103	Resistor	R151,R155,R186,R205,R282,R76,- R85	Bellcore Issue 6	Level I		0.002272	7.00	.1580	0.015905	440111121.05
105A506823	Resistor	R238	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
1540722085	Resistor	RP31,RP33,RP34,RP36,RP41,RP4- 2,RP45,RP47,RP49,RP58,RP61,R- P67-RP72	Bellcore Issue 6	Level I		0.006275	17.00	1.0595	0.106668	159372657.61
105A700139	Resistor	R101,R106,R127,R134,R136,R174- ,R182,R310,R212,R28,R285,R42,R- 8,R306,R317,R322	Bellcore Issue 6	Level I		0.002272	16.00	.3611	0.036354	440111121.05
105A700139	Resistor	R87,R89,R9,R91	Bellcore Issue 6	Level I		0.002272	4.00	.0903	0.009089	440111121.05
105A704729	Resistor	R1,R142,R143,R153,R16,R162,R1- 81,R254,R259	Bellcore Issue 6	Level I		0.002272	9.00	.2031	0.020449	440111121.05
105A704729	Resistor	R267,R269,R271,R3,R62,R68,R69- ,R7,R315,R316,R323,R326-R328	Bellcore Issue 6	Level I		0.002272	14.00	.3160	0.031810	440111121.05
105A700009	Resistor	R100,R116,R124,R129,R137,R144- ,R146,R173,R175,R187,R195,R200- ,R201,R202	Bellcore Issue 6	Level I		0.002272	14.00	.3160	0.031810	440111121.05
105A710039	Resistor	R294,R304	Bellcore Issue 6	Level I		0.002272	2.00	.0451	0.004544	440111121.05

### AAEON Reliability Prediction Report

**Part Number** 9697540111-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10



**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A700009	Resistor	R210,R246,R25,R57,R60,R65,R288-R289,R301,R324	Bellcore Issue 6	Level I		0.002272	10.00	.2257	0.022722	440111121.05
105A701039	Resistor	R107,R109,R126,R140,R156-R157-,R164,R168,R169,R171,R177,R179-,R19,R2,R206	Bellcore Issue 6	Level I		0.002272	16.00	.3611	0.036354	440111121.05
105A701039	Resistor	R215,R221,R248,R29,R31,R32,R36-R38,R4,R43,R44,R46-R48,R50-R53	Bellcore Issue 6	Level I		0.002272	19.00	.4288	0.043171	440111121.05
105A703309	Resistor	R111,R112,R139,R147,R152,R154-,R160,R166,R172,R176,R185,R194-,R196,R197	Bellcore Issue 6	Level I		0.002272	14.00	.3160	0.031810	440111121.05
105A703309	Resistor	R218,R219,R84,R90,R95	Bellcore Issue 6	Level I		0.002272	5.00	.1128	0.011361	440111121.05
105A733009	Resistor	R214,R253,R27,R33,R39,R40,R49-,R191,R297	Bellcore Issue 6	Level I		0.002272	9.00	.2031	0.020449	440111121.05
105A747003	Resistor	R319,R320	Bellcore Issue 6	Level I		0.002272	2.00	.0451	0.004544	440111121.05
1121501690	Capacitor	C102,C105,C109,C11,C12,C120,C-127,C13,C135,C15,C153,C155,C15-7,C165,C168,C17,C172,C173,C18-,C195,C196,C2,C209,C233	Bellcore Issue 6	Level I		0.004544	24.00	1.0833	0.109063	220055560.52
1121501690	Capacitor	C26,C272,C298,C30,C300,C307,C-309,C310,C313,C314,C316,C318,C-319,C32,C320,C323,C324,C326,C3-28,C33,C332,C334,C337	Bellcore Issue 6	Level I		0.004544	23.00	1.0382	0.104519	220055560.52
1121501690	Capacitor	C338,C35,C350,C36,C366,C368,C-369,C371-C373,C375,C377-C381-,C39,C43,C46,C47,C5,C50,C52-C57-,C6,C61,C65,C69-C71,C73	Bellcore Issue 6	Level I		0.004544	35.00	1.5798	0.159051	220055560.52
1121501690	Capacitor	C76,C79,C81-C84,C86,C90,C94-C-98	Bellcore Issue 6	Level I		0.004544	13.00	.5868	0.059076	220055560.52
1129710390	Capacitor	C104,C112,C115,C124,C126,C176-,C187,C188,C191,C194,C203,C205-,C210,C237	Bellcore Issue 6	Level I		0.004544	14.00	.6319	0.063620	220055560.52
1129710390	Capacitor	C274,C293,C301,C325,C63	Bellcore Issue 6	Level I		0.004544	5.00	.2257	0.022722	220055560.52
1129701790	Capacitor	C103,C106,C107,C110,C111,C118-,C134,C142,C143,C178,C182,C190-,C197,C202,C374	Bellcore Issue 6	Level I		0.004544	15.00	.6771	0.068165	220055560.52
1129701790	Capacitor	C206,C208,C211,C216,C217,C219-,C225,C230,C234,C239,C244,C246-,C252,C253	Bellcore Issue 6	Level I		0.004544	19.00	.8576	0.086342	220055560.52
1129701790	Capacitor	C255,C257,C261,C265,C269,C271-,C279,C304,C327,C91-C93	Bellcore Issue 6	Level I		0.004544	12.00	.5416	0.054532	220055560.52



### AAEON Reliability Prediction Report

**Part Number** 9697540I11-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10



**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1124522190	Capacitor	C341-C343,C354-C357,C37,C40,C-41,C77,C85,C382-C389	Bellcore Issue 6	Level I		0.004544	20.00	.9027	0.090886	220055560.52
1124522280	Capacitor	C390	Bellcore Issue 6	Level I		0.004544	1.00	.0451	0.004544	220055560.52
1129610051	Capacitor	C1,C101,C108,C113,C128,C129,C-132,C136,C137,C149,C156,C169,C-175,C179,C181,C184,C200,C201,C-213,C215,C229,C231	Bellcore Issue 6	Level I		0.004544	1.00	.0451	0.004544	220055560.52
1129610051	Capacitor	C235,C240,C241,C249,C259,C28,-C3,C321,C322,C335,C346,C349,C-361,C362,C370,C42,C58,C72,C75,-C80,C87-C89	Bellcore Issue 6	Level I		0.004544	22.00	.9930	0.099975	220055560.52
1189615187	Capacitor	TC1	Bellcore Issue 6	Level I	13.60	0.005862	23.00	1.3393	0.134837	170576330.69
1189615187	Capacitor	TC3	Bellcore Issue 6	Level I	18.60	0.006403	1.00	.0636	0.006403	156185386.81
105A501133	Resistor	R74,R75	Bellcore Issue 6	Level I		0.002272	2.00	.0451	0.004544	440111121.05
1653213208	Connection	CN8	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1653222209	Connection	CN9	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
14S2200900	Integrated Circuit	U19	Bellcore Issue 6	Level I		0.059802	1.00	.5940	0.059802	16721916.86
14S4048503	Integrated Circuit	U12	Bellcore Issue 6	Level I		0.059802	1.00	.5940	0.059802	16721916.86
14S4048503	Integrated Circuit	U8	Bellcore Issue 6	Level I	16.70	0.190024	1.00	1.8875	0.190024	5262501.13
14S4255101	Integrated Circuit	U7	Bellcore Issue 6	Level I	18.30	0.108839	1.00	1.0811	0.108839	9187848.83
14S4311401	Integrated Circuit	U28	Bellcore Issue 6	Level I	17.00	0.193794	1.00	1.9249	0.193794	5160114.09
1315230111	Semiconductor	Q11,Q9	Bellcore Issue 6	Level I		0.159665	2.00	3.1718	0.319329	6263129.16
14S5A00830	Integrated Circuit	U32	Bellcore Issue 6	Level I		0.039527	1.00	.3926	0.039527	25298918.16
14S5812502	Integrated Circuit	U24	Bellcore Issue 6	Level I		0.039527	1.00	.3926	0.039527	25298918.16
14S4081110	Integrated Circuit	U29	Bellcore Issue 6	Level I		0.059802	1.00	.5940	0.059802	16721916.86
16515A0995	Connection	SODIMM1	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1214309003	Inductor	CH1-CH4	Bellcore Issue 6	Level I		0.002272	4.00	.0903	0.009089	440111121.05
121230603S	Inductor	FB4	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
121230603T	Inductor	FB1-FB3,FB5	Bellcore Issue 6	Level I		0.002272	4.00	.0903	0.009089	440111121.05
14S4888801	Integrated Circuit	U3	Bellcore Issue 6	Level I	14.60	0.089536	1.00	.8893	0.089536	11168642.78
14S3149103	Integrated Circuit	U10	Bellcore Issue 6	Level I	18.70	0.111131	1.00	1.1038	0.111131	8998421.26
123131435F	Miscellaneous	Y2	Bellcore Issue 6	Level I		0.150000	1.00	1.4899	0.150000	6666666.67
123132505C	Miscellaneous	Y3	Bellcore Issue 6	Level I		0.150000	1.00	1.4899	0.150000	6666666.67



### AAEON Reliability Prediction Report

**Part Number** 9697540I11-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10



**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A551119	Resistor	R117,R54,R72	Bellcore Issue 6	Level I		0.002272	3.00	.0677	0.006816	440111121.05
121110156A	Inductor	L1-L2	Bellcore Issue 6	Level I		0.002272	2.00	.0451	0.004544	440111121.05
121110156A	Inductor	L3	Bellcore Issue 6	Level I	18.40	0.003190	1.00	.0317	0.003190	313457245.37
1315700216	Semiconductor	Q10,Q14,Q15,Q5,Q71-Q73	Bellcore Issue 6	Level I		0.079832	7.00	5.5507	0.558826	12526258.32
1315731310	Semiconductor	Q1	Bellcore Issue 6	Level I	17.20	0.254708	1.00	2.5300	0.254708	3926057.46
1315731310	Semiconductor	Q2	Bellcore Issue 6	Level I	16.90	0.252752	1.00	2.5105	0.252752	3956441.00
1315731310	Semiconductor	Q7	Bellcore Issue 6	Level I	17.40	0.256019	1.00	2.5430	0.256019	3905963.83
165320520C	Connection	CN4,CN6	Bellcore Issue 6	Level I		0.022878	2.00	.4545	0.045756	43710088.85
165320820D	Connection	CN5	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
1540700082	Resistor	RP35,RP37,RP40,RP46,RP50,RP5-5,RP59,RP62	Bellcore Issue 6	Level I		0.006275	8.00	.4986	0.050197	159372657.61
1654040001	Connection	CN15	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
14S3128421	Integrated Circuit	U20	Bellcore Issue 6	Level I		0.059802	1.00	.5940	0.059802	16721916.86
14S4195710	Integrated Circuit	U16	Bellcore Issue 6	Level I	12.70	0.145700	1.00	1.4472	0.145700	6863412.72
105A501413	Resistor	R119	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
14S5A12506	Integrated Circuit	U26	Bellcore Issue 6	Level I		0.059802	1.00	.5940	0.059802	16721916.86
14S4553600	Integrated Circuit	U6	Bellcore Issue 6	Level I	20.60	0.122602	1.00	1.2178	0.122602	8156445.95
14S4800002	Integrated Circuit	U5	Bellcore Issue 6	Level I	14.30	0.088112	1.00	.8752	0.088112	11349140.96
105A593113	Resistor	R188	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
105A556213	Resistor	R189	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
1050502224	Resistor	R114,R125,R167,R180,R184,R193-R,77,R82,R296	Bellcore Issue 6	Level I		0.002272	9.00	.2031	0.020449	440111121.05
1050564904	Resistor	R302	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
14S2362400	Integrated Circuit	U1	Bellcore Issue 6	Level I	19.70	0.230894	1.00	2.2934	0.230894	4330986.96
14S2362400	Integrated Circuit	U2	Bellcore Issue 6	Level I	19.60	0.229413	1.00	2.2787	0.229413	4358944.86
14S2362400	Integrated Circuit	U4	Bellcore Issue 6	Level I	19.60	0.229413	1.00	2.2787	0.229413	4358944.86
1121533480	Capacitor	C140,C146	Bellcore Issue 6	Level I		0.004544	2.00	.0903	0.009089	220055560.52
105A701059	Resistor	R207	Bellcore Issue 6	Level I		0.002272	1.00	.0226	0.002272	440111121.05
1124412090	Capacitor	C260,C264	Bellcore Issue 6	Level I		0.004544	2.00	.0903	0.009089	220055560.52
11E9501091	Capacitor	C367	Bellcore Issue 6	Level I		0.004544	1.00	.0451	0.004544	220055560.52
1050722054	Resistor	R286	Bellcore Issue 6	Level I		0.013633	1.00	.1354	0.013633	73351853.51
11A4901090	Capacitor	C258	Bellcore Issue 6	Level I		0.004544	1.00	.0451	0.004544	220055560.52

**AAEON Reliability Prediction Report**

**Part Number** 9697540I11-DIP  
**Reference Des**  
**Date** 06. 17, 2008  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.10



**Description** Top-level assembly  
**File Name** PFM-540I-B10.RPJ  
**Time** 11:33 上午  
**Failure Rate** 10.067718  
**MTBF** 99,327

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
165313222A	Connection	CN7	Bellcore Issue 6	Level I		0.036605	1.00	.3636	0.036605	27318805.53
165312022B	Connection	CN7	Bellcore Issue 6	Level I		0.022878	1.00	.2272	0.022878	43710088.85
175910000B	Miscellaneous	BUZZ1	Bellcore Issue 6	Level I		0.150000	1.00	1.4899	0.150000	6666666.67
14S6200404	Integrated Circuit	SKT1	Bellcore Issue 6	Level I		0.161957	1.00	1.6087	0.161957	6174482.77