

GENE-QM77

Reliability Prediction Report

(MTBF)

Summary	Failure Rate: 19.303085 ppm MTBF: 51,805 Hours
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Issue date

Approval

Test Engineer

2012/04/10

Wayne Chen

Jessica Chou

Reliability Prediction (MTBF)

I . Model Name: GENE-QM77

II . Prediction Date: Apr. 10, 2012

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 : 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:

GENE-QM77(9697QM7711-D):

- Failure Rate: 19.303085 ppm

- MTBF: 51,805 Hours

AAEON Reliability Prediction Report

Part Number 9697QM7711-D
Reference Des
Date 04. 10, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00



Description Top-level assembly
File Name GENE-QM77.RPJ
Time 14:58
Failure Rate 19.303085
MTBF 51,805

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
GENE-QM77	9697QM7711-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	19.30	51805.19

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Temp. (°C) 25.00



Description Top-level assembly
File Name GENE-QM77.RPJ
Time 14:58
Failure Rate 19.303085
MTBF 51,805

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
11C2501790	Capacitor	C131,C132,C135, C137,C141,C145, C151,C153,C163, C277,C30,C314,C357, C378,C390,C396, C397,C398,C399, C416,C417,C429, C463,C590,C593, C594,C602,C607,C79	Telcordia Issue 1	Level I		29.00	0.004535	.6814	220487045.01
1129710090	Capacitor	C183,C184,C185, C217,C42	Telcordia Issue 1	Level I		5.00	0.004535	.1175	220487045.01
11E9522680	Capacitor	C164,C168,C45,C66	Telcordia Issue 1	Level I		4.00	0.004535	.0940	220487045.01
1129522790	Capacitor	C140,C308,C321, C323,C336,C354, C368,C369,C370, C407,C64	Telcordia Issue 1	Level I		11.00	0.004535	.2585	220487045.01
1124418090	Capacitor	C125,C127,C616, C617,C69,C70	Telcordia Issue 1	Level I		6.00	0.004535	.1410	220487045.01
11C4522290	Capacitor	C305,C306,C310, C373,C99	Telcordia Issue 1	Level I		5.00	0.004535	.1175	220487045.01
1124427091	Capacitor	C149,C155,C186, C190,C201,C202, C203	Telcordia Issue 1	Level I		7.00	0.004535	.1645	220487045.01
1124547190	Capacitor	C170,C181,C191, C193,C195,C196, C221,C222,C223, C224,C225,C226, C227,C230,C231, C233,C234,C236, C239,C382,C552, C553,C589,C610	Telcordia Issue 1	Level I		24.00	0.004535	.5639	220487045.01
11E1647650	Capacitor	C232	Telcordia Issue 1	Level I		1.00	0.004535	.0235	220487045.01
11E1622060	Capacitor	C242,C249	Telcordia Issue 1	Level I		2.00	0.004535	.0470	220487045.01
11E9547680	Capacitor	C288,C554	Telcordia Issue 1	Level I		2.00	0.004535	.0470	220487045.01
1124533191	Capacitor	C301,C319,C379	Telcordia Issue 1	Level I		3.00	0.004535	.0705	220487045.01
11C4515190	Capacitor	C302,C381	Telcordia Issue 1	Level I		2.00	0.004535	.0470	220487045.01
11E4433090	Capacitor	C307,C349,C361	Telcordia Issue 1	Level I		3.00	0.004535	.0705	220487045.01
11E9547790	Capacitor	C372	Telcordia Issue 1	Level I		1.00	0.004535	.0235	220487045.01
11C1501080	Capacitor	C400	Telcordia Issue 1	Level I		1.00	0.004535	.0235	220487045.01
11C1547890	Capacitor	C418	Telcordia Issue 1	Level I		1.00	0.004535	.0235	220487045.01
1122522890	Capacitor	C536,C537,C614	Telcordia Issue 1	Level I		3.00	0.004535	.0705	220487045.01
11E9647680	Capacitor	C603	Telcordia Issue 1	Level I		1.00	0.004535	.0235	220487045.01
11C4568190	Capacitor	C609	Telcordia Issue 1	Level I		1.00	0.004535	.0235	220487045.01
1301005444	Semiconductor	D1,D2,D27,D28,D29, D31,D37,D38	Telcordia Issue 1	Level I		8.00	0.023881	.9897	41874327.58

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Description Top-level assembly
File Name GENE-QM77.RPJ
Time 14:58
Failure Rate 19.303085
MTBF 51,805

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
1315700216	Semiconductor	Q10,Q11,Q13,Q15, Q19,Q2,Q20,Q21,Q22, Q23,Q26,Q27,Q3,Q30, Q32,Q33,Q34,Q35, Q36,Q37,Q38,Q39,Q4, Q40,Q41,Q42,Q43, Q44,Q45,Q5,Q6	Telcordia Issue 1	Level I		31.00	0.079603	12.7840	12562298.27
1310390413	Semiconductor	Q12,Q28,Q29,Q46, Q47,Q48,Q7	Telcordia Issue 1	Level I		7.00	0.023881	.8660	41874327.58
1311390612	Semiconductor	Q49,Q9	Telcordia Issue 1	Level I		2.00	0.023881	.2474	41874327.58
1540733085	Resistor	RP1	Telcordia Issue 1	Level I		1.00	0.006246	.0324	160102772.00
1540722281	Resistor	RP2	Telcordia Issue 1	Level I		1.00	0.006246	.0324	160102772.00
106B747030	Resistor	RT1,RT3	Telcordia Issue 1	Level I		2.00	0.011379	.1179	87878027.07
106B501032	Resistor	RT2,RT4	Telcordia Issue 1	Level I		2.00	0.011379	.1179	87878027.07
1050505134	Resistor	R2,R41,R656,R657, R658,R659,R660, R661,R662,R663	Telcordia Issue 1	Level I		10.00	0.002268	.1175	440974090.03
105A701059	Resistor	R109,R262,R272, R367,R504,R6,R640, R711,R714	Telcordia Issue 1	Level I		9.00	0.002268	.1057	440974090.03
105A700009	Resistor	R128,R152,R155, R157,R159,R162, R164,R166,R171, R176,R177,R179, R186,R188,R192, R194,R195,R203, R210,R212,R213, R215,R230,R251, R252,R280,R281, R296,R301,R306, R311,R318,R32,R320, R321,R323,R329, R332,R335,R350,	Telcordia Issue 1	Level I		108.00	0.002268	1.2688	440974090.03
105A702229	Resistor	R100,R101,R102, R103,R104,R105, R106,R16,R17,R187, R190,R191,R234, R241,R244,R249, R454,R455,R516, R528,R559,R566, R572,R606,R95,R96, R97,R98,R99	Telcordia Issue 1	Level I		29.00	0.002268	.3407	440974090.03
1050507530	Resistor	R18,R259,R305,R309, R633	Telcordia Issue 1	Level I		5.00	0.002268	.0587	440974090.03

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Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A703309	Resistor	R110,R112,R113, R129,R149,R168, R184,R207,R22,R27, R433,R45,R51,R60, R691	Telcordia Issue 1	Level I		15.00	0.002268	.1762	440974090.03
105A700003	Resistor	R174,R175,R185, R211,R226,R235, R258,R300,R315, R326,R38,R44,R453, R525,R527,R600, R618,R628,R723,R82	Telcordia Issue 1	Level I		20.00	0.002268	.2350	440974090.03
105A501139	Resistor	R317,R415,R49,R587	Telcordia Issue 1	Level I		4.00	0.002268	.0470	440974090.03
105A500139	Resistor	R165,R172,R189, R198,R199,R20,R246, R254,R266,R270, R273,R291,R295, R297,R298,R31,R33, R340,R359,R360, R361,R362,R363, R364,R378,R382, R383,R394,R432, R456,R457,R461,R48, R5,R519,R520,R54, R540,R541,R549, R574,R577,R592,	Telcordia Issue 1	Level I		55.00	0.002268	.6461	440974090.03
105A730009	Resistor	R55	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050584514	Resistor	R57,R619,R620	Telcordia Issue 1	Level I		3.00	0.002268	.0352	440974090.03
105A501539	Resistor	R499,R58,R602,R61	Telcordia Issue 1	Level I		4.00	0.002268	.0470	440974090.03
1050520034	Resistor	R631	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A501039	Resistor	R123,R124,R125, R132,R133,R135, R139,R145,R160, R167,R180,R182, R260,R271,R274, R276,R28,R287,R313, R316,R341,R345, R347,R348,R349,R35, R37,R386,R39,R42, R426,R43,R434,R441, R443,R448,R47,R474, R476,R477,R478, R482,R485,R486,	Telcordia Issue 1	Level I		100.00	0.002268	1.1748	440974090.03
105A566519	Resistor	R342,R612,R615,R68	Telcordia Issue 1	Level I		4.00	0.002268	.0470	440974090.03

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Time 14:58
Failure Rate 19.303085
MTBF 51,805

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105A747009	Resistor	R700,R701,R74,R79	Telcordia Issue 1	Level I		4.00	0.002268	.0470	440974090.03
1054700289	Resistor	R94	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A502039	Resistor	R107,R142,R147, R275,R307,R651, R669,R672,R693, R694,R708	Telcordia Issue 1	Level I		11.00	0.002268	.1292	440974090.03
105A702209	Resistor	R111,R115,R116	Telcordia Issue 1	Level I		3.00	0.002268	.0352	440974090.03
105A515009	Resistor	R117,R118,R119, R220,R221,R222, R237	Telcordia Issue 1	Level I		7.00	0.002268	.0822	440974090.03
105A580623	Resistor	R120	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A708229	Resistor	R121,R122,R127, R131,R134,R136, R137,R151,R154, R156,R158,R333, R337,R338,R500, R508,R513,R522, R585,R589,R590, R595,R703	Telcordia Issue 1	Level I		23.00	0.002268	.2702	440974090.03
105A549969	Resistor	R138,R532	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
105A575009	Resistor	R140,R578	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
105A503039	Resistor	R141,R632,R647, R668,R673	Telcordia Issue 1	Level I		5.00	0.002268	.0587	440974090.03
1050540224	Resistor	R143,R146	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
1050533214	Resistor	R144	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050505633	Resistor	R148	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A701069	Resistor	R150	Telcordia Issue 1	Level I		1.00	0.013606	.0705	73495681.67
1050520004	Resistor	R169,R437,R706	Telcordia Issue 1	Level I		3.00	0.002268	.0352	440974090.03
105A525563	Resistor	R173	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A747039	Resistor	R209,R327	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
105A733009	Resistor	R214,R219,R227, R229,R231,R255, R256,R529,R642, R675	Telcordia Issue 1	Level I		10.00	0.002268	.1175	440974090.03
105A524913	Resistor	R233	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A562034	Resistor	R261	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050505124	Resistor	R269,R285	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
1050505164	Resistor	R288	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050527424	Resistor	R303,R419	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
105A700109	Resistor	R304,R346,R427, R442	Telcordia Issue 1	Level I		4.00	0.002268	.0470	440974090.03
1050518714	Resistor	R312	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A526114	Resistor	R314,R428	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
1050542204	Resistor	R319	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03

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Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00



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File Name GENE-QM77.RPJ
Time 14:58
Failure Rate 19.303085
MTBF 51,805

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1050510034	Resistor	R1,R10,R11,R114, R12,R126,R163,R19, R196,R202,R205,R21, R23,R24,R25,R257, R26,R263,R264,R265, R267,R268,R284,R29, R290,R292,R293, R294,R3,R30,R308, R330,R339,R351, R352,R353,R354,R36, R4,R459,R46,R469, R471,R535,R544,R56, R562,R608,R626, R59,R610	Telcordia Issue 1	Level I		57.00	0.002268	.6696	440974090.03
1050524934	Resistor	R153,R161,R206, R217,R218,R223, R224,R225,R228, R232,R238,R239, R240,R242,R243, R245,R282,R286, R289,R322,R381, R629,R643,R684	Telcordia Issue 1	Level I		24.00	0.002268	.2819	440974090.03
105A507509	Resistor	R372,R388,R654, R664,R665	Telcordia Issue 1	Level I		5.00	0.002268	.0587	440974090.03
105A536513	Resistor	R667	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1059710001	Resistor	R677	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050502234	Resistor	R685	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050502734	Resistor	R687	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1059520001	Resistor	R690	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A700239	Resistor	R707	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1189633193	Capacitor	TC1,TC11	Telcordia Issue 1	Level I		2.00	0.004535	.0470	220487045.01
1189633160	Capacitor	TC14,TC15,TC16,TC2, TC25,TC5,TC6,TC7	Telcordia Issue 1	Level I		8.00	0.004535	.1880	220487045.01
1189622150	Capacitor	TC24,TC3,TC4	Telcordia Issue 1	Level I		3.00	0.004535	.0705	220487045.01
1189615151	Capacitor	TC10,TC12,TC13, TC26,TC8,TC9	Telcordia Issue 1	Level I		6.00	0.004535	.1410	220487045.01
1189656180	Capacitor	TC19,TC20,TC22, TC23	Telcordia Issue 1	Level I		4.00	0.004535	.0940	220487045.01
1315422410	Semiconductor	U1	Telcordia Issue 1	Level I		1.00	0.079603	.4124	12562298.27
14S2321900	Semiconductor	U2	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
1314111715	Integrated Circuit	U3	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S5A00704	Integrated Circuit	U104,U39,U5,U56, U57,U67,U74,U90	Telcordia Issue 1	Level I		8.00	0.026183	1.0851	38193355.79

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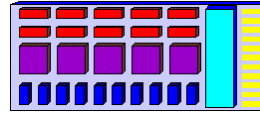


Description Top-level assembly
File Name GENE-QM77.RPJ
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14S5A00601	Integrated Circuit	U15,U6	Telcordia Issue 1	Level I		2.00	0.026183	.2713	38193355.79
14S634022E	Integrated Circuit	U7	Telcordia Issue 1	Level I		1.00	0.026372	.1366	37918485.54
14S3111701	Integrated Circuit	U8	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S3524700	Integrated Circuit	U9	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S3524701	Integrated Circuit	U10	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S3089200	Integrated Circuit	U11	Telcordia Issue 1	Level I	16.70	1.00	0.066335	.3437	15074952.08
1315482410	Semiconductor	U12,U21,U29, U35,U37,U38,U52, U64,U70,U79,U81, U85	Telcordia Issue 1	Level I		12.00	0.079603	4.9486	12562298.27
1315482410	Semiconductor	U23	Telcordia Issue 1	Level I	24.50	1.00	0.152580	.7904	6553950.40
1315482110	Semiconductor	U13,U16,U17,U19, U24,U28,U36,U40, U41,U55	Telcordia Issue 1	Level I		10.00	0.079603	4.1239	12562298.27
14S4872800	Semiconductor	U18	Telcordia Issue 1	Level I		1.00	0.159207	.8248	6281149.14
14S5A12506	Integrated Circuit	U20	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S4021301	Integrated Circuit	U22,U25,U30,U50	Telcordia Issue 1	Level I		4.00	0.059366	1.2302	16844654.92
14S9108500	Integrated Circuit	U26,U32,U33,U92, U93	Telcordia Issue 1	Level I		5.00	0.059366	1.5377	16844654.92
1651609883	Connection	U27	Telcordia Issue 1	Level I		1.00	0.001138	.0059	878780270.71
14S4QM7700	Integrated Circuit	U31	Telcordia Issue 1	Level I	16.30	1.00	0.064949	.3365	15396595.12
1315667910	Semiconductor	U14,U4,U61	Telcordia Issue 1	Level I		3.00	0.159207	2.4743	6281149.14
1315667910	Semiconductor	U42	Telcordia Issue 1	Level I	14.60	1.00	0.237509	1.2304	4210368.55
14S5912300	Integrated Circuit	U43	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S9811500	Integrated Circuit	U44	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S2200900	Integrated Circuit	U45	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S4811102	Integrated Circuit	U47	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S4257900	Integrated Circuit	U48	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S3E00100	Integrated Circuit	U49,U51	Telcordia Issue 1	Level I		2.00	0.059366	.6151	16844654.92
1315970211	Semiconductor	U53,U54,U58	Telcordia Issue 1	Level I		3.00	0.159207	2.4743	6281149.14
14S9751100	Integrated Circuit	U59	Telcordia Issue 1	Level I	22.00	1.00	0.087310	.4523	11453400.75
14S3111600	Integrated Circuit	U60	Telcordia Issue 1	Level I		1.00	0.032000	.1658	31250122.20
1314880510	Semiconductor	U65,U76	Telcordia Issue 1	Level I		2.00	0.079603	.8248	12562298.27
14S4048502	Integrated Circuit	U68,U72	Telcordia Issue 1	Level I		2.00	0.059366	.6151	16844654.92
14S5A01402	Integrated Circuit	U107,U69,U89	Telcordia Issue 1	Level I		3.00	0.026183	.4069	38193355.79
14S2083100	Integrated Circuit	U71	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S5A03200	Integrated Circuit	U73	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S4121601	Integrated Circuit	U75	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S9620800	Integrated Circuit	U77	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S5A00821	Integrated Circuit	U106,U78	Telcordia Issue 1	Level I		2.00	0.026183	.2713	38193355.79
14S2591200	Integrated Circuit	U80	Telcordia Issue 1	Level I	33.90	1.00	0.550264	2.8507	1817310.64

AAEON Reliability Prediction Report

Part Number 9697QM7711-D
Reference Des
Date 04. 10, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00



Description Top-level assembly
File Name GENE-QM77.RPJ
Time 14:58
Failure Rate 19.303085
MTBF 51,805

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
14S5A00702	Integrated Circuit	U82	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S3587000	Integrated Circuit	U83,U84	Telcordia Issue 1	Level I		2.00	0.059366	.6151	16844654.92
14S3121800	Integrated Circuit	U86	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S4081110	Integrated Circuit	U87	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
1315155510	Semiconductor	U88,U91,U94	Telcordia Issue 1	Level I		3.00	0.159207	2.4743	6281149.14
14S4600004	Integrated Circuit	U95	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S5A00802	Integrated Circuit	U102,U103,U96,U97	Telcordia Issue 1	Level I		4.00	0.026183	.5426	38193355.79
14S9341101	Integrated Circuit	U99	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
14S3001501	Integrated Circuit	U100,U101	Telcordia Issue 1	Level I		2.00	0.059366	.6151	16844654.92
1315190100	Semiconductor	U105	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
123132505D	Miscellaneous	Y1,Y3,Y4	Telcordia Issue 1	Level I		3.00	0.150000	2.3312	6666666.67
1231332721	Miscellaneous	Y2	Telcordia Issue 1	Level I		1.00	0.150000	.7771	6666666.67
1231327053	Miscellaneous	Y5	Telcordia Issue 1	Level I		1.00	0.150000	.7771	6666666.67
14S6399041	Integrated Circuit	U66	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
14S3128422	Integrated Circuit	U63	Telcordia Issue 1	Level I		1.00	0.059366	.3075	16844654.92
1304000043	Semiconductor	D10	Telcordia Issue 1	Level I		1.00	0.004877	.0253	205063180.81
14S6212844	Integrated Circuit	U108	Telcordia Issue 1	Level I		1.00	0.026183	.1356	38193355.79
105A521039	Resistor	R609	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
1050525524	Resistor	R580,R586	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
105A519629	Resistor	R568	Telcordia Issue 1	Level I		1.00	0.002268	.0117	440974090.03
105A500239	Resistor	R537,R613	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
105A505629	Resistor	R536,R614	Telcordia Issue 1	Level I		2.00	0.002268	.0235	440974090.03
1655902030	Connection	BAT1	Telcordia Issue 1	Level I		1.00	0.001138	.0059	878780270.71
1655910131	Connection	CN8	Telcordia Issue 1	Level I		1.00	0.001138	.0059	878780270.71
1655305020	Connection	CN1,CN7	Telcordia Issue 1	Level I		2.00	0.002845	.0295	351512108.28
1652602105	Connection	CN2	Telcordia Issue 1	Level I		1.00	0.001138	.0059	878780270.71
1655003022	Connection	CN6	Telcordia Issue 1	Level I		1.00	0.001707	.0088	585853513.81
165321320G	Connection	CN12	Telcordia Issue 1	Level I		1.00	0.014793	.0766	67598482.36
1655306023	Connection	CN17	Telcordia Issue 1	Level I		1.00	0.003414	.0177	292926756.90
1655306020	Connection	CN18	Telcordia Issue 1	Level I		1.00	0.003414	.0177	292926756.90
1655003010	Connection	CN20	Telcordia Issue 1	Level I		1.00	0.001707	.0088	585853513.81
1655302020	Connection	CN22	Telcordia Issue 1	Level I		1.00	0.001138	.0059	878780270.71
165251420B	Connection	CN23,CN24	Telcordia Issue 1	Level I		2.00	0.001138	.0118	878780270.71
1654818301	Connection	CN25	Telcordia Issue 1	Level I		1.00	0.001138	.0059	878780270.71
1654445300	Connection	CN26	Telcordia Issue 1	Level I		1.00	0.025604	.1326	39056900.92
1654409103	Connection	CN27	Telcordia Issue 1	Level I		1.00	0.128018	.6632	7811380.18

