

EPIC-5537

Reliability Prediction Report (MTBF)

Report NO : 09E070040

09-08-2009

Issue Date

Wenyuan Yang

Manager

Jessica Chou

Test Engineer

Reliability Prediction (MTBF)

I . **Model Name:** TF-EPIC-5537-A10

II . **Prediction Date:** Sep. 8th, 2009

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

VII. Term and Definition:

- Unit : An assembly of device.
- Duty Cycle : 100%
- 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:

- TF-EPIC-5537-A10 :
Failure Rate: 12.851247 ppm
MTBF: 77,813 Hours

AAEON Reliability Prediction Report

Part Number 9697553708-D
Reference Des
Date 09. 8, 2009
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00



Description Top-level assembly
File Name EPIC-5537WT.RPJ
Time 2:50 下午
Failure Rate 12.851247
MTBF 77,813

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
TF-EPIC-5537WT-A10	9697553708-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	12.85	77813.46

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Failure Rate 12.851247
MTBF 77,813

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1129701790	Capacitor	C100,C101,C102, C103,C104,C105, C106,C107,C133, C134,C135,C136, C137,C139,C147, C149,C150,C151, C152,C153,C178, C184,C185,C186, C187,C188,C198, C199,C200,C201, C250,C251,C252, C253,C254,C255, C256,C257,C329,	Telcordia Issue 1	Level I		49.00	0.004535	1.7293	220487045.01
1129715090	Capacitor	C164,C167,C314, C315,C316,C369, C370,C371,C372, C382,C411,C431, C450,C451,C98	Telcordia Issue 1	Level I		15.00	0.004535	.5294	220487045.01
1189615150	Capacitor	C448,C72,C77	Telcordia Issue 1	Level I		3.00	0.004535	.1059	220487045.01
1129710090	Capacitor	C163,C165,C166, C384,C415,C483, C484,C99	Telcordia Issue 1	Level I		8.00	0.004535	.2823	220487045.01
1129710390	Capacitor	C108,C109,C110, C111,C112,C113, C114,C115,C276, C277,C278,C279, C280,C281,C282, C283,C429,C430, C512,C514	Telcordia Issue 1	Level I		20.00	0.004535	.7058	220487045.01
1129722091	Capacitor	C161,C162,C331, C332,C344,C345, C513,C515,C516	Telcordia Issue 1	Level I		9.00	0.004535	.3176	220487045.01
1124522290	Capacitor	C359,C360	Telcordia Issue 1	Level I		2.00	0.004535	.0706	220487045.01
1129747090	Capacitor	C397,C398,C399, C478,C479	Telcordia Issue 1	Level I		5.00	0.005466	.2126	182961702.19
1124547190	Capacitor	C400,C401,C402, C403	Telcordia Issue 1	Level I		4.00	0.004535	.1412	220487045.01
1129522650	Capacitor	C467	Telcordia Issue 1	Level I		1.00	0.004535	.0353	220487045.01
1124433090	Capacitor	C475,C476,C477, C480,C481,C482	Telcordia Issue 1	Level I		6.00	0.004535	.2117	220487045.01
1304101340	Semiconductor	D1,D22,D5	Telcordia Issue 1	Level I		3.00	0.004877	.1138	205063180.81
1301005440	Semiconductor	D2,D20,D8	Telcordia Issue 1	Level I		3.00	0.023881	.5575	41874327.58
1301005441	Semiconductor	D3,D4	Telcordia Issue 1	Level I		2.00	0.027212	.4235	36747840.84
1301005442	Semiconductor	D6,D7	Telcordia Issue 1	Level I		2.00	0.023881	.3717	41874327.58
1305080040	Semiconductor	D10,D11,D12,D13, D14,D15,D16,D9	Telcordia Issue 1			8.00	0.007960	.4955	125622982.73

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1302001240	Semiconductor	D17,D19	Telcordia Issue 1	Level I		2.00	0.027212	.4235	36747840.84
1300414840	Semiconductor	D21	Telcordia Issue 1	Level I		1.00	0.023881	.1858	41874327.58
1212306030	Inductor	FB1,FB13,FB19,FB2,FB20,FB21,FB22,FB23,FB3,FB4,FB8	Telcordia Issue 1	Level I		11.00	0.002268	.1941	440974090.03
121230603S	Inductor	FB5,FB6	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
121230805D	Inductor	FB7	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
1212306032	Inductor	FB10,FB11,FB12,FB24,FB25,FB26,FB9	Telcordia Issue 1	Level I		7.00	0.002268	.1235	440974090.03
1212306035	Inductor	FB14,FB15,FB16, FB17,FB18	Telcordia Issue 1	Level I		5.00	0.002268	.0882	440974090.03
12123D1210	Inductor	FB27,FB28,FB29,FB30,FB31,FB32,FB33,FB34,FB35,FB36,FB37,FB38	Telcordia Issue 1	Level I		12.00	0.086173	8.0465	11604581.32
1752001601	Miscellaneous	FS1,FS2	Telcordia Issue 1	Level I		2.00	0.003000	.0467	333333333.33
1540710084	Resistor	LN1, LN2, LN3, LN4	Telcordia Issue 1	Level I		4.00	0.006246	.1944	160102772.00
121110336L	Inductor	L1	Telcordia Issue 1	Level I	11.30	1.00	0.106665	.8300	9375153.46
121110336L	Inductor	L3	Telcordia Issue 1	Level I	25.10	1.00	0.135638	1.0554	7372575.78
121110336L	Inductor	L2	Telcordia Issue 1	Level I	22.40	1.00	0.129619	1.0086	7714893.73
1315731310	Semiconductor	Q1	Telcordia Issue 1	Level I		1.00	0.159207	1.2388	6281149.14
1315731310	Semiconductor	Q2	Telcordia Issue 1	Level I	24.90	1.00	0.308166	2.3979	3245006.47
1315700212	Semiconductor	Q10,Q5	Telcordia Issue 1	Level I		2.00	0.079603	1.2388	12562298.27
1310390411	Semiconductor	Q11,Q6,Q7,Q8	Telcordia Issue 1	Level I		4.00	0.023881	.7433	41874327.58
1315230111	Semiconductor	Q12,Q13,Q14,Q15	Telcordia Issue 1	Level I		4.00	0.000000	.0000	.00
1540710382	Resistor	RP1,RP2,RP45,RP46,RP47,RP48,RP49, RP50,RP63	Telcordia Issue 1	Level I		9.00	0.006246	.4374	160102772.00
1540743081	Resistor	RP10,RP12,RP14,RP16,RP17,RP19,RP21,RP23,RP25,RP3,RP4,RP5,RP6,RP7, RP8,RP9	Telcordia Issue 1			16.00	0.005205	.6480	192123326.40
1540751081	Resistor	RP11,RP13,RP15,RP18,RP20,RP22,RP24,RP26,RP27,RP28,RP29,RP30,RP31,RP32,RP33, RP35	Telcordia Issue 1	Level I		16.00	0.006246	.7776	160102772.00
1540700081	Resistor	RP34,RP36	Telcordia Issue 1	Level I		2.00	0.000000	.0000	.00
1540733085	Resistor	RP37,RP38,RP39,RP40,RP41,RP42, RP43	Telcordia Issue 1	Level I		7.00	0.006246	.3402	160102772.00
1540710280	Resistor	RP44	Telcordia Issue 1	Level I		1.00	0.006246	.0486	160102772.00

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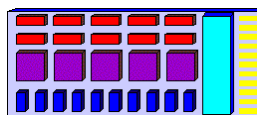


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File Name EPIC-5537WT.RPJ
Time 2:50 下午
Failure Rate 12.851247
MTBF 77,813

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1540782282	Resistor	RP51,RP52,RP53,RP54,RP55,RP56,RP57,RP61,RP62	Telcordia Issue 1	Level I		9.00	0.012492	.8748	80051386.00
15407822A0	Resistor	RP58,RP59,RP60	Telcordia Issue 1	Level I		3.00	0.007807	.1823	128082217.60
1540722085	Resistor	RP64,RP65,RP66,RP67,RP68,RP69,RP72,RP74,RP76, RP78	Telcordia Issue 1	Level I		10.00	0.012492	.9720	80051386.00
105A733009	Resistor	R1,R271,R272,R286,R287,R343,R344,R345,R346,R36,R514	Telcordia Issue 1	Level I		11.00	0.002268	.1941	440974090.03
105A701009	Resistor	R2,R434,R436	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A501533	Resistor	R3	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A700009	Resistor	R111,R117,R119,R12,R121,R13,R130,R132,R148,R152,R160,R161,R164,R167,R168,R169,R170,R171,R172,R173,R174,R175,R176,R20,R23,R233,R234,R235,R236,R237,R238,R24,R249,R251,R288,R293,R294,R312,R32,R324,R326,R328,R329,R330,R331,	Telcordia Issue 1	Level I		89.00	0.002268	1.5705	440974090.03
105A500139	Resistor	R34,R35,R6	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A702263	Resistor	R8	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A531613	Resistor	R9	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A551119	Resistor	R11,R22,R399	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A566519	Resistor	R14	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A502839	Resistor	R15,R27	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
1050525524	Resistor	R18	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A702229	Resistor	R139,R142,R19,R31, R405,R458	Telcordia Issue 1	Level I		6.00	0.002268	.1059	440974090.03
1050512124	Resistor	R25	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
1050584514	Resistor	R30	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03

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105A701039	Resistor	R101,R102,R104, R107,R108,R112, R113,R114,R115, R122,R123,R128, R134,R135,R136, R140,R141,R145, R147,R149,R150, R154,R155,R244, R247,R248,R254, R257,R291,R292, R313,R316,R318, R319,R321,R325, R379,R398,R406,	Telcordia Issue 1	Level I		48.00	0.002268	.8470	440974090.03
105A710039	Resistor	R262,R264,R277, R279,R38,R437,R438, R447,R448,R452, R453,R454,R50	Telcordia Issue 1	Level I		13.00	0.002268	.2294	440974090.03
105A703309	Resistor	R250,R261,R276, R334,R382,R435, R439,R44,R456,R457, R47,R51,R53,R54, R72,R73,R74,R77, R78,R79,R81,R82, R83,R84,R85,R86	Telcordia Issue 1	Level I		26.00	0.002268	.4588	440974090.03
105A704729	Resistor	R246,R299,R300, R301,R302,R303, R304,R306,R308, R311,R314,R315, R317,R336,R337, R338,R350,R371, R372,R374,R376, R378,R381,R401, R402,R403,R409, R410,R412,R418, R419,R420,R421,R48, R49,R538	Telcordia Issue 1	Level I		36.00	0.002268	.6352	440974090.03
105A703909	Resistor	R56,R57,R58,R61, R62,R63,R64,R65, R66,R68,R69	Telcordia Issue 1	Level I		11.00	0.002268	.1941	440974090.03
105A702209	Resistor	R125,R127,R414, R415,R416,R432, R433,R59,R70,R71, R93	Telcordia Issue 1	Level I		11.00	0.002268	.1941	440974090.03
105A703039	Resistor	R87,R90	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A705639	Resistor	R89,R92	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A512113	Resistor	R95	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03

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105A700139	Resistor	R105,R131,R137, R138,R156,R163, R290,R335,R342, R347,R348,R349, R351,R380,R385, R460,R98	Telcordia Issue 1	Level I		17.00	0.002268	.3000	440974090.03
105A700109	Resistor	R110,R116,R118	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A710053	Resistor	R124	Telcordia Issue 1	Level I		1.00	0.013606	.1059	73495681.67
105A733033	Resistor	R126	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A503423	Resistor	R133	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A504763	Resistor	R159	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A704709	Resistor	R162	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A547003	Resistor	R165	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A505109	Resistor	R177,R178,R179, R180,R181,R182, R183,R184,R185, R186,R187,R188, R189,R190,R191, R192,R193,R194, R195,R196,R197, R198,R199,R200, R201,R202,R203, R204,R205,R206, R207,R209,R212, R214,R216,R218, R220,R222,R223,	Telcordia Issue 1	Level I		41.00	0.002268	.7235	440974090.03
1050704304	Resistor	R208,R210,R211, R213,R215,R217, R219,R221,R225, R226,R227,R228, R229,R230,R231, R232	Telcordia Issue 1	Level I		16.00	0.002268	.2823	440974090.03
105A712009	Resistor	R239,R240	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A704739	Resistor	R515,R516,R517, R518	Telcordia Issue 1	Level I		4.00	0.002268	.0706	440974090.03
105A501039	Resistor	R242,R243,R365	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A747009	Resistor	R252	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
1050706239	Resistor	R259,R270,R274, R285	Telcordia Issue 1	Level I		4.00	0.002268	.0706	440974090.03
105A703329	Resistor	R260,R275	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A561903	Resistor	R263,R278	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A564903	Resistor	R265,R280	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A554969	Resistor	R266,R267,R268, R269,R281,R282, R283,R284	Telcordia Issue 1	Level I		8.00	0.002268	.1412	440974090.03

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105A705139	Resistor	R339,R340,R384	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A708229	Resistor	R352,R353,R354, R355,R356,R357, R358	Telcordia Issue 1	Level I		7.00	0.002268	.1235	440974090.03
105A510213	Resistor	R400	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A705629	Resistor	R151,R404	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A507509	Resistor	R440,R441,R442	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A701059	Resistor	R443	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
105A702239	Resistor	R444,R446,R449	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
105A715009	Resistor	R529,R530	Telcordia Issue 1	Level I		2.00	0.002268	.0353	440974090.03
105A710009	Resistor	R531	Telcordia Issue 1	Level I		1.00	0.002268	.0176	440974090.03
14S2921400	Integrated Circuit	U1	Telcordia Issue 1	Level I		1.00	0.059366	.4619	16844654.92
1315889611	Semiconductor	U2,U3	Telcordia Issue 1	Level I		2.00	0.079603	1.2388	12562298.27
14S2362400	Integrated Circuit	U4,U6	Telcordia Issue 1	Level I		2.00	0.059366	.9239	16844654.92
14S2533100	Integrated Circuit	U7	Telcordia Issue 1	Level I		1.00	0.059366	.4619	16844654.92
14S4081110	Integrated Circuit	U8	Telcordia Issue 1	Level I		1.00	0.059366	.4619	16844654.92
14S5801402	Integrated Circuit	U11	Telcordia Issue 1	Level I		1.00	0.026183	.2037	38193355.79
14S9811500	Integrated Circuit	U12	Telcordia Issue 1	Level I		1.00	0.059366	.4619	16844654.92
1315970211	Semiconductor	U18,U19	Telcordia Issue 1	Level I		2.00	0.159207	2.4777	6281149.14
14S9820800	Integrated Circuit	U33,U34,U35	Telcordia Issue 1	Level I		3.00	0.026183	.6112	38193355.79
14S5A00830	Integrated Circuit	U36,U40	Telcordia Issue 1	Level I		2.00	0.026183	.4075	38193355.79
14S6334610	Integrated Circuit	U38	Telcordia Issue 1	Level I		1.00	0.022943	.1785	43586356.53
14S6334610	Integrated Circuit	U41	Telcordia Issue 1	Level I	9.70	1.00	0.045616	.3550	21922283.73
14S4888801	Integrated Circuit	U43	Telcordia Issue 1	Level I	20.50	1.00	0.080853	.6291	12368065.68
1651203291	Connection	U44	Telcordia Issue 1	Level I		1.00	0.018207	.1417	54923766.92
14S4021301	Integrated Circuit	U46	Telcordia Issue 1	Level I	8.60	1.00	0.109422	.8515	9138913.18
14S4021301	Integrated Circuit	U45	Telcordia Issue 1	Level I	8.80	1.00	0.110944	.8633	9013546.11
14S4642100	Integrated Circuit	U50	Telcordia Issue 1	Level I	22.80	1.00	0.279535	2.1752	3577371.55
1315993311	Semiconductor	U51	Telcordia Issue 1	Level I	16.10	1.00	0.246952	1.9216	4049366.69
14S5A01400	Integrated Circuit	U52	Telcordia Issue 1	Level I		1.00	0.059366	.4619	16844654.92
14S4758300	Integrated Circuit	U53	Telcordia Issue 1	Level I	23.60	1.00	0.293977	2.2875	3401623.31
14S2200900	Integrated Circuit	U54	Telcordia Issue 1	Level I	8.60	1.00	0.109422	.8515	9138913.18
14S3020300	Integrated Circuit	U55	Telcordia Issue 1	Level I	21.60	1.00	0.259068	2.0159	3859990.25
1233332722	Miscellaneous	Y8	Telcordia Issue 1	Level I		1.00	0.360000	2.8013	2777777.78
123131435F	Miscellaneous	Y1	Telcordia Issue 1	Level I		1.00	0.150000	1.1672	6666666.67
1231332721	Miscellaneous	Y2	Telcordia Issue 1	Level I		1.00	0.150000	1.1672	6666666.67
123132505C	Miscellaneous	Y4,Y5,Y6	Telcordia Issue 1	Level I		3.00	0.150000	3.5016	6666666.67

AAEON Reliability Prediction Report

Part Number 9697553708-D
Reference Des
Date 09. 8, 2009
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00

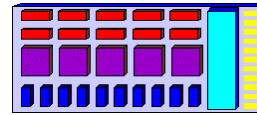


Description Top-level assembly
File Name EPIC-5537WT.RPJ
Time 2:50 下午
Failure Rate 12.851247
MTBF 77,813

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
1231324557	Miscellaneous	Y7	Telcordia Issue 1	Level I		1.00	0.150000	1.1672	6666666.67
1654040002	Connection	CN15	Telcordia Issue 1	Level I		1.00	0.022759	.1771	43939013.54
1654030003	Connection	CN16	Telcordia Issue 1	Level I		1.00	0.017069	.1328	58585351.38
14S3909101	Integrated Circuit	U5	Telcordia Issue 1	Level I		1.00	0.059366	.4619	16844654.92
14S4911216	Integrated Circuit	U15,U16,U17	Telcordia Issue 1	Level I		3.00	0.059366	1.3858	16844654.92
14S4070500	Integrated Circuit	U22	Telcordia Issue 1	Level I	11.20	1.00	0.130763	1.0175	7647418.01
1315230300	Semiconductor	Q9	Telcordia Issue 1	Level I		1.00	0.079603	.6194	12562298.27
14S6A51225	Integrated Circuit	U24,U28,U29	Telcordia Issue 1	Level I		3.00	0.032000	.7470	31250122.20
14S6A51225	Integrated Circuit	U25	Telcordia Issue 1	Level I	9.00	1.00	0.060633	.4718	16492794.05
14S4800004	Integrated Circuit	U20	Telcordia Issue 1	Level I	25.20	1.00	0.097673	.7600	10238208.08
14S4553600	Integrated Circuit	U21	Telcordia Issue 1	Level I	17.10	1.00	0.067747	.5272	14760822.47
14S4255101	Integrated Circuit	U37	Telcordia Issue 1	Level I	14.90	1.00	0.060298	.4692	16584399.10
14S4255101	Integrated Circuit	U39	Telcordia Issue 1	Level I	15.40	1.00	0.061924	.4819	16148783.64
14S3149103	Integrated Circuit	U14	Telcordia Issue 1	Level I	27.30	1.00	0.113893	.8862	8780133.11
14S4311201	Integrated Circuit	U42	Telcordia Issue 1	Level I	14.80	1.00	0.059977	.4667	16673094.56
1050520004	Resistor	R366,R367,R368	Telcordia Issue 1	Level I		3.00	0.002268	.0529	440974090.03
165392521H	Connection	CN3	Telcordia Issue 1	Level I		1.00	0.028449	.2214	35151210.83
11C9510050	Capacitor	C17,C181,C182,C183, C2,C22,C30,C311, C313,C323,C336,C34, C36,C363,C366,C38, C388,C390,C442, C449,C45,C46,C463, C465,C469,C488, C492,C5,C509,C522, C54,C79,C88,C9,C94, C97	Telcordia Issue 1	Level I		36.00	0.004535	1.2705	220487045.01
11E9622051	Capacitor	C124,C125,C126, C127,C128,C129, C130,C131,C132, C145,C146,C148, C179,C194,C195, C205,C206,C247, C248,C249,C302, C303,C304,C305	Telcordia Issue 1	Level I		24.00	0.004535	.8470	220487045.01
1189647190	Capacitor	C528,C529,C8	Telcordia Issue 1	Level I		3.00	0.004535	.1059	220487045.01
1653900038	Connection	CN3	Telcordia Issue 1	Level I		1.00	0.001138	.0089	878780270.71
1655003010	Connection	CN11	Telcordia Issue 1	Level I		1.00	0.001707	.0133	585853513.81
175910000B	Miscellaneous	BUZZ1	Telcordia Issue 1	Level I		1.00	0.150000	1.1672	6666666.67
165480830A	Connection	CN20,CN21	Telcordia Issue 1	Level I		2.00	0.001138	.0177	878780270.71

AAEON Reliability Prediction Report

Part Number 9697553708-D
Reference Des
Date 09. 8, 2009
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00



Description Top-level assembly
File Name EPIC-5537WT.RPJ
Time 2:50 下午
Failure Rate 12.851247
MTBF 77,813

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1655204022	Connection	CN1	Telcordia Issue 1	Level I		1.00	0.001138	.0089	878780270.71
1655902030	Connection	CN2	Telcordia Issue 1	Level I		1.00	0.001138	.0089	878780270.71
175011901C	Miscellaneous	CN2	Telcordia Issue 1	Level I		1.00	0.900000	7.0032	1111111.11
1653222200	Connection	CN4	Telcordia Issue 1	Level I		1.00	0.025035	.1948	39944557.76
165320520L	Connection	CN13,CN7	Telcordia Issue 1	Level I		2.00	0.005690	.0885	175756054.14
1653130424	Connection	CN8	Telcordia Issue 1	Level I		1.00	0.068276	.5313	14646337.85
1655306023	Connection	CN10	Telcordia Issue 1	Level I		1.00	0.003414	.0266	292926756.90
1654409103	Connection	CN12	Telcordia Issue 1	Level I		1.00	0.128018	.9962	7811380.18
1654907006	Connection	CN14	Telcordia Issue 1	Level I		1.00	0.003983	.0310	251080077.35
1654415305	Connection	CN17	Telcordia Issue 1	Level I		1.00	0.008535	.0664	117170702.76
1653207209	Connection	CN18	Telcordia Issue 1	Level I		1.00	0.007966	.0620	125540038.67
1653132228	Connection	CN9	Telcordia Issue 1	Level I		1.00	0.036414	.2834	27461883.46
1653120229	Connection	CN9	Telcordia Issue 1	Level I		1.00	0.022759	.1771	43939013.54
1653003101	Connection	JP1,JP2	Telcordia Issue 1	Level I		2.00	0.001707	.0266	585853513.81
1653003201	Connection	JP3	Telcordia Issue 1	Level I		1.00	0.001138	.0089	878780270.71
165251220C	Connection	CN5,CN6	Telcordia Issue 1	Level I		2.00	0.001138	.0177	878780270.71
14S6200800	Integrated Circuit		Telcordia Issue 1	Level I		1.00	0.141816	1.1035	7051373.53