

ETX-855

Reliability Prediction Report (MTBF)

Report NO : 05E070018

08-24-2005

Issue Date

Wenyuan Yang

Manager

Jessica Chou

Test Engineer

Reliability Prediction (MTBF)

I . Model Name: ETX-855-A02 (ETX Board.Socket 478.DDR.LAN,Audio.2COM,USB2.0)

II . Prediction Date: Aug. 24, 2005

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

VII. Term and Definition:

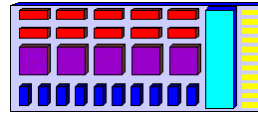
- Unit : An assembly of device.
- Duty Cycle : Used to specify the percentage of time that the element is in an on state, and it is equal to the percentage of total time the item is in the active environment.
- Quantity : The quantity of the selected item.
- Failure Rate : Used to specify that the failure 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: 7.223544 ppm
- MTBF: 138,436 Hours

AAEON Reliability Prediction Report

Part Number 9697855002
Reference Des
Date 08. 24, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 26.40

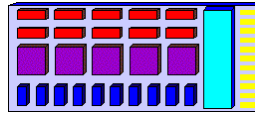


Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
ETX-855	9697855002	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	7.223544	138,436

AAEON Reliability Prediction Report

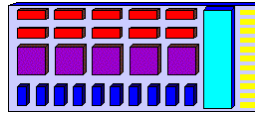
Part Number 9697855002
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Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 26.40



Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
14S6200403	Integrated Circuit	FWH1	Bellcore Issue 6	Level I		0.042650	1.00	.5904	0.042650	23446540.42
1129710090	Capacitor	C191,C192,C230,C231,C331,C391-C413	Bellcore Issue 6	Level I		0.001070	7.00	.1037	0.007489	934652826.36
1129722091	Capacitor	C234,C235,C262,C266,C267	Bellcore Issue 6	Level I		0.001070	5.00	.0741	0.005350	934652826.36
1129710390	Capacitor	C255,C256,C261,C263,C389,C391	Bellcore Issue 6	Level I		0.001070	6.00	.0889	0.006419	934652826.36
1189622190	Capacitor	C308-C311,TC1,TC16,TC2-TC6	Bellcore Issue 6	Level I		0.004661	11.00	.7098	0.051271	214548074.20
1124518280	Capacitor	C319	Bellcore Issue 6	Level I		0.001070	1.00	.0148	0.001070	934652826.36
1124433190	Capacitor	C365	Bellcore Issue 6	Level I		0.001070	1.00	.0148	0.001070	934652826.36
1301005443	Semiconductor	D1,D2,D9	Bellcore Issue 6	Level I		0.024857	3.00	1.0323	0.074570	40230501.22
1301003440	Semiconductor	D3	Bellcore Issue 6	Level I		0.024857	1.00	.3441	0.024857	40230501.22
105A705139	Resistor	R331,R480,R481	Bellcore Issue 6	Level I		0.002330	3.00	.0968	0.006991	429096148.39
14S3260100	Integrated Circuit	U2	Bellcore Issue 6	Level I	5.60	0.058743	1.00	.8132	0.058743	17023277.62
14S4280106	Integrated Circuit	U4	Bellcore Issue 6	Level I	4.20	0.054285	1.00	.7515	0.054285	18421341.76
14S3020100	Integrated Circuit	U8	Bellcore Issue 6	Level I		0.065737	1.00	.9100	0.065737	15212148.20
14S6334610	Integrated Circuit	U10	Bellcore Issue 6	Level I		0.033882	1.00	.4690	0.033882	29514468.27
14S4700900	Integrated Circuit	U13	Bellcore Issue 6	Level I		0.042650	1.00	.5904	0.042650	23446540.42
14S4621800	Integrated Circuit	U16	Bellcore Issue 6	Level I		0.065737	1.00	.9100	0.065737	15212148.20
1315776010	Semiconductor	U17,U18,U36,U37	Bellcore Issue 6	Level I		0.082856	4.00	4.5881	0.331423	12069150.37
14S5900600	Integrated Circuit	U20	Bellcore Issue 6	Level I		0.075044	1.00	1.0389	0.075044	13325596.98
14S5A00700	Integrated Circuit	U22	Bellcore Issue 6	Level I		0.041123	1.00	.5693	0.041123	24317069.56
1129610051	Capacitor	C1,C10,C101,C109,C11,C116,C12-C126,C127,C129,C13,C132,C133,-C15-C19,C196	Bellcore Issue 6	Level I		0.002747	19.00	.7226	0.052197	364007747.46
1129610051	Capacitor	C14	Bellcore Issue 6	Level I	4.30	0.002824	1.00	.0391	0.002824	354158512.61
1129610051	Capacitor	C20,C201,C21,C210,C217,C22,C23-C233,C24,C243,C247,C259,C280-C283,C288	Bellcore Issue 6	Level I		0.002747	17.00	.6465	0.046702	364007747.46
1129610051	Capacitor	C290,C294,C297,C3,C300,C303,C312,C33,C350,C351,C357,C358,C363,C367,C373	Bellcore Issue 6	Level I		0.002747	15.00	.5705	0.041208	364007747.46
1129610051	Capacitor	C378,C381,C386,C39,C396,C398,-C402,C419,C420,C5,C7,C85,C86,-C9,C93	Bellcore Issue 6	Level I		0.002747	15.00	.5705	0.041208	364007747.46
11E9610190	Capacitor	TC17	Bellcore Issue 6	Level I		0.006086	1.00	.0843	0.006086	164313319.36
1129747650	Capacitor	C122,C315	Bellcore Issue 6	Level I		0.002747	2.00	.0761	0.005494	364007747.46

AAEON Reliability Prediction Report



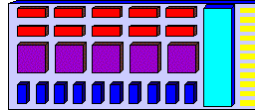
Part Number 9697855002
Reference Des
Date 08. 24, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 26.40

Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1129722060	Capacitor	C172,C173,C242,C344	Bellcore Issue 6	Level I		0.002747	4.00	.1521	0.010989	364007747.46
1121747890	Capacitor	C189	Bellcore Issue 6	Level I		0.002562	1.00	.0355	0.002562	390284196.58
105A512103	Resistor	R436,R438	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
16515A0998	Connection	CN1	Bellcore Issue 6	Level I		0.122389	1.00	1.6943	0.122389	8170671.45
105A512703	Resistor	R88	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A560403	Resistor	R102,R91	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A515003	Resistor	R92,R96	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A501523	Resistor	R94	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A710039	Resistor	R117,R214,R259,R260,R283,R431- R437,R439,R442,R443,R95,R97,R- 98	Bellcore Issue 6	Level I		0.002330	13.00	.4194	0.030296	429096148.39
105A708229	Resistor	R103,R173-R175,R177,R180,R182- R194,R196,R201,R202,R230,R360- R361,R368	Bellcore Issue 6	Level I		0.002330	15.00	.4839	0.034957	429096148.39
105A708229	Resistor	R411,R412,R452,R499,R500,R504- R506	Bellcore Issue 6	Level I		0.002330	7.00	.2258	0.016313	429096148.39
105A501039	Resistor	R104,R181,R183,R195,R198,R200- R248,R253-R256,R280,R281,R290- R301,R311	Bellcore Issue 6	Level I		0.002330	16.00	.5162	0.037288	429096148.39
105A501039	Resistor	R314-R317,R321,R322,R324,R325- R330,R378,R388,R400-R403,R483- R514	Bellcore Issue 6	Level I		0.002330	17.00	.5485	0.039618	429096148.39
105A540263	Resistor	R107	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A702229	Resistor	R110,R111,R114,R115,R120,R121- R199,R249,R267,R270	Bellcore Issue 6	Level I		0.002330	10.00	.3226	0.023305	429096148.39
105A700103	Resistor	R122-R124,R126-R130	Bellcore Issue 6	Level I		0.002330	8.00	.2581	0.018644	429096148.39
105A701009	Resistor	R131,R132,R137,R138,R141-R144- R147,R148,R151,R152,R155,R156- R160,R162-R164	Bellcore Issue 6	Level I		0.002330	18.00	.5807	0.041949	429096148.39
105A701009	Resistor	R167,R168,R245,R282	Bellcore Issue 6	Level I		0.002330	4.00	.1290	0.009322	429096148.39
105A548703	Resistor	R184	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A703309	Resistor	R192,R193,R206,R207,R235,R236- R261,R262,R472,R484	Bellcore Issue 6	Level I		0.002330	10.00	.3226	0.023305	429096148.39
105A700009	Resistor	R209,R211,R226,R227,R231-R234- R239-R241,R287,R288,R308,R313- R366,R382,R386	Bellcore Issue 6	Level I		0.002330	18.00	.5807	0.041949	429096148.39
105A700009	Resistor	R444,R448,R457,R462,R463,R465- R467,R468,R471,R482,R493,R513	Bellcore Issue 6	Level I		0.002330	12.00	.3871	0.027966	429096148.39

AAEON Reliability Prediction Report

Part Number 9697855002
Reference Des
Date 08. 24, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 26.40

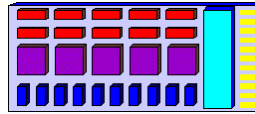


Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A522663	Resistor	R212	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A733009	Resistor	R221,R222,R244,R277-R279	Bellcore Issue 6	Level I		0.002330	6.00	.1936	0.013983	429096148.39
105A554903	Resistor	R247	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A507509	Resistor	R268,R269	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A528703	Resistor	R71	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A568163	Resistor	R179,R73	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A520033	Resistor	R286	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A545323	Resistor	R296	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A510513	Resistor	R300	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
106B501031	Resistor	R326,R327	Bellcore Issue 6	Level I		0.012239	2.00	.3389	0.024478	81706714.53
105A568123	Resistor	R348,R351	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
1121701080	Capacitor	C213,C216,C224,C251,C252,C258- C264,C265,C270,C302,C370,C379- C382,C392,C394	Bellcore Issue 6	Level I		0.002562	15.00	.5321	0.038434	390284196.58
1121701080	Capacitor	C406,C409,C424,C425,C70,C72	Bellcore Issue 6	Level I		0.002562	6.00	.2128	0.015373	390284196.58
105A702263	Resistor	R363,R364,R376,R379,R385,R389- R419,R420	Bellcore Issue 6	Level I		0.002330	8.00	.2581	0.018644	429096148.39
105A501033	Resistor	R171,R172,R292	Bellcore Issue 6	Level I		0.002330	3.00	.0968	0.006991	429096148.39
105A560463	Resistor	R116,R119	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A706209	Resistor	R176	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A513003	Resistor	R188	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A704729	Resistor	R203,R215,R218,R243,R307,R328- R332,R421-R423,R475,R477,R479	Bellcore Issue 6	Level I		0.002330	13.00	.4194	0.030296	429096148.39
105A710053	Resistor	R216,R217,R45	Bellcore Issue 6	Level I		0.013983	3.00	.5807	0.041949	71516024.73
105A561903	Resistor	R246	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A514003	Resistor	R272	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A701053	Resistor	R380	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A507523	Resistor	R387	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A501133	Resistor	R396	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A502233	Resistor	R429	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
1651611990	Connection	U1	Bellcore Issue 6	Level I		0.001224	1.00	.0169	0.001224	817067145.27
14S4285501	Integrated Circuit	U3	Bellcore Issue 6	Level I	4.20	0.054285	1.00	.7515	0.054285	18421341.76
14S4256200	Inductor	U9	Bellcore Issue 6	Level I	3.80	0.150394	1.00	2.0820	0.150394	6649180.90

AAEON Reliability Prediction Report

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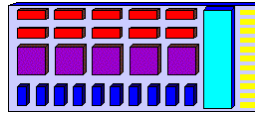


Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
14S3065500	Integrated Circuit	U11	Bellcore Issue 6	Level I		0.065737	1.00	.9100	0.065737	15212148.20
1315668011	Semiconductor	U14,U15	Bellcore Issue 6	Level I		0.082856	2.00	2.2941	0.165712	12069150.37
14S4871201	Integrated Circuit	U19	Bellcore Issue 6	Level I	4.50	0.055214	1.00	.7644	0.055214	18111288.56
14S4070610	Integrated Circuit	U21	Bellcore Issue 6	Level I		0.065737	1.00	.9100	0.065737	15212148.20
1121701790	Capacitor	C120,C124,C184,C186,C2,C221,C-240,C306,C4,C404,C405,C6,C64,C-66,C8	Bellcore Issue 6	Level I		0.002562	15.00	.5321	0.038434	390284196.58
105A705609	Resistor	R133-R136,R139,R140,R145,R146-,R149,R150,R153,R154,R157-R159-,R16,R161,R165	Bellcore Issue 6	Level I		0.002330	18.00	.5807	0.041949	429096148.39
105A705609	Resistor	R166,R169,R170,R18,R20,R9	Bellcore Issue 6	Level I		0.002330	6.00	.1936	0.013983	429096148.39
105A515009	Resistor	R10,R186,R189,R84,R85	Bellcore Issue 6	Level I		0.002330	5.00	.1613	0.011652	429096148.39
105A527463	Resistor	R11,R15,R405,R86,R87	Bellcore Issue 6	Level I		0.002330	5.00	.1613	0.011652	429096148.39
105A554969	Resistor	R13,R14,R17,R19	Bellcore Issue 6	Level I		0.002330	4.00	.1290	0.009322	429096148.39
105A578703	Resistor	R21	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A700003	Resistor	R22,R24-R26,R29,R372,R391,R446-,R487	Bellcore Issue 6	Level I		0.002330	9.00	.2904	0.020974	429096148.39
105A549969	Resistor	R30-R35,R76,R78,R79	Bellcore Issue 6	Level I		0.002330	9.00	.2904	0.020974	429096148.39
105A503309	Resistor	R36-R39,R41-R44,R46,R48,R488,-R49,R50,R52,R54,R56,R58,R59,R-62-R65,R70	Bellcore Issue 6	Level I		0.002330	23.00	.7420	0.053601	429096148.39
105A547503	Resistor	R66	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A510009	Resistor	R223-R225,R228,R229,R508,R72,-R74,R77,R80,R81,R93	Bellcore Issue 6	Level I		0.002330	12.00	.3871	0.027966	429096148.39
105A537463	Resistor	R75	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A530103	Resistor	R82,R83	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A501223	Resistor	R284	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A500333	Resistor	R285	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A554923	Resistor	R294	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A506823	Resistor	R295,R318,R320	Bellcore Issue 6	Level I		0.002330	3.00	.0968	0.006991	429096148.39
105A507533	Resistor	R299	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
10A5335713	Resistor	R302	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A503033	Resistor	R392	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A512033	Resistor	R345	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39

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Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 26.40

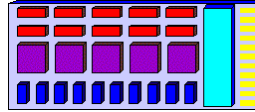


Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A517423	Resistor	R350	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
1129701690	Capacitor	C100,C102-C108,C110-C115,C117-C119,C121,C123,C125,C128,C130-C131,C134-C171	Bellcore Issue 6	Level I		0.002562	61.00	2.1637	0.156296	390284196.58
1129701690	Capacitor	C174-C183,C185,C197-C200,C202-C209,C211,C212,C214,C215,C218-C220,C222	Bellcore Issue 6	Level I		0.002562	31.00	1.0996	0.079429	390284196.58
1129701690	Capacitor	C223,C225,C227,C232,C236-C239,C241,C248,C25,C26,C260,C27,C275-C279,C28	Bellcore Issue 6	Level I		0.002562	20.00	.7094	0.051245	390284196.58
1129701690	Capacitor	C285-C287,C289,C29,C292,C293,-C295,C296,C298,C299,C30,C304,-C307,C31,C313	Bellcore Issue 6	Level I		0.002562	16.00	.5675	0.040996	390284196.58
1129701690	Capacitor	C314,C32,C324,C326-C330,C333-C336,C338-C342,C34,C345-C347,-C35,C36,C362	Bellcore Issue 6	Level I		0.002562	24.00	.8513	0.061494	390284196.58
1129701690	Capacitor	C364,C368,C369,C37,C371,C372,-C374,C375,C377,C38,C380,C384,-C385,C387-C390	Bellcore Issue 6	Level I		0.002562	16.00	.5675	0.040996	390284196.58
1129701690	Capacitor	C395,C397,C399,C40,C401,C403,-C41,C410,C415-C418,C42,C43,C65-C67-C69,C71	Bellcore Issue 6	Level I		0.002562	19.00	.6739	0.048682	390284196.58
1129701690	Capacitor	C73-C75,C77-C84,C88-C92,C94-C99	Bellcore Issue 6	Level I		0.002562	22.00	.7804	0.056369	390284196.58
105A701003	Resistor	R362,R371,R373	Bellcore Issue 6	Level I		0.002330	3.00	.0968	0.006991	429096148.39
105A551113	Resistor	R365	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A518223	Resistor	R375	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A547523	Resistor	R377	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A571533	Resistor	R384	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A505133	Resistor	R390	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A502423	Resistor	R274,R367	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A502033	Resistor	R399	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
1301053040	Semiconductor	D10-D13	Bellcore Issue 6	Level I		0.024857	4.00	1.3764	0.099427	40230501.22
1189615190	Capacitor	EC1,EC2,TC10,TC14,TC15,TC7-T-C9	Bellcore Issue 6	Level I		0.005069	8.00	.5614	0.040555	197262194.82
1653150221	Connection	ETX1-ETX4	Bellcore Issue 6	Level I		0.061194	4.00	3.3886	0.244778	16341342.91
1212306035	Inductor	FB10,FB5,FB6,FB9	Bellcore Issue 6	Level I		0.002330	4.00	.1290	0.009322	429096148.39
1211100160	Inductor	L1,L2	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39

AAEON Reliability Prediction Report

Part Number 9697855002
Reference Des
Date 08. 24, 2005
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 26.40



Description Top-level assembly
File Name ETX-855-A02.RPJ
Time 2:36 下午
Failure Rate 7.223544
MTBF 138,436

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1211106870	Inductor	L3	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
1211100860	Inductor	L5	Bellcore Issue 6	Level I	2.90	0.093636	1.00	1.2963	0.093636	10679636.60
1211103360	Inductor	L9,L10	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
1315030110	Semiconductor	Q10,Q11,Q3-Q6	Bellcore Issue 6	Level I		0.000000	6.00	.0000	0.000000	.00
1315700212	Semiconductor	Q14,Q15,Q18,Q19,Q21,Q22,Q26	Bellcore Issue 6	Level I		0.082856	7.00	8.0292	0.579991	12069150.37
1540710084	Resistor	RP1,RP10,RP12-RP15,RP18,RP20- RP23,RP25,RP29,RP30,RP33,RP- 36,RP38,RP4,RP40	Bellcore Issue 6	Level I		0.006657	17.00	1.5666	0.113167	150220471.10
1540710084	Resistor	RP41,RP43,RP7,RP9	Bellcore Issue 6	Level I		0.006657	4.00	.3686	0.026628	150220471.10
14S2705700	Integrated Circuit	U31	Bellcore Issue 6	Level I		0.065737	1.00	.9100	0.065737	15212148.20
1315992601	Semiconductor	U33,U35	Bellcore Issue 6	Level I		0.165712	2.00	4.5881	0.331423	6034575.18
14S5A00820	Integrated Circuit	U38	Bellcore Issue 6	Level I		0.042650	1.00	.5904	0.042650	23446540.42
14S2533100	Integrated Circuit	U41	Bellcore Issue 6	Level I		0.065737	1.00	.9100	0.065737	15212148.20
14S4888801	Integrated Circuit	U42	Bellcore Issue 6	Level I	5.00	0.056794	1.00	.7862	0.056794	17607397.60
14S5A12505	Integrated Circuit	U45	Bellcore Issue 6	Level I		0.042650	1.00	.5904	0.042650	23446540.42
1231314350	Miscellaneous	Y1	Bellcore Issue 6	Level I		0.150000	1.00	2.0765	0.150000	6666666.67
1231332721	Miscellaneous	Y2	Bellcore Issue 6	Level I		0.150000	1.00	2.0765	0.150000	6666666.67
1231324551	Miscellaneous	Y4	Bellcore Issue 6	Level I		0.150000	1.00	2.0765	0.150000	6666666.67
1540756081	Resistor	RP11,RP16,RP17,RP19,RP2,RP21- RP22,RP24,RP26-RP28,RP3,RP31- RP32,RP34,RP35	Bellcore Issue 6	Level I		0.006657	16.00	1.4745	0.106510	150220471.10
1540756081	Resistor	RP37,RP39,RP42,RP44,RP5,RP6,- RP8	Bellcore Issue 6	Level I		0.006657	7.00	.6451	0.046598	150220471.10
1540782282	Resistor	RP45-RP50,RP53,RP55,RP56,RP7- 2,RP73,RP80,RP81	Bellcore Issue 6	Level I		0.006657	13.00	1.1980	0.086539	150220471.10
1540747285	Resistor	RP57-RP71,RP74-RP77	Bellcore Issue 6	Level I		0.006657	19.00	1.7510	0.126481	150220471.10
105A500233	Resistor	R397,R398	Bellcore Issue 6	Level I		0.002330	2.00	.0645	0.004661	429096148.39
105A500239	Resistor	R3	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
105A530003	Resistor	R8	Bellcore Issue 6	Level I		0.002330	1.00	.0323	0.002330	429096148.39
1124410190	Capacitor	C244,C245,C249,C250	Bellcore Issue 6	Level I		0.001070	4.00	.0592	0.004280	934652826.36
1124522290	Capacitor	C318	Bellcore Issue 6	Level I		0.001070	1.00	.0148	0.001070	934652826.36
1124556180	Capacitor	C322	Bellcore Issue 6	Level I		0.001070	1.00	.0148	0.001070	934652826.36
1121722650	Capacitor	C412	Bellcore Issue 6	Level I		0.002562	1.00	.0355	0.002562	390284196.58
1301005442	Semiconductor	D4	Bellcore Issue 6	Level I		0.024857	1.00	.3441	0.024857	40230501.22

