

# EPIC-HD07

## Reliability Prediction Report

### (MTBF)

<b>Summary</b>	Failure Rate: 19.098927 ppm MTBF: 52,359 Hours
----------------	---

Issue date	Approval	Test Engineer
2012/04/13	Wayne Chen	Jessica Chou

# Reliability Prediction (MTBF)

---

**I . Model Name:** EPIC-HD07 (9697HD0705-D)

**II . Prediction Date:** Apr. 13, 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:**

EPIC-HD07(9697HD0705-D):

- Failure Rate: 19.098927 ppm
- MTBF: 52,359 Hours

### AAEON Reliability Prediction Report

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
EPIC-HD07	9697HD0705-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	19.10	52358.96



**AAEON Reliability Prediction Report**

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00

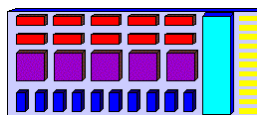


**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1129610051	Capacitor	C115,C118,C127, C131,C180,C183, C189,C192,C196, C197,C198,C201, C202,C252,C256, C257,C263,C265, C266,C272,C277, C290,C370,C384,C40, C403,C408,C409, C421,C43,C430,C45, C454,C490,C494,C50, C512,C540,C541,C55,C75,C83,C91	Telcordia Issue 1	Level I		43.00	0.004535	1.0211	220487045.01
1121610060	Capacitor	C215,C242,C244, C246,C251,C262, C267,C318,C319,C411,C523,C71	Telcordia Issue 1	Level I		12.00	0.004535	.2850	220487045.01
11E9501090	Capacitor	C100,C102,C113, C119,C120,C122, C123,C134,C137, C141,C142,C146, C150,C151,C152, C156,C161,C163, C170,C173,C175, C184,C187,C188, C214,C227,C238, C254,C268,C282, C283,C284,C285, C303,C310,C423, C473,C480,C483,	Telcordia Issue 1	Level I		57.00	0.004535	1.3536	220487045.01
1124427080	Capacitor	C116,C128,C324, C326,C341,C342, C496,C537,C538	Telcordia Issue 1	Level I		9.00	0.004535	.2137	220487045.01
1122722080	Capacitor	C129,C130,C194,C219	Telcordia Issue 1	Level I		4.00	0.000428	.0090	2335167589.64
1189622152	Capacitor	C164,C165,C203, C205,C206,C269,C469	Telcordia Issue 1	Level I		7.00	0.004535	.1662	220487045.01
1189610151	Capacitor	C199,C200,C270,C313,C315	Telcordia Issue 1	Level I		5.00	0.004535	.1187	220487045.01
1124522280	Capacitor	C204,C230,C233, C234,C237,C249,C250	Telcordia Issue 1	Level I		7.00	0.004535	.1662	220487045.01
1124418080	Capacitor	C232,C259	Telcordia Issue 1	Level I		2.00	0.004535	.0475	220487045.01
11E2501080	Capacitor	C243,C245,C248, C258,C273,C274, C275,C278,C279,C513	Telcordia Issue 1	Level I		10.00	0.004535	.2375	220487045.01
1124522680	Capacitor	C271,C286,C288,C293	Telcordia Issue 1	Level I		4.00	0.004535	.0950	220487045.01

### AAEON Reliability Prediction Report

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
11C2510480	Capacitor	C276,C299	Telcordia Issue 1	Level I		2.00	0.004535	.0475	220487045.01
1124410190	Capacitor	C292,C297,C298, C312,C314,C316, C317,C504	Telcordia Issue 1	Level I		8.00	0.004535	.1900	220487045.01
11E1647650	Capacitor	C294,C296,C304, C305,C306,C311	Telcordia Issue 1	Level I		6.00	0.004535	.1425	220487045.01
1124510280	Capacitor	C323,C533,C534	Telcordia Issue 1	Level I		3.00	0.004535	.0712	220487045.01
11E1522680	Capacitor	C428,C432,C434, C452,C460	Telcordia Issue 1	Level I		5.00	0.004535	.1187	220487045.01
1189933180	Capacitor	C441	Telcordia Issue 1	Level I		1.00	0.004535	.0237	220487045.01
11C4547380	Capacitor	C495,C497,C505, C529	Telcordia Issue 1	Level I		4.00	0.004535	.0950	220487045.01
1124522180	Capacitor	C502	Telcordia Issue 1	Level I		1.00	0.004535	.0237	220487045.01
11C1522650	Capacitor	C507	Telcordia Issue 1	Level I		1.00	0.004535	.0237	220487045.01
1124568280	Capacitor	C508,C531	Telcordia Issue 1	Level I		2.00	0.004535	.0475	220487045.01
1124447180	Capacitor	C522	Telcordia Issue 1	Level I		1.00	0.004535	.0237	220487045.01
1301400541	Semiconductor	D1,D13,D14,D15,D17, D29,D35,D40,D43, D46	Telcordia Issue 1	Level I		10.00	0.023881	1.2504	41874327.58
1305100541	Semiconductor	D10,D2,D21,D22,D23, D24,D25,D26,D27, D28,D3,D4,D47,D48, D49,D5,D50,D51,D6, D7,D8,D9	Telcordia Issue 1	Level I		22.00	0.023881	2.7508	41874327.58
1301400642	Semiconductor	D11,D12,D16,D30, D31,D32,D33,D34, D36,D37,D39,D45	Telcordia Issue 1	Level I		12.00	0.023881	1.5005	41874327.58
1301005444	Semiconductor	D19,D20,D38	Telcordia Issue 1	Level I		3.00	0.023881	.3751	41874327.58
12123C0010	Inductor	FB1,FB10,FB14,FB19, FB2,FB20,FB21,FB22, FB23,FB24,FB25, FB26,FB27,FB29, FB36,FB39,FB40,FB6, FB7,FB8,FB9	Telcordia Issue 1	Level I		21.00	0.002268	.2493	440974090.03
12123D0001	Inductor	FB3,FB4,FB5	Telcordia Issue 1	Level I		3.00	0.002268	.0356	440974090.03
12123C0003	Inductor	FB11,FB12,FB13, FB15,FB16,FB17, FB18,FB28	Telcordia Issue 1	Level I		8.00	0.002268	.0950	440974090.03
12123C0006	Inductor	FB30,FB31,FB32, FB33,FB34,FB35, FB37,FB38	Telcordia Issue 1	Level I		8.00	0.002268	.0950	440974090.03
1752000501	Miscellaneous	FS1	Telcordia Issue 1	Level I		1.00	0.003000	.0157	333333333.33
1752001601	Miscellaneous	FS2,FS3	Telcordia Issue 1	Level I		2.00	0.003000	.0314	333333333.33
1304101440	Semiconductor	LED1	Telcordia Issue 1	Level I		1.00	0.004877	.0255	205063180.81
1304000043	Semiconductor	LED2	Telcordia Issue 1	Level I		1.00	0.004877	.0255	205063180.81
121110226N	Inductor	L1,L2	Telcordia Issue 1	Level I		2.00	0.086173	.9024	11604581.32
121110106G	Inductor	L3,L4,L8,L9	Telcordia Issue 1	Level I		4.00	0.086173	1.8048	11604581.32







**AAEON Reliability Prediction Report**

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
105A700009	Resistor	R100,R102,R121, R126,R128,R131, R134,R152,R155, R157,R162,R163, R164,R165,R169, R171,R182,R183, R197,R204,R209, R210,R216,R219, R226,R234,R253, R271,R274,R295, R297,R309,R313, R314,R316,R35,R36, R394,R395,R398,	Telcordia Issue 1	Level I		105.00	0.002268	1.2467	440974090.03
105A702229	Resistor	R149,R153,R173, R195,R196,R238, R239,R324,R333,R42, R517,R520,R532, R534,R63,R675	Telcordia Issue 1	Level I		16.00	0.002268	.1900	440974090.03
105A710039	Resistor	R180,R342,R344, R427,R46,R516,R521, R544,R57,R577,R635, R677	Telcordia Issue 1	Level I		12.00	0.002268	.1425	440974090.03
105A524913	Resistor	R413,R48	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A515009	Resistor	R515,R52,R545,R546, R547,R56,R58	Telcordia Issue 1	Level I		7.00	0.002268	.0831	440974090.03
105A505133	Resistor	R552,R75	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A700003	Resistor	R199,R242,R243, R244,R247,R248, R257,R273,R276, R311,R318,R550,R71, R76	Telcordia Issue 1	Level I		14.00	0.002268	.1662	440974090.03
105A704729	Resistor	R374,R393,R479, R548,R549,R557, R562,R564,R565, R566,R567,R569, R570,R571,R572, R573,R578,R608, R610,R618,R633, R647,R680,R82,R94	Telcordia Issue 1	Level I		25.00	0.002268	.2968	440974090.03
105A502039	Resistor	R282,R299,R483, R551,R554,R555, R576,R624,R95	Telcordia Issue 1	Level I		9.00	0.002268	.1069	440974090.03
105A506803	Resistor	R97	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A531603	Resistor	R98	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A512713	Resistor	R99	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A500233	Resistor	R112,R502,R560	Telcordia Issue 1	Level I		3.00	0.002268	.0356	440974090.03

### AAEON Reliability Prediction Report

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A503933	Resistor	R123	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A551003	Resistor	R124,R145,R268	Telcordia Issue 1	Level I		3.00	0.002268	.0356	440974090.03
105A501233	Resistor	R129	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A501533	Resistor	R135,R138,R443, R455	Telcordia Issue 1	Level I		4.00	0.002268	.0475	440974090.03
105A702239	Resistor	R136,R140,R177, R189	Telcordia Issue 1	Level I		4.00	0.002268	.0475	440974090.03
105A505103	Resistor	R144,R160	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A539263	Resistor	R151	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A720053	Resistor	R156	Telcordia Issue 1	Level I		1.00	0.013606	.0712	73495681.67
1050549904	Resistor	R161,R362,R363, R364, R365, R366, R367, R368, R369	Telcordia Issue 1	Level I		9.00	0.002268	.1069	440974090.03
105A710009	Resistor	R168,R178,R184, R185, R382, R383, R384, R385, R387, R388, R389, R390, R391, R392, R622	Telcordia Issue 1	Level I		15.00	0.002268	.1781	440974090.03
105A501053	Resistor	R200,R379,R381, R563, R581, R667	Telcordia Issue 1	Level I		6.00	0.002268	.0712	440974090.03
105A511823	Resistor	R201	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A593103	Resistor	R203	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A702269	Resistor	R207,R227,R228, R233, R240, R249, R250, R251, R260, R312, R607, R621, R653, R656, R657	Telcordia Issue 1	Level I		15.00	0.002268	.1781	440974090.03
105A539213	Resistor	R213, R214	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A556213	Resistor	R215, R223, R70	Telcordia Issue 1	Level I		3.00	0.002268	.0356	440974090.03
105A510053	Resistor	R232, R275	Telcordia Issue 1	Level I		2.00	0.013606	.1425	73495681.67
105A520033	Resistor	R246	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A505123	Resistor	R280	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A513033	Resistor	R283, R291	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A525523	Resistor	R286	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A549923	Resistor	R287, R654	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A504333	Resistor	R288	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A506823	Resistor	R289, R292	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A525513	Resistor	R290	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A549963	Resistor	R293, R298, R300, R303	Telcordia Issue 1	Level I		4.00	0.002268	.0475	440974090.03
105A502733	Resistor	R294, R304	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03

### AAEON Reliability Prediction Report

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A503033	Resistor	R302	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A501333	Resistor	R306	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A501633	Resistor	R307	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A561933	Resistor	R308	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A530003	Resistor	R499,R501,R505	Telcordia Issue 1	Level I		3.00	0.002268	.0356	440974090.03
105A559003	Resistor	R504	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A548723	Resistor	R556	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
1059710001	Resistor	R584,R585	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
1059722001	Resistor	R586	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A566503	Resistor	R604,R611,R639, R644	Telcordia Issue 1	Level I		4.00	0.002268	.0475	440974090.03
105A534823	Resistor	R627	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A527423	Resistor	R628	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A528723	Resistor	R632	Telcordia Issue 1	Level I		1.00	0.002268	.0119	440974090.03
105A507533	Resistor	R637,R645	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
14S5812502	Integrated Circuit	U1	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
1315686110	Semiconductor	U2,U3,U50,U51	Telcordia Issue 1	Level I		4.00	0.079603	1.6672	12562298.27
14S4048503	Integrated Circuit	U4,U5	Telcordia Issue 1	Level I		2.00	0.059366	.6217	16844654.92
14S2200900	Integrated Circuit	U6	Telcordia Issue 1	Level I		1.00	0.059366	.3108	16844654.92
14S5A12506	Integrated Circuit	U29,U7	Telcordia Issue 1	Level I		2.00	0.026183	.2742	38193355.79
14S4021301	Integrated Circuit	U10,U11,U12,U31, U34,U35	Telcordia Issue 1	Level I		6.00	0.059366	1.8650	16844654.92
14S4010200	Integrated Circuit	U13	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S5A00821	Integrated Circuit	U14,U15	Telcordia Issue 1	Level I		2.00	0.026183	.2742	38193355.79
14S3524700	Integrated Circuit	U16	Telcordia Issue 1	Level I		1.00	0.059366	.3108	16844654.92
14S3973100	Integrated Circuit	U19	Telcordia Issue 1	Level I	51.10	1.00	1.443442	7.5577	692788.32
14S3973100	Integrated Circuit	U20	Telcordia Issue 1	Level I		1.00	0.059366	.3108	16844654.92
14S5A00704	Integrated Circuit	U21	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S5A00703	Integrated Circuit	U23	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
1315155510	Semiconductor	U24,U25,U26	Telcordia Issue 1	Level I		3.00	0.159207	2.5008	6281149.14
14S3052400	Integrated Circuit	U27,U28	Telcordia Issue 1	Level I		2.00	0.059366	.6217	16844654.92
14S5A00401	Integrated Circuit	U30	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S4811102	Integrated Circuit	U32	Telcordia Issue 1	Level I	32.70	1.00	0.148015	.7750	6756084.82
14S4811102	Integrated Circuit	U33	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S4010300	Integrated Circuit	U36	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S3524701	Integrated Circuit	U39	Telcordia Issue 1	Level I		1.00	0.059366	.3108	16844654.92
14S4T56N00	Integrated Circuit	U40	Telcordia Issue 1	Level I	41.20	1.00	0.219838	1.1510	4548802.01
14S4186600	Integrated Circuit	U41	Telcordia Issue 1	Level I	30.20	1.00	0.131245	.6872	7619342.39

### AAEON Reliability Prediction Report

**Part Number** 9697HD0705-D  
**Reference Des**  
**Date** 04. 13, 2012  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EPIC-HD07.RPJ  
**Time** 9:52  
**Failure Rate** 19.098927  
**MTBF** 52,359

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
14S4A55E00	Integrated Circuit	U43	Telcordia Issue 1	Level I	31.60	1.00	0.140419	.7352	7121564.23
14S3121600	Integrated Circuit	U44	Telcordia Issue 1	Level I		1.00	0.032000	.1675	31250122.20
14S3066200	Integrated Circuit	U45	Telcordia Issue 1	Level I	29.20	1.00	0.415397	2.1750	2407335.94
14S4600004	Integrated Circuit	U46	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S3112400	Integrated Circuit	U47	Telcordia Issue 1	Level I	39.80	1.00	0.774542	4.0554	1291086.11
14S3838000	Integrated Circuit	U48	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
14S3112300	Integrated Circuit	U49	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
123132505D	Miscellaneous	Y1,Y2,Y4,Y5	Telcordia Issue 1	Level I		4.00	0.150000	3.1415	6666666.67
1231332721	Miscellaneous	Y3	Telcordia Issue 1	Level I		1.00	0.150000	.7854	6666666.67
1305099140	Semiconductor	D52,D53	Telcordia Issue 1	Level I		2.00	0.079603	.8336	12562298.27
1231327053	Miscellaneous	Y6	Telcordia Issue 1	Level I		1.00	0.150000	.7854	6666666.67
14S4081102	Integrated Circuit	U53	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
105A551119	Resistor	R684,R685	Telcordia Issue 1	Level I		2.00	0.002268	.0237	440974090.03
105A701529	Resistor	R16,R17,R49,R50	Telcordia Issue 1	Level I		4.00	0.002268	.0475	440974090.03
121110336L	Inductor	L6,L7	Telcordia Issue 1	Level I		2.00	0.086173	.9024	11604581.32
14S6399040	Integrated Circuit	U38	Telcordia Issue 1	Level I	38.90	1.00	0.735753	3.8523	1359150.91
14S3128422	Integrated Circuit	U42	Telcordia Issue 1	Level I		1.00	0.059366	.3108	16844654.92
16515A2994	Connection	SO-DIMM1	Telcordia Issue 1	Level I		1.00	0.001138	.0060	878780270.71
14S9751100	Integrated Circuit	U37	Telcordia Issue 1	Level I	38.10	1.00	0.190745	.9987	5242592.80
14S4195710	Integrated Circuit	U54	Telcordia Issue 1	Level I		1.00	0.059366	.3108	16844654.92
175011901C	Miscellaneous	BATTERY1	Telcordia Issue 1	Level I		1.00	0.900000	4.7123	1111111.11
14S6203204	Integrated Circuit	BIOS1	Telcordia Issue 1	Level I		1.00	0.026183	.1371	38193355.79
1655902030	Connection	BT1	Telcordia Issue 1	Level I		1.00	0.001138	.0060	878780270.71
175910000B	Miscellaneous	BUZZ1	Telcordia Issue 1	Level I		1.00	0.150000	.7854	6666666.67
1655305020	Connection	CN4,CN5	Telcordia Issue 1	Level I		2.00	0.002845	.0298	351512108.28
1655302020	Connection	CN6	Telcordia Issue 1	Level I		1.00	0.001138	.0060	878780270.71
1653130420	Connection	CN10	Telcordia Issue 1	Level I		1.00	0.001138	.0060	878780270.71
1655404020	Connection	CN11	Telcordia Issue 1	Level I		1.00	0.002276	.0119	439390135.35
1655003010	Connection	CN12	Telcordia Issue 1	Level I		1.00	0.001707	.0089	585853513.81
1655910131	Connection	CN13,CN7	Telcordia Issue 1	Level I		2.00	0.001138	.0119	878780270.71
1654418103	Connection	COM1	Telcordia Issue 1	Level I		1.00	0.010241	.0536	97642252.30
1655909031	Connection	COM3,COM4	Telcordia Issue 1	Level I		2.00	0.005121	.0536	195284504.60
1181610191	Capacitor	C309	Telcordia Issue 1	Level I		1.00	0.004535	.0237	220487045.01
1653002101	Connection	JP1,JP10,JP8	Telcordia Issue 1	Level I		3.00	0.001138	.0179	878780270.71
1653003201	Connection	JP2,JP4,JP5,JP6	Telcordia Issue 1	Level I		4.00	0.001138	.0238	878780270.71
1653003101	Connection	JP3,JP7,JP9	Telcordia Issue 1	Level I		3.00	0.001707	.0268	585853513.81

