

GCS-1500I

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 32.772583 ppm MTBF: 30,513 Hours
---------	---

Issue date	Approval	Test Engineer
2011/03/23	Jansin Lee	Jessica Chou

Reliability Prediction (MTBF)

I . Model Name: TF-GCS-1500I-B10

II . Prediction Date: Mar. 23, 2011

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: 25.1 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:

TF-GCS-1500I-B10:

- Failure Rate: 32.772583 ppm

- MTBF: 30,513 Hours

AAEON Reliability Prediction Report

Part Number System
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10

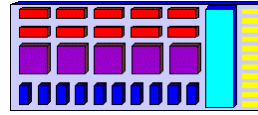


Description Top-level assembly
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 32.772583
MTBF 30,513

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
TF-GCS-1500I-B10	System	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	32.77	30513.31
ASS'Y PER-T171-A10	9697T17102-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	2.29e-003	437100888.47
ASS'Y PER-T166-A11	9697T16604-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	.24	4106107.81
ASS'Y PER-T167-B10	9697T16706-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	14.10	70910.36
ASS'Y IMBI-QM57-A11	9697QM5716-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	18.42	54275.72

AAEON Reliability Prediction Report

Part Number 9697T17102-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 0.002288
MTBF 437,100,888

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
1654232200	Connection	PCle1	Telcordia Issue 1	Level I		1.00	0.001144	50.0000	874201776.95
1654260207	Connection	PCI1	Telcordia Issue 1	Level I		1.00	0.001144	50.0000	874201776.95

AAEON Reliability Prediction Report

Part Number 9697T16706-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 14.102312
MTBF 70,910

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A704723	Resistor	R1001,R1010,R1017, R1024,R1031,R1038, R1045,R1052,R110, R135,R172,R189, R226,R243,R272,R81	Telcordia Issue 1	Level I		16.00	0.002272	.2578	440111121.05
105A708223	Resistor	R112,R114,R138, R139,R173,R174, R195,R196,R227, R228,R244,R247, R275,R276,R82,R85	Telcordia Issue 1	Level I		16.00	0.002272	.2578	440111121.05
105A704729	Resistor	R1000,R1008,R1015, R1022,R1029,R1036, R1043,R1050,R111, R115,R136,R140, R158,R160,R190, R192,R212,R214, R245,R248,R273, R277,R83,R86	Telcordia Issue 1	Level I		24.00	0.002272	.3867	440111121.05
105A530003	Resistor	R397,R398,R399, R400,R401,R402, R403,R404,R405, R406,R407,R408, R409,R410,R411, R412,R413,R414, R415,R416,R417, R418,R419,R420, R421,R422,R423, R424,R425,R426, R427,R428,R429, R430,R431,R432, R433,R434,R435,	Telcordia Issue 1	Level I		48.00	0.002272	.7734	440111121.05
11E1510050	Capacitor	TC1,TC10,TC11,TC12, TC13,TC14,TC15, TC16,TC17,TC18, TC19,TC2,TC20,TC21, TC22,TC23,TC24, TC25,TC26,TC27, TC28,TC29,TC3,TC30, TC31,TC32,TC33, TC34,TC35,TC36,TC4, TC5,TC6,TC7,TC8, TC9	Telcordia Issue 1	Level I		36.00	0.004544	1.1601	220055560.52
14S4811100	Integrated Circuit	U1,U3	Telcordia Issue 1	Level I		2.00	0.026337	.3735	37969565.62
14S6334610	Integrated Circuit	U2,U4	Telcordia Issue 1	Level I		2.00	0.023111	.3278	43268765.90

AAEON Reliability Prediction Report

Part Number 9697T16706-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 14.102312
MTBF 70,910

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
14S7140100	Integrated Circuit	U17,U25,U33,U41, U49,U57,U65,U9	Telcordia Issue 1	Level I		8.00	0.059802	3.3925	16721916.86
14S4021301	Integrated Circuit	U10,U18,U26,U35, U42,U51,U58,U66	Telcordia Issue 1	Level I		8.00	0.059802	3.3925	16721916.86
14S7340000	Integrated Circuit	U11,U19,U27,U34, U43,U50,U59,U67	Telcordia Issue 1	Level I		8.00	0.059802	3.3925	16721916.86
14S4848500	Integrated Circuit	U12,U15,U21,U23, U28,U31,U36,U39, U45,U47,U52,U55, U60,U63,U68,U71	Telcordia Issue 1	Level I		16.00	0.059802	6.7849	16721916.86
14S5A12506	Integrated Circuit	U13,U20,U29,U37, U44,U53,U61,U69	Telcordia Issue 1	Level I		8.00	0.026337	1.4940	37969565.62
14S5A01400	Integrated Circuit	U14,U22,U30,U38, U46,U54,U62,U70	Telcordia Issue 1	Level I		8.00	0.059802	3.3925	16721916.86
14S5812502	Integrated Circuit	U16,U24,U32,U40, U48,U56,U64,U72	Telcordia Issue 1	Level I		8.00	0.026337	1.4940	37969565.62
14S9105800	Integrated Circuit	U100	Telcordia Issue 1	Level I		1.00	0.026337	.1868	37969565.62
105A564913	Resistor	R1003,R1005,R1011, R1013,R1018,R1020, R1025,R1027,R1032, R1034,R1039,R1041, R1046,R1048,R1053, R1055	Telcordia Issue 1	Level I		16.00	0.002272	.2578	440111121.05
105A501039	Resistor	R1004,R1012,R1019, R1026,R1033,R1040, R1047,R1054,R118, R144,R166,R197, R217,R252,R280,R90	Telcordia Issue 1	Level I		16.00	0.002272	.2578	440111121.05
1129601080	Capacitor	BC29,BC30,BC54, BC55	Telcordia Issue 1	Level I		4.00	0.004544	.1289	220055560.52
14S6334615	Integrated Circuit	U101	Telcordia Issue 1	Level I		1.00	0.023111	.1639	43268765.90
14S6334607	Integrated Circuit		Telcordia Issue 1	Level I		1.00	0.023111	.1639	43268765.90
1600012403	Connection	SW1,SW2	Telcordia Issue 1	Level I		2.00	0.001144	.0162	874201776.95
123132505D	Miscellaneous	Y1,Y2	Telcordia Issue 1	Level I		2.00	0.150000	2.1273	6666666.67
1302012041	Semiconductor	D1,D2,D3,D4,D5,D6, D7,D8	Telcordia Issue 1	Level I		8.00	0.027266	1.5467	36675926.75
121230603L	Inductor	L10,L11,L12,L13, L14,L7,L8,L9	Telcordia Issue 1	Level I		8.00	0.002272	.1289	440111121.05
1315035210	Semiconductor	Q37,Q41,Q45,Q49, Q53,Q57,Q61,Q65	Telcordia Issue 1	Level I		8.00	0.000000	.0000	.00
1654418103	Connection	CN1,CN2,CN3,CN4	Telcordia Issue 1	Level I		4.00	0.010295	.2920	97133530.77
1653240200	Connection	CN10	Telcordia Issue 1	Level I		1.00	0.001144	.0081	874201776.95
1652528201	Connection	CN16	Telcordia Issue 1	Level I		1.00	0.001144	.0081	874201776.95
1251002500	Integrated Circuit	U76,U77,U78,U79	Telcordia Issue 1	Level I		4.00	0.059802	1.6962	16721916.86

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
1653204203	Connection	CN10	Telcordia Issue 1	Level I		1.00	0.004576	.0248	218550444.24
1653207205	Connection	CN8	Telcordia Issue 1	Level I		1.00	0.008007	.0435	124885968.14
1653206204	Connection	CN9	Telcordia Issue 1	Level I		1.00	0.006863	.0373	145700296.16
14S6206402	Integrated Circuit	U3	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
1121501690	Capacitor	BC1,BC10,BC100, BC101,BC102,BC104, BC105,BC106,BC107, BC108,BC109,BC11, BC110,BC111,BC112, BC113,BC114,BC115, BC116,BC117,BC118, BC119,BC12,BC120, BC122,BC123,BC124, BC125,BC126,BC127, BC128,BC129,BC13, BC130,BC131,BC132, BC133,BC134,BC1	Telcordia Issue 1	Level I		232.00	0.004544	5.7222	220055560.52
1214309006	Inductor	CM5,CM6,CM7,CM8,L1, L2,L3,L4	Telcordia Issue 1	Level I		8.00	0.002272	.0987	440111121.05
1653005202	Connection	CN2	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
165300420L	Connection	CN3	Telcordia Issue 1	Level I		1.00	0.004576	.0248	218550444.24
1654030003	Connection	CN5	Telcordia Issue 1	Level I		1.00	0.017159	.0931	58280118.46
165300320D	Connection	CN12	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
1653205201	Connection	COM3,COM4	Telcordia Issue 1	Level I		2.00	0.005720	.0621	174840355.39
1174518180	Capacitor	CP1,CP2,CP3,CP4, CP5,CP6,CP7,CP8, CP9	Telcordia Issue 1	Level I		9.00	0.005469	.2672	182842274.63
1124433190	Capacitor	C198,C3,C52	Telcordia Issue 1	Level I		3.00	0.004544	.0740	220055560.52
1121701080	Capacitor	C110,C112,C134, C135,C136,C137,C14, C141,C142,C145, C146,C150,C151, C152,C154,C155, C159,C160,C161, C162,C163,C17,C181, C186,C187,C190, C191,C192,C193, C194,C196,C199, C201,C202,C203, C204,C205,C206,C21, C211,C212,C217,	Telcordia Issue 1	Level I		72.00	0.004544	1.7758	220055560.52
1129710390	Capacitor	C10,C180,C197,C23, C233,C242,C62,C75	Telcordia Issue 1	Level I		8.00	0.004544	.1973	220055560.52

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1124410190	Capacitor	C15,C153	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1129701790	Capacitor	C113,C116,C117, C120,C121,C124, C125,C126,C127, C128,C129,C130, C131,C16,C166,C167, C168,C169,C170, C171,C173,C174, C175,C176,C177, C178,C179,C185,C19, C219,C22,C225,C226, C229,C263,C273,C33, C42,C85,C95	Telcordia Issue 1	Level I		40.00	0.004544	.9866	220055560.52
1124420090	Capacitor	C18,C84	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
11C1522480	Capacitor	C20,C234,C239,C244, C247,C248,C249, C254,C49,C51,C61, C74,C83,C86	Telcordia Issue 1	Level I		14.00	0.004544	.3453	220055560.52
1124433090	Capacitor	C25,C26	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1124418090	Capacitor	C43,C44,C72,C73	Telcordia Issue 1	Level I		4.00	0.004544	.0987	220055560.52
1129622050	Capacitor	C157,C158,C182, C183,C195,C200, C207,C210,C213, C214,C215,C216, C221,C227,C228,C45, C46,C53,C54,C55, C58,C59,C60,C63, C64,C65,C67,C68, C69	Telcordia Issue 1	Level I		29.00	0.004544	.7153	220055560.52
1121533480	Capacitor	C47	Telcordia Issue 1	Level I		1.00	0.004544	.0247	220055560.52
1124539180	Capacitor	C48,C81	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1124515180	Capacitor	C236,C56	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1124468090	Capacitor	C57,C79	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1124501780	Capacitor	C237,C82	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
11E2647650	Capacitor	C101,C102,C103, C104,C105,C11,C123, C144,C147,C156, C164,C165,C208, C209,C259,C284,C31, C7,C91,C94	Telcordia Issue 1	Level I		20.00	0.004544	.4933	220055560.52
1129522650	Capacitor	C111,C93,TC27,TC28, TC44	Telcordia Issue 1	Level I		5.00	0.004544	.1233	220055560.52
11E9647060	Capacitor	C96,C97	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1129710090	Capacitor	C106,C266,C267, C278,C279,C282, C283,C98,C99	Telcordia Issue 1	Level I		9.00	0.004544	.2220	220055560.52
1129722091	Capacitor	C100,C108,C109, C251	Telcordia Issue 1	Level I		4.00	0.004544	.0987	220055560.52

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
1124427090	Capacitor	C107,C256,C257, C260,C261,C270, C277,C280,C281	Telcordia Issue 1	Level I		9.00	0.004544	.2220	220055560.52
11E9522680	Capacitor	C122,C132,C133, C138,C139,C140, C143	Telcordia Issue 1	Level I		7.00	0.004544	.1727	220055560.52
1124547190	Capacitor	C149	Telcordia Issue 1	Level I		1.00	0.004544	.0247	220055560.52
1124533180	Capacitor	C245,C246	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
11C4533880	Capacitor	C250	Telcordia Issue 1	Level I		1.00	0.004544	.0247	220055560.52
1121610180	Capacitor	C285,C286,C287, C288,C289,C290	Telcordia Issue 1	Level I		6.00	0.004544	.1480	220055560.52
1124510280	Capacitor	C291,C292,C293	Telcordia Issue 1	Level I		3.00	0.004544	.0740	220055560.52
1121647480	Capacitor	C295,C296	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
165320520C	Connection	DIO1,USB3,USB4	Telcordia Issue 1	Level I		3.00	0.005720	.0931	174840355.39
1301005440	Semiconductor	D1,D10,D14,D27,D28, D29,D5,D9	Telcordia Issue 1	Level I		8.00	0.023950	1.0399	41754194.40
1301005442	Semiconductor	D13,D2	Telcordia Issue 1	Level I		2.00	0.023950	.2600	41754194.40
1301002240	Semiconductor	D15,D16,D17,D18,D6	Telcordia Issue 1	Level I		5.00	0.023950	.6499	41754194.40
1301053040	Semiconductor	D11,D12	Telcordia Issue 1	Level I		2.00	0.023950	.2600	41754194.40
1305100541	Semiconductor	D20,D21,D22,D23, D30,D31,D32,D33, D34,D35,D36,D37, D38,D39,D40,D41, D42,D43,D44,D45	Telcordia Issue 1	Level I		20.00	0.023950	2.5998	41754194.40
1212306030	Inductor	FB1,FB2,FB20,FB3, FB33,FB34,FB35, FB36,FB37,FB38,FB4, FB5,FB6	Telcordia Issue 1	Level I		13.00	0.002272	.1603	440111121.05
12123C0005	Inductor	FB10,FB11,FB12,FB7, FB8,FB9	Telcordia Issue 1	Level I		6.00	0.002272	.0740	440111121.05
121230603Z	Inductor	FB14,FB15,FB16, FB17,FB18,FB19	Telcordia Issue 1	Level I		6.00	0.002272	.0740	440111121.05
12123C0007	Inductor	FB29	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
1212308054	Inductor	FB32	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
1752001601	Miscellaneous	FS1,FS2,FS3,FS4, FS6,FS7,FS8,FS9	Telcordia Issue 1	Level I		8.00	0.003000	.1303	333333333.33
1752011000	Miscellaneous	FS10,FS11,FS5	Telcordia Issue 1	Level I		3.00	0.003000	.0488	333333333.33
1211105673	Inductor	L17,L5	Telcordia Issue 1	Level I		2.00	0.086342	.9373	11581871.61
1211101064	Inductor	L6	Telcordia Issue 1	Level I		1.00	0.086342	.4686	11581871.61
1211103671	Inductor	L10,L14,L15,L16	Telcordia Issue 1	Level I		4.00	0.086342	1.8745	11581871.61
1211101002	Inductor	L12,L13	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
1211100160	Inductor	L19	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10

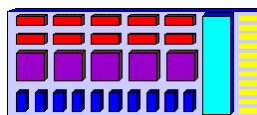


Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1310390410	Semiconductor	Q1,Q14,Q26,Q27,Q31, Q39,Q44,Q73,Q8	Telcordia Issue 1	Level I		9.00	0.023950	1.1699	41754194.40
1315700217	Semiconductor	Q10,Q100,Q101,Q102, Q11,Q12,Q16,Q19,Q2, Q23,Q24,Q25,Q29,Q3, Q30,Q35,Q42,Q43, Q46,Q47,Q54,Q55, Q57,Q58,Q59,Q61, Q62,Q63,Q64,Q65, Q69,Q70,Q71,Q72, Q83,Q84,Q85,Q94, Q95,Q96,Q97,Q98, Q99	Telcordia Issue 1	Level I		43.00	0.079832	18.6317	12526258.32
1315R30310	Integrated Circuit	Q17	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
1315889612	Semiconductor	Q20,Q32,Q40,Q41, Q49,Q51	Telcordia Issue 1	Level I		6.00	0.079832	2.5998	12526258.32
1315888010	Semiconductor	Q21,Q36,Q48,Q50, Q52,Q87	Telcordia Issue 1	Level I		6.00	0.079832	2.5998	12526258.32
1315441012	Semiconductor	Q22,Q33,Q34,Q86	Telcordia Issue 1	Level I		4.00	0.079832	1.7332	12526258.32
14S3524700	Integrated Circuit	Q37	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
1315230511	Semiconductor	Q38	Telcordia Issue 1	Level I		1.00	0.079832	.4333	12526258.32
1311390610	Semiconductor	Q45	Telcordia Issue 1	Level I		1.00	0.023950	.1300	41754194.40
1311138610	Semiconductor	Q56,Q60	Telcordia Issue 1	Level I		2.00	0.023950	.2600	41754194.40
1315667910	Semiconductor	Q74,Q75,Q76,Q79	Telcordia Issue 1	Level I		4.00	0.159665	3.4664	6263129.16
1315050311	Integrated Circuit	Q78	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
1540710280	Resistor	RP1,RP2,RP6	Telcordia Issue 1	Level I		3.00	0.006275	.1022	159372657.61
1540733085	Resistor	RP16,RP17,RP18, RP19,RP20,RP21, RP22,RP23,RP3,RP4, RP5,RP7,RP8	Telcordia Issue 1	Level I		13.00	0.006275	.4427	159372657.61
1540782282	Resistor	RP10,RP11,RP12, RP13,RP9	Telcordia Issue 1	Level I		5.00	0.012549	.3406	79686328.81
1540747282	Resistor	RP14	Telcordia Issue 1	Level I		1.00	0.006275	.0341	159372657.61
1540756080	Resistor	RP15	Telcordia Issue 1	Level I		1.00	0.006275	.0341	159372657.61
106B501032	Resistor	RT1,RT2,RT3,RT4, RT6	Telcordia Issue 1	Level I		5.00	0.011439	.3104	87420177.69
106B747030	Resistor	RT5	Telcordia Issue 1	Level I		1.00	0.011439	.0621	87420177.69
105A704729	Resistor	R1,R169,R23,R301, R334,R336,R349, R454,R467,R51,R55, R551,R557,R567, R569,R841	Telcordia Issue 1	Level I		16.00	0.002272	.1973	44011121.05
105A503309	Resistor	R247,R251,R255,R3, R355,R46,R541,R64, R65,R68,R69,R70, R85,R86,R90,R91	Telcordia Issue 1	Level I		16.00	0.002272	.1973	44011121.05

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A701039	Resistor	R105,R106,R107, R119,R128,R140, R162,R163,R164, R165,R166,R168, R172,R173,R174, R193,R198,R199, R269,R270,R319,R32, R359,R361,R365, R382,R4,R424,R425, R43,R437,R504,R523, R524,R535,R536, R542,R546,R549,R58, R59,R590,R591,R	Telcordia Issue 1	Level I		84.00	0.002272	1.0359	440111121.05
105A733003	Resistor	R11,R12,R5,R560,R6, R884	Telcordia Issue 1	Level I		6.00	0.002272	.0740	440111121.05
105A510009	Resistor	R158,R160,R170, R171,R22,R322,R323, R400,R44,R8	Telcordia Issue 1	Level I		10.00	0.002272	.1233	440111121.05
105A703329	Resistor	R14,R857	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A501539	Resistor	R15,R380	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
1050506224	Resistor	R16,R381	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A705129	Resistor	R17,R20,R398,R406	Telcordia Issue 1	Level I		4.00	0.002272	.0493	440111121.05
105A702229	Resistor	R131,R177,R18,R181, R197,R24,R280,R289, R290,R291,R388, R391,R392,R450, R451,R463,R464, R483,R650,R652, R654,R806,R885, R886,R905,R906, R967,R968	Telcordia Issue 1	Level I		28.00	0.002272	.3453	440111121.05
105A500133	Resistor	R19,R963	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A700009	Resistor	BC236,BC237,R1000, R1001,R1002,R1003, R1004,R1005,R101, R103,R129,R146, R184,R185,R187, R189,R191,R200, R201,R202,R203, R206,R208,R210, R211,R213,R214, R215,R216,R219, R222,R225,R229, R230,R231,R232, R236,R238,R239,	Telcordia Issue 1	Level I		193.00	0.002272	2.3801	440111121.05

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A700003	Resistor	FB13,FB30,FB31, FB41,FB42,FB49, FB50,R123,R147, R299,R325,R326, R353,R354,R367, R461,R522,R587, R676,R862,R870, R929,R939,R981	Telcordia Issue 1	Level I		24.00	0.002272	.2960	440111121.05
1050505604	Resistor	R143	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A500139	Resistor	R149,R150,R218, R234,R242,R262, R266,R267,R277, R486,R487,R509, R511,R593,R784, R961	Telcordia Issue 1	Level I		16.00	0.002272	.1973	440111121.05
1050520004	Resistor	R151,R194,R195, R196,R233,R249, R265	Telcordia Issue 1	Level I		7.00	0.002272	.0863	440111121.05
105A700133	Resistor	R152,R364,R376, R403,R439,R440, R441,R442	Telcordia Issue 1	Level I		8.00	0.002272	.0987	440111121.05
105A702033	Resistor	R155,R156,R179	Telcordia Issue 1	Level I		3.00	0.002272	.0370	440111121.05
1050524904	Resistor	R161	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
1050701504	Resistor	R175	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A513003	Resistor	R176	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A532463	Resistor	R178	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A708229	Resistor	R180,R363,R368, R605,R858,R864, R969	Telcordia Issue 1	Level I		7.00	0.002272	.0863	440111121.05
105A549969	Resistor	R207,R268,R681, R705,R742	Telcordia Issue 1	Level I		5.00	0.002272	.0617	440111121.05
105A533033	Resistor	R209	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A710053	Resistor	R212	Telcordia Issue 1	Level I		1.00	0.013633	.0740	73351853.51
1059704761	Resistor	R220	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
1059702261	Resistor	R221,R303,R331, R833	Telcordia Issue 1	Level I		4.00	0.002272	.0493	440111121.05
105A556203	Resistor	R228,R327	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A702263	Resistor	R240,R942,R943, R944	Telcordia Issue 1	Level I		4.00	0.002272	.0493	440111121.05
105A522663	Resistor	R241	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A541233	Resistor	R245,R831	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
1050519114	Resistor	R252,R256	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A580613	Resistor	R253,R314	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A502003	Resistor	R254,R261	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A705103	Resistor	R271,R273	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
1050502224	Resistor	R279	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
105A526113	Resistor	R286,R845	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A505109	Resistor	R292	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A704709	Resistor	R294	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A515009	Resistor	R295,R296,R297, R412,R413,R414	Telcordia Issue 1	Level I		6.00	0.002272	.0740	44011121.05
105A502033	Resistor	R304,R868,R875	Telcordia Issue 1	Level I		3.00	0.002272	.0370	44011121.05
105A705133	Resistor	R1024,R1025,R315, R324	Telcordia Issue 1	Level I		4.00	0.002272	.0493	44011121.05
105A524913	Resistor	R328	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A582563	Resistor	R329,R702	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A747003	Resistor	R335,R348	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A501039	Resistor	R343,R350	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A540213	Resistor	R352	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A533213	Resistor	R362,R477	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A707509	Resistor	R407,R415,R416	Telcordia Issue 1	Level I		3.00	0.002272	.0370	44011121.05
105A549913	Resistor	R408,R899,R932	Telcordia Issue 1	Level I		3.00	0.002272	.0370	44011121.05
105A715009	Resistor	R419,R420,R427, R430,R431,R433, R434,R903	Telcordia Issue 1	Level I		8.00	0.002272	.0987	44011121.05
105A733009	Resistor	R436	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A707503	Resistor	R443,R444	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
1050502204	Resistor	R445,R446,R447, R448	Telcordia Issue 1	Level I		4.00	0.002272	.0493	44011121.05
105A706823	Resistor	R459,R460	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A501333	Resistor	R476,R496	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A701033	Resistor	R493,R494	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A512103	Resistor	R481	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A520003	Resistor	R482	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A703303	Resistor	R485,R507	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A500233	Resistor	R499,R518	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A747033	Resistor	R519	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A708209	Resistor	R527,R545,R550	Telcordia Issue 1	Level I		3.00	0.002272	.0370	44011121.05
105A503033	Resistor	R532	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105A506823	Resistor	R533,R534	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A747009	Resistor	R1020,R1021,R558, R987,R989,R990, R991	Telcordia Issue 1	Level I		7.00	0.002272	.0863	44011121.05
105A705623	Resistor	R561	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
1050564924	Resistor	R582,R584	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05
105A501233	Resistor	R586	Telcordia Issue 1	Level I		1.00	0.002272	.0123	44011121.05
105270000A	Resistor	R601,R622	Telcordia Issue 1	Level I		2.00	0.002272	.0247	44011121.05

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A705603	Resistor	R608	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A554963	Resistor	R623	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A530113	Resistor	R636,R866,R867	Telcordia Issue 1	Level I		3.00	0.002272	.0370	440111121.05
105A501123	Resistor	R638	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A501523	Resistor	R687,R697	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A501133	Resistor	R600,R696,R844	Telcordia Issue 1	Level I		3.00	0.002272	.0370	440111121.05
105A502133	Resistor	R700	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A536513	Resistor	R701,R837,R846, R856	Telcordia Issue 1	Level I		4.00	0.002272	.0493	440111121.05
105A575003	Resistor	R709,R737	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A537463	Resistor	R712	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A706803	Resistor	R736	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A504733	Resistor	R741	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A590963	Resistor	R745	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A523713	Resistor	R761	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A700103	Resistor	R826,R827,R835	Telcordia Issue 1	Level I		3.00	0.002272	.0370	440111121.05
105A505133	Resistor	R834,R843,R848	Telcordia Issue 1	Level I		3.00	0.002272	.0370	440111121.05
1050525524	Resistor	R849	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A551003	Resistor	R853	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
1050582514	Resistor	R855	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A505123	Resistor	R877	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A503423	Resistor	R894,R898	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A702233	Resistor	R921,R922	Telcordia Issue 1	Level I		2.00	0.002272	.0247	440111121.05
105A501413	Resistor	R959	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
105A730009	Resistor	R1018,R1019,R1022, R1023,R983,R984, R985,R986	Telcordia Issue 1	Level I		8.00	0.002272	.0987	440111121.05
1129610051	Capacitor	TC1,TC11,TC114, TC118,TC12,TC120, TC124,TC125,TC135, TC136,TC137,TC138, TC14,TC142,TC143, TC147,TC148,TC149, TC15,TC150,TC151, TC153,TC154,TC156, TC157,TC158,TC159, TC16,TC161,TC162, TC163,TC164,TC165, TC166,TC167,TC2, TC21,TC24,TC25,	Telcordia Issue 1	Level I		66.00	0.004544	1.6279	220055560.52

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1189633160	Capacitor	TC115,TC116,TC123,TC127,TC128,TC129,TC13,TC130,TC131,TC132,TC133,TC17,TC19,TC22,TC23,TC40,TC49,TC60,TC62,TC71,TC72,TC77,TC88,TC93	Telcordia Issue 1	Level I		24.00	0.004544	.5919	220055560.52
1129610080	Capacitor	TC100,TC101,TC102,TC103,TC104,TC105,TC106,TC107,TC108,TC109,TC110,TC111,TC117,TC126,TC37,TC38,TC39,TC41,TC42,TC43,TC46,TC47,TC48,TC54,TC55,TC56,TC75,TC78,TC79,TC80,TC81,TC83,TC84,TC86,TC87,TC89,TC90,TC91,TC92	Telcordia Issue 1	Level I		44.00	0.004544	1.0852	220055560.52
11C2510190	Capacitor	TC112,TC113,TC134,TC139,TC145,TC146,TC58,TC63,TC64, TC76	Telcordia Issue 1	Level I		10.00	0.004544	.2466	220055560.52
1189622150	Capacitor	TC121,TC122	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1142522080	Capacitor	TC140,TC141,TC144	Telcordia Issue 1	Level I		3.00	0.004544	.0740	220055560.52
1149610180	Capacitor	TC152,TC155	Telcordia Issue 1	Level I		2.00	0.004544	.0493	220055560.52
1189610151	Capacitor	TC168,TC169,TC170,TC171,TC172	Telcordia Issue 1	Level I		5.00	0.004544	.1233	220055560.52
14S4BD8200	Integrated Circuit	U2	Telcordia Issue 1	Level I	48.40	1.00	0.304032	1.6502	3289126.23
14S4036800	Integrated Circuit	U4	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S4878100	Integrated Circuit	U5	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
14S3050500	Integrated Circuit	U6	Telcordia Issue 1	Level I	40.90	1.00	0.829107	4.5000	1206117.63
14S5A00401	Integrated Circuit	U50,U7	Telcordia Issue 1	Level I		2.00	0.026337	.2859	37969565.62
14S2048800	Integrated Circuit	U9	Telcordia Issue 1	Level I		1.00	0.032235	.1750	31022419.16
14S5A00821	Integrated Circuit	U10,U13,U36,U37,U38,U40,U41,U42, U43,U44,U53	Telcordia Issue 1	Level I		11.00	0.026337	1.5724	37969565.62
14S4288100	Integrated Circuit	U11	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
1314108412	Integrated Circuit	U12,U32	Telcordia Issue 1	Level I		2.00	0.059802	.6492	16721916.86
14S4288300	Integrated Circuit	U14	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
14S2041200	Integrated Circuit	U15	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S4048502	Integrated Circuit	U17,U21	Telcordia Issue 1	Level I		2.00	0.059802	.6492	16721916.86
14S3088801	Integrated Circuit	U18	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S4825740	Integrated Circuit	U19	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
14S4257701	Integrated Circuit	U20	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
14S2200900	Integrated Circuit	U22	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S3052400	Integrated Circuit	U23,U24,U26,U30	Telcordia Issue 1	Level I		4.00	0.059802	1.2983	16721916.86
14S9144200	Integrated Circuit	U25,U27	Telcordia Issue 1	Level I		2.00	0.026337	.2859	37969565.62
14S4021301	Integrated Circuit	U28	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S5A23200	Integrated Circuit	U58	Telcordia Issue 1	Level I	38.70	1.00	0.197003	1.0693	5076052.06
14S5A23200	Integrated Circuit	U29,U59	Telcordia Issue 1	Level I		2.00	0.026337	.2859	37969565.62
14S4195710	Integrated Circuit	U34,U55	Telcordia Issue 1	Level I		2.00	0.059802	.6492	16721916.86
14S5812300	Integrated Circuit	U35	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
14S2047500	Integrated Circuit	U47	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S9661200	Integrated Circuit	U49	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
14S5A12506	Integrated Circuit	U51	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
14S5812502	Integrated Circuit	U52	Telcordia Issue 1	Level I		1.00	0.026337	.1429	37969565.62
14S5A00702	Integrated Circuit	U56,U60,U61	Telcordia Issue 1	Level I		3.00	0.059802	.9737	16721916.86
123131435F	Miscellaneous	Y1	Telcordia Issue 1	Level I		1.00	0.150000	.8141	6666666.67
1231332722	Miscellaneous	Y2	Telcordia Issue 1	Level I		1.00	0.150000	.8141	6666666.67
1231325058	Miscellaneous	Y3,Y4,Y5	Telcordia Issue 1	Level I		3.00	0.150000	2.4424	6666666.67
1651609880	Connection	U1	Telcordia Issue 1	Level I		1.00	0.022878	.1242	43710088.85
1124568280	Capacitor	C189	Telcordia Issue 1	Level I		1.00	0.004544	.0247	220055560.52
11C2568880	Capacitor	C188	Telcordia Issue 1	Level I		1.00	0.004544	.0247	220055560.52
105A510523	Resistor	R237	Telcordia Issue 1	Level I		1.00	0.002272	.0123	440111121.05
1315700211	Semiconductor	Q15	Telcordia Issue 1	Level I		1.00	0.079832	.4333	12526258.32
16515A099W	Connection	DIMM1	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
16515A099Y	Connection	DIMM2	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
1301005444	Semiconductor	D26,D7,D8	Telcordia Issue 1	Level I		3.00	0.023950	.3900	41754194.40
14S6308002	Integrated Circuit	U16	Telcordia Issue 1	Level I		1.00	0.036146	.1962	27665759.41
14S5A01431	Integrated Circuit	U57	Telcordia Issue 1	Level I		1.00	0.059802	.3246	16721916.86
1655404020	Connection	ATX1	Telcordia Issue 1	Level I		1.00	0.002288	.0124	437100888.47
1655424020	Connection	ATX2	Telcordia Issue 1	Level I		1.00	0.013727	.0745	72850148.08
1750220323	Connection	BAT1	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
1654415314	Connection	CN7	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
175910000B	Miscellaneous	BZ1	Telcordia Issue 1	Level I		1.00	0.150000	.8141	6666666.67

AAEON Reliability Prediction Report

Part Number 9697QM5716-D
Reference Des
Date 03. 23, 2011
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name GCS-1500I-B10.RPJ
Time 16:29
Failure Rate 18.424443
MTBF 54,276

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1653003100	Connection	CMOS1,JP7	Telcordia Issue 1	Level I		2.00	0.001144	.0124	874201776.95
1654439501	Connection	CN1	Telcordia Issue 1	Level I		1.00	0.022306	.1211	44830860.36
1655305020	Connection	CN4	Telcordia Issue 1	Level I		1.00	0.002860	.0155	349680710.78
1653004100	Connection	CN6	Telcordia Issue 1	Level I		1.00	0.002288	.0124	437100888.47
1169656132	Capacitor	EC1,EC2	Telcordia Issue 1	Level I		2.00	0.005469	.0594	182842274.63
1119647191	Capacitor	EC4,EC8	Telcordia Issue 1	Level I		2.00	0.071494	.7761	13987228.43
1112633191	Capacitor	EC11,EC9	Telcordia Issue 1	Level I		2.00	0.042896	.4656	23312047.39
1169682192	Capacitor	EC10	Telcordia Issue 1	Level I		1.00	0.005469	.0297	182842274.63
1655004014	Connection	FAN1,FAN2	Telcordia Issue 1	Level I		2.00	0.001144	.0124	874201776.95
1653003101	Connection	JP1,JP2,JP3	Telcordia Issue 1	Level I		3.00	0.001716	.0279	582801184.63
1653003201	Connection	JP4,JP5,JP6	Telcordia Issue 1	Level I		3.00	0.001144	.0186	874201776.95
1654612307	Connection	KM1	Telcordia Issue 1	Level I		1.00	0.001144	.0062	874201776.95
1654232200	Connection	PCIE1	Telcordia Issue 1	Level I		1.00	0.036605	.1987	27318805.53
1654260207	Connection	PCI1	Telcordia Issue 1	Level I		1.00	0.068634	.3725	14570029.62
1655004011	Connection	PWR1	Telcordia Issue 1	Level I		1.00	0.022878	.1242	43710088.85
1654907002	Connection	SATA1,SATA2,SATA3	Telcordia Issue 1	Level I		3.00	0.004004	.0652	249771936.27
1652522207	Connection	USB_LAN1,USB_LAN2	Telcordia Issue 1	Level I		2.00	0.022878	.2483	43710088.85
175011901H	Miscellaneous	BAT1	Telcordia Issue 1	Level I		1.00	0.900000	4.8848	1111111.11
1211101161	Inductor	L9	Telcordia Issue 1	Level I		1.00	0.086342	.4686	11581871.61
1653205203	Connection	COM2	Telcordia Issue 1	Level I		1.00	0.005720	.0310	174840355.39