

EMB-9459T Reliability Prediction Report (MTBF)

Report NO : 09E070042

10-30-2009

Issue Date

Wenyuan Yang

Manager

Jessica Chou

Test Engineer

Reliability Prediction (MTBF)

I . **Model Name:** EMB-9459T-B10 (9697945910-D)

II . **Prediction Date:** Oct. 30, 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: 24.9 degrees C
- Standard: Telcordia (Bellcore) Standard

VII. Term and Definition:

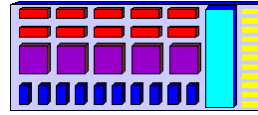
- Unit : An assembly of device.
- Duty Cycle : 100%
- Quantity : The quantity of the selected item.
- Failure Rate : Used to specify that the failure rate is to be calculated based the selected Calculation models. The multiplier is 1,000,000.
- MTBF : MTBF is always specified in hours.

VIII. Prediction Result:

- EMB-9459T-B10 (9697945910-D) :
Failure Rate: 15.593391 ppm
MTBF: 64,130 Hours

AAEON Reliability Prediction Report

Part Number 9697945910-D
Reference Des
Date 10. 30, 2009
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 24.90

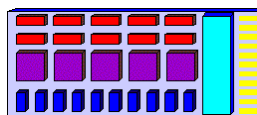


Description Top-level assembly
File Name EMB-9459T-B.RPJ
Time 3:12 下午
Failure Rate 15.593391
MTBF 64,130

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
EMB-9459T-B10	9697945910-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	15.59	64129.73

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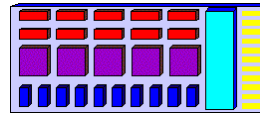


Description Top-level assembly
File Name EMB-9459T-B.RPJ
Time 3:12 下午
Failure Rate 15.593391
MTBF 64,130

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
11E9501091	Capacitor	BC106,BC158,BC160, BC165,BC166,BC293, BC82,C109,C148,C15, C150,C16,C17,C181, C191,C200,C202, C203,C208,C219,C22, C221,C224,C230, C233,C234,C241, C250,C262,C265, C266,C268,C269,C27, C277,C28,C282,C283, C285,C286,C287, C288,C289,C29,C	Telcordia Issue 1	Level I		65.00	0.004527	1.8869	220919666.10
1124410190	Capacitor	C121,C122,C123, C124,C125,C126, C127,C128,C129, C130,C131,C132, C133,C134,C135, C136,C137,C338, C349,C36,C749	Telcordia Issue 1	Level I		21.00	0.004527	.6096	220919666.10
11E1522680	Capacitor	C115,C167,C228, C232,C237,C240, C247,C248,C306, C314,C37,C47	Telcordia Issue 1	Level I		12.00	0.004527	.3483	220919666.10
11E9622050	Capacitor	C113,C114,C303, C304,C307,C308, C310,C45,C46,C51, C54	Telcordia Issue 1	Level I		11.00	0.004527	.3193	220919666.10
11E9647680	Capacitor	C220,C235,C249, C272,C48,C709,C77, C78,C80,C83,C85, C96	Telcordia Issue 1	Level I		12.00	0.004527	.3483	220919666.10
11E1647650	Capacitor	C186,C187,C215, C218,C281,C284,C56, C57	Telcordia Issue 1	Level I		8.00	0.004527	.2322	220919666.10
1124582880	Capacitor	C313	Telcordia Issue 1	Level I		1.00	0.004527	.0290	220919666.10
11C1501080	Capacitor	C166,C211,C319, C668,C73,C74,C752, C87,C88,C92,C94, C98	Telcordia Issue 1	Level I		12.00	0.004527	.3483	220919666.10
1122522890	Capacitor	C242,C244,C255,C82, C84,C86,C89	Telcordia Issue 1	Level I		7.00	0.004527	.2032	220919666.10
1121647480	Capacitor	C110,C112,C243, C251,C647,C648,C91	Telcordia Issue 1	Level I		7.00	0.004527	.2032	220919666.10
11C2539290	Capacitor	C100,C138,C139, C141,C143,C93,C95, C99	Telcordia Issue 1	Level I		8.00	0.004527	.2322	220919666.10
1129522790	Capacitor	BC131,BC132,C104, C105,C106,C107, C108,C160,C97	Telcordia Issue 1	Level I		9.00	0.004527	.2613	220919666.10
1124433080	Capacitor	C101,C117	Telcordia Issue 1	Level I		2.00	0.004527	.0581	220919666.10

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MTBF 64,130

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105A701039	Resistor	R157,R158,R162, R165,R180,R182, R183,R184,R185, R186,R248,R249, R369,R39,R445,R454, R514,R55,R584,R593, R613,R647,R648, R649,R657,R658, R666,R670,R676, R677,R679,R680, R681,R686,R692, R710,R712,R727, R760,R829,R831,	Telcordia Issue 1	Level I		42.00	0.002263	.6096	441839332.19
105A700139	Resistor	R10,R11,R111,R112, R119,R124,R133, R134,R135,R147, R153,R2,R214,R217, R258,R26,R28,R387, R456,R476,R484, R497,R499,R567, R582,R590,R605, R626,R661,R713, R719,R88	Telcordia Issue 1	Level I		32.00	0.002263	.4645	441839332.19
1050502204	Resistor	R3,R320,R321,R438, R5,R6,R604,R79,R8, R80	Telcordia Issue 1	Level I		10.00	0.002263	.1451	441839332.19
105A506823	Resistor	R4,R441,R7,R797	Telcordia Issue 1	Level I		4.00	0.002263	.0581	441839332.19
105A700009	Resistor	L69,L70,L71,L72, R106,R107,R108, R109,R110,R113, R114,R115,R116, R117,R118,R12,R131, R137,R141,R145, R151,R152,R154, R160,R161,R163, R164,R166,R167, R187,R21,R212,R22, R242,R247,R250, R261,R263,R273, R274,R275,R276,	Telcordia Issue 1	Level I		144.00	0.002263	2.0901	441839332.19
105A515009	Resistor	R13,R16,R17,R512, R513,R516,R60,R61, R62,R64,R65,R66, R682,R688,R689, R697,R701,R702	Telcordia Issue 1	Level I		18.00	0.002263	.2613	441839332.19

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105A507509	Resistor	R14,R15,R18	Telcordia Issue 1	Level I		3.00	0.002263	.0435	441839332.19
105A747003	Resistor	R23,R24	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19
105A704729	Resistor	R193,R199,R27,R29, R370,R396,R402, R403,R406,R412, R422,R429,R430, R431,R432,R433, R434,R435,R436,R44, R45,R46,R47,R495, R562,R565,R575, R580,R588,R589, R687,R693,R709, R755,R762,R763, R792,R824,R836, R874,R875,R93,R	Telcordia Issue 1	Level I		44.00	0.002263	.6386	441839332.19
1050556269	Resistor	R252,R254,R255, R257,R259,R265, R279,R282,R283, R286,R287,R288, R290,R291,R297,R32, R327,R328,R33,R334, R34,R342,R343,R344, R345,R346,R347,R35, R365,R366,R390, R411,R414,R416, R419,R421,R426, R440,R673,R700	Telcordia Issue 1	Level I		40.00	0.002263	.5806	441839332.19
105A702239	Resistor	R293,R302,R324,R50, R535,R761	Telcordia Issue 1	Level I		6.00	0.002263	.0871	441839332.19
105A708229	Resistor	R120,R168,R169, R170,R171,R172, R173,R174,R175, R177,R179,R269, R270,R272,R316, R385,R386,R388, R389,R606,R607, R608,R609,R614, R615,R622,R623, R629,R633,R634, R635,R636,R638, R639,R656,R685, R694,R695,R716,	Telcordia Issue 1	Level I		43.00	0.002263	.6241	441839332.19
14S5A01400	Integrated Circuit	U45,U46	Telcordia Issue 1	Level I		2.00	0.058933	.7559	16968377.18

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105A510009	Resistor	R181,R232,R245, R330,R331,R475, R481,R625,R631, R660,R663,R671, R720,R802,R803	Telcordia Issue 1	Level I		15.00	0.002263	.2177	441839332.19
105A522663	Resistor	R188	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A701033	Resistor	R498	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A576813	Resistor	R844	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A501003	Resistor	R256,R348,R349, R350,R351,R352, R353,R354,R355, R356,R357,R358, R359,R360,R361, R362,R363,R364, R506,R617,R852	Telcordia Issue 1	Level I		21.00	0.002263	.3048	441839332.19
105A701009	Resistor	R640,R840,R841, R866,R867,R869	Telcordia Issue 1	Level I		6.00	0.002263	.0871	441839332.19
105A702263	Resistor	R105,R821,R830	Telcordia Issue 1	Level I		3.00	0.002263	.0435	441839332.19
105A702269	Resistor	R490	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A703909	Resistor	R213,R215,R216, R219,R229,R230, R236,R237,R650, R651,R672	Telcordia Issue 1	Level I		11.00	0.002263	.1597	441839332.19
1050510034	Resistor	R231,R564,R574, R578,R870	Telcordia Issue 1	Level I		5.00	0.002263	.0726	441839332.19
105A533233	Resistor	R243	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A701053	Resistor	R244,R397,R733,R99	Telcordia Issue 1	Level I		4.00	0.002263	.0581	441839332.19
105A510053	Resistor	R246,R341	Telcordia Issue 1	Level I		2.00	0.013580	.1742	73639888.70
105A580663	Resistor	R266,R285	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19
105A524963	Resistor	R280,R301,R339, R624,R642,R698	Telcordia Issue 1	Level I		6.00	0.002263	.0871	441839332.19
105A700103	Resistor	R284,R845	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19
105A701203	Resistor	R294,R295,R296	Telcordia Issue 1	Level I		3.00	0.002263	.0435	441839332.19
105A554963	Resistor	R323,R340,R408, R446	Telcordia Issue 1	Level I		4.00	0.002263	.0581	441839332.19
105A520003	Resistor	R337	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A522103	Resistor	R338,R721	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19
105A527463	Resistor	R410,R443	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19
105A500239	Resistor	R420,R442,R444	Telcordia Issue 1	Level I		3.00	0.002263	.0435	441839332.19
105A706809	Resistor	R428	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A705139	Resistor	R483,R556,R559, R560,R561,R568, R570	Telcordia Issue 1	Level I		7.00	0.002263	.1016	441839332.19

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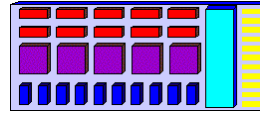


Description Top-level assembly
File Name EMB-9459T-B.RPJ
Time 3:12 下午
Failure Rate 15.593391
MTBF 64,130

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A752323	Resistor	R500	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A549913	Resistor	R690	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A549919	Resistor	R834	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1050537434	Resistor	R835	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A502039	Resistor	R36,R652,R886	Telcordia Issue 1	Level I		3.00	0.002263	.0435	441839332.19
105A525503	Resistor	R655	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A501523	Resistor	R659	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A549969	Resistor	R737,R738,R740, R741,R742,R743, R744,R745,R746, R747,R748,R749, R769,R770,R771, R772,R773,R774, R775,R776,R777, R778	Telcordia Issue 1	Level I		22.00	0.002263	.3193	441839332.19
105A547503	Resistor	R766	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A503033	Resistor	R796	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
14S1230400	Integrated Circuit	U1	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
14S4021301	Integrated Circuit	U3,U36,U37,U39,U4, U40	Telcordia Issue 1	Level I		6.00	0.058933	2.2676	16968377.18
1315970211	Semiconductor	U47,U48,U7,U8	Telcordia Issue 1	Level I		4.00	0.158749	4.0722	6299233.11
14S5A12506	Integrated Circuit	U9	Telcordia Issue 1	Level I		1.00	0.026029	.1669	38418616.55
14S4048503	Integrated Circuit	U11,U12	Telcordia Issue 1	Level I		2.00	0.058933	.7559	16968377.18
14S5A00401	Integrated Circuit	U13	Telcordia Issue 1	Level I		1.00	0.026029	.1669	38418616.55
14S5812502	Integrated Circuit	U14	Telcordia Issue 1	Level I		1.00	0.026029	.1669	38418616.55
14S4811100	Integrated Circuit	U17	Telcordia Issue 1	Level I	15.80	1.00	0.062919	.4035	15893573.94
14S4811100	Integrated Circuit	U18	Telcordia Issue 1	Level I	15.00	1.00	0.060298	.3867	16584399.10
14S5A00700	Integrated Circuit	U19	Telcordia Issue 1	Level I		1.00	0.025097	.1609	39845032.76
14S5812300	Integrated Circuit	U25	Telcordia Issue 1	Level I		1.00	0.026029	.1669	38418616.55
14S428010D	Integrated Circuit	U28	Telcordia Issue 1	Level I	27.10	1.00	0.112219	.7197	8911165.83
14S4294503	Integrated Circuit	U30	Telcordia Issue 1	Level I	20.90	1.00	0.082110	.5266	12178764.00
14S3422600	Integrated Circuit	U33	Telcordia Issue 1	Level I	35.80	1.00	0.611539	3.9218	1635217.83
14S4121601	Integrated Circuit	U34	Telcordia Issue 1	Level I		1.00	0.026029	.1669	38418616.55
14S4871204	Integrated Circuit	U35	Telcordia Issue 1	Level I		1.00	0.026029	.1669	38418616.55
14S4160020	Integrated Circuit	U38	Telcordia Issue 1	Level I	19.10	1.00	0.074820	.4798	13365490.08
14S3626100	Integrated Circuit	U42	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
1315030110	Semiconductor	Q70	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
1300414840	Semiconductor	D19	Telcordia Issue 1	Level I		1.00	0.023812	.1527	41994887.40
105A704723	Resistor	R861,R864	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19

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1059710003	Resistor	R863	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A703303	Resistor	R865	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A522003	Resistor	R485	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1315313800	Semiconductor	Q66	Telcordia Issue 1	Level I		1.00	0.079375	.5090	12598466.22
1315170310	Semiconductor	Q10,Q19,Q29,Q36, Q62,Q64,Q68,Q69	Telcordia Issue 1	Level I		8.00	0.079375	4.0722	12598466.22
1122710080	Capacitor	C580	Telcordia Issue 1	Level I		1.00	0.005462	.0350	183081288.02
105A584513	Resistor	R501	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
14S3170800	Integrated Circuit	U2	Telcordia Issue 1	Level I	18.80	1.00	0.215069	1.3792	4649678.11
105A705129	Resistor	R41,R527	Telcordia Issue 1	Level I		2.00	0.002263	.0290	441839332.19
105A501413	Resistor	R910	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1189633162	Capacitor	C223,C591,C62	Telcordia Issue 1	Level I		3.00	0.004527	.0871	220919666.10
14S4195710	Integrated Circuit	U16,U29	Telcordia Issue 1	Level I		2.00	0.058933	.7559	16968377.18
14S6334610	Integrated Circuit	U20,U21	Telcordia Issue 1	Level I		2.00	0.022776	.2921	43906493.83
1315700217	Semiconductor	Q20,Q54,Q55,Q56, Q57,Q58	Telcordia Issue 1	Level I		6.00	0.079375	3.0542	12598466.22
1122722080	Capacitor	C103,C151	Telcordia Issue 1	Level I		2.00	0.005462	.0701	183081288.02
14S2048800	Integrated Circuit	U53	Telcordia Issue 1	Level I		1.00	0.031767	.2037	31479651.13
105A523713	Resistor	R728	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1050501234	Resistor	R729	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A501633	Resistor	R599	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
105A507523	Resistor	R577	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1124533280	Capacitor	C357	Telcordia Issue 1	Level I		1.00	0.005462	.0350	183081288.02
121110336L	Inductor	L57	Telcordia Issue 1	Level I		1.00	0.086004	.5515	11627350.85
1211000180	Inductor	L14	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
121110156A	Inductor	L58	Telcordia Issue 1	Level I		1.00	0.086004	.5515	11627350.85
1142522080	Capacitor	TC8	Telcordia Issue 1	Level I		1.00	0.004527	.0290	220919666.10
1189622151	Capacitor	EC20,EC21,EC23	Telcordia Issue 1	Level I		3.00	0.042450	.8167	23556955.78
1301053040	Semiconductor	D43	Telcordia Issue 1	Level I		1.00	0.023812	.1527	41994887.40
14S2632100	Integrated Circuit	U52	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
105A563419	Resistor	R887	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
14S4650601	Integrated Circuit	U24	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
14S2041500	Integrated Circuit	U27	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
1189633191	Capacitor	EC14	Telcordia Issue 1	Level I		1.00	0.004527	.0290	220919666.10
1189622183	Capacitor	EC4	Telcordia Issue 1	Level I		1.00	0.004527	.0290	220919666.10
105A539223	Resistor	R42	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
14S4730802	Integrated Circuit	U49	Telcordia Issue 1	Level I	14.70	1.00	0.164336	1.0539	6085108.42

AAEON Reliability Prediction Report

Part Number 9697945910-D
Reference Des
Date 10. 30, 2009
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 24.90

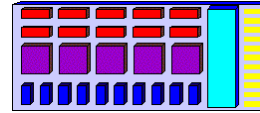


Description Top-level assembly
File Name EMB-9459T-B.RPJ
Time 3:12 下午
Failure Rate 15.593391
MTBF 64,130

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A502423	Resistor	R53	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
14S3524701	Integrated Circuit	Q31	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
165392521H	Connection	CN21	Telcordia Issue 1	Level I		1.00	0.028300	.1815	35335433.67
1314570810	Semiconductor	U50	Telcordia Issue 1	Level I		1.00	0.047625	.3054	20997443.70
1129722091	Capacitor	C625	Telcordia Issue 1	Level I		1.00	0.004527	.0290	220919666.10
14S2200900	Integrated Circuit	U6	Telcordia Issue 1	Level I		1.00	0.058933	.3779	16968377.18
105A518223	Resistor	R885	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1301002240	Semiconductor	D45	Telcordia Issue 1	Level I		1.00	0.023812	.1527	41994887.40
1301581943	Semiconductor	D20	Telcordia Issue 1	Level I		1.00	0.023812	.1527	41994887.40
1214309006	Inductor	L46,L73,L74,L75, L76,L77,L78,L79	Telcordia Issue 1	Level I		8.00	0.002263	.1161	441839332.19
1121610060	Capacitor	C324,C383,C398,C59, TC18	Telcordia Issue 1	Level I		5.00	0.004527	.1451	220919666.10
14S9070800	Integrated Circuit	U51,U54	Telcordia Issue 1	Level I		2.00	0.026029	.3338	38418616.55
1315943514	Semiconductor	Q63	Telcordia Issue 1	Level I		1.00	0.079375	.5090	12598466.22
1315422410	Semiconductor	Q61	Telcordia Issue 1	Level I		1.00	0.079375	.5090	12598466.22
14S6201601	Integrated Circuit		Telcordia Issue 1	Level I		1.00	0.165614	1.0621	6038150.33
1655303020	Connection	CN23	Telcordia Issue 1	Level I		1.00	0.001698	.0109	588923894.43
175011901C	Miscellaneous	BAT2	Telcordia Issue 1	Level I		1.00	0.900000	5.7717	1111111.11
175910000B	Miscellaneous	BUZZ1	Telcordia Issue 1	Level I		1.00	0.150000	.9619	6666666.67
1655004020	Connection	CN2	Telcordia Issue 1	Level I		1.00	0.002264	.0145	441692920.82
1653004201	Connection	CN4	Telcordia Issue 1	Level I		1.00	0.004528	.0290	220846460.41
1655305020	Connection	CN26,CN5	Telcordia Issue 1	Level I		2.00	0.002830	.0363	353354336.66
1654232200	Connection	CN11	Telcordia Issue 1	Level I		1.00	0.036224	.2323	27605807.55
1653006101	Connection	CN18	Telcordia Issue 1	Level I		1.00	0.003396	.0218	294461947.22
1655003010	Connection	CN19	Telcordia Issue 1	Level I		1.00	0.001698	.0109	588923894.43
1653005200	Connection	CN20	Telcordia Issue 1	Level I		1.00	0.022640	.1452	44169292.08
16515C0492	Connection	DIMM1	Telcordia Issue 1	Level I		1.00	0.001132	.0073	883385841.65
1119622196	Capacitor	EC1,EC2,EC7	Telcordia Issue 1	Level I		3.00	0.070751	1.3612	14134173.47
1119633191	Capacitor	EC22	Telcordia Issue 1	Level I		1.00	0.042450	.2722	23556955.78
1653003101	Connection	JP1,JP3,JP4,JP5, JP6,JP7	Telcordia Issue 1	Level I		6.00	0.001698	.0653	588923894.43
1653003201	Connection	JP2	Telcordia Issue 1	Level I		1.00	0.001132	.0073	883385841.65
1654612307	Connection	KBMS1	Telcordia Issue 1	Level I		1.00	0.001132	.0073	883385841.65
1654260207	Connection	PCI1	Telcordia Issue 1	Level I		1.00	0.067920	.4356	14723097.36
1655004011	Connection	PWR1	Telcordia Issue 1	Level I		1.00	0.022640	.1452	44169292.08
1652522202	Connection	USBRJ1,USBRJ2	Telcordia Issue 1	Level I		2.00	0.012452	.1597	80307803.79
1211104767	Inductor	L32	Telcordia Issue 1	Level I		1.00	0.086004	.5515	11627350.85
1169682192	Capacitor	C633,C643	Telcordia Issue 1	Level I		2.00	0.005462	.0701	183081288.02

AAEON Reliability Prediction Report

Part Number 9697945910-D
Reference Des
Date 10. 30, 2009
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 24.90



Description Top-level assembly
File Name EMB-9459T-B.RPJ
Time 3:12 下午
Failure Rate 15.593391
MTBF 64,130

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1652514210	Connection	AUDIO1	Telcordia Issue 1	Level I		1.00	0.022640	.1452	44169292.08
1654907002	Connection	SATA1,SATA2	Telcordia Issue 1	Level I		2.00	0.003962	.0508	252395954.76
1653900038	Connection	CN21	Telcordia Issue 1	Level I		1.00	0.001132	.0073	883385841.65
1231232720	Miscellaneous	Y3	Telcordia Issue 1	Level I		1.00	0.150000	.9619	6666666.67
1655906032	Connection	CN24	Telcordia Issue 1	Level I		1.00	0.003396	.0218	294461947.22
1111622102	Capacitor	EC6	Telcordia Issue 1	Level I		1.00	0.042450	.2722	23556955.78
1112633190	Capacitor	EC10	Telcordia Issue 1	Level I		1.00	0.042450	.2722	23556955.78
121110336G	Inductor	L66	Telcordia Issue 1	Level I		1.00	0.002263	.0145	441839332.19
1655417020	Connection	CN25	Telcordia Issue 1	Level I		1.00	0.011320	.0726	88338584.16
1655902030	Connection	BAT2	Telcordia Issue 1	Level I		1.00	0.001132	.0073	883385841.65
1654415308	Connection	CN1	Telcordia Issue 1	Level I		1.00	0.008490	.0544	117784778.89
1654418103	Connection	CN3	Telcordia Issue 1	Level I		1.00	0.010188	.0653	98153982.41