

COM-U15

Reliability Prediction Report

(MTBF)

Summary	Failure Rate: 9.957118 ppm MTBF: 100,431 Hours
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Issue date	Approval	Test Engineer
2010/08/06	Jansin Lee	Jessica Chou

Reliability Prediction (MTBF)

I . Model Name: TF-COM-U15-A20

II . Prediction Date: Aug. 6th, 2010

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: 25.3 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:

TF-COM-U15-A20

- Failure Rate: 9.957118 ppm

- MTBF: 100,431 Hours

AAEON Reliability Prediction Report

Part Number 9697MENL0D-D
Reference Des
Date 08. 6, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30

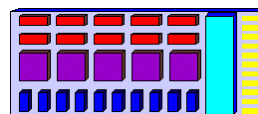


Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
TF-COM-U15-A20	9697MENL0D-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	9.96	100430.67

AAEON Reliability Prediction Report

Part Number 9697MENL0D-D
Reference Des
Date 08. 6, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30



Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
16515A099B	Connection	CN1	Telcordia Issue 1	Level I	31.90	1.00	0.519513	5.2175	1924879.17
16540M0001	Connection	CN3,CN4	Telcordia Issue 1	Level I		2.00	0.127149	2.5539	7864776.40
1655902130	Connection	CN6	Telcordia Issue 1	Level I		1.00	0.001156	.0116	865125403.57
1121501690	Capacitor	C100,C101,C112, C114,C117,C118, C120,C121,C122, C123,C124,C125, C127,C129,C130, C131,C132,C133, C134,C135,C136, C137,C138,C140, C141,C145,C146, C148,C151,C171, C180,C181,C184, C185,C186,C187, C188,C19,C191,C	Telcordia Issue 1	Level I		139.00	0.004562	6.3687	219195994.91
1129610080	Capacitor	C10,C115,C116,C12, C128,C142,C143, C152,C153,C154, C155,C157,C158, C160,C167,C172, C175,C194,C196, C213,C224,C237, C250,C267,C270, C271,C276,C291, C295,C301,C315, C317,C318,C358, C360,C40,C41,C45, C46,C47,C61,C68	Telcordia Issue 1	Level I		44.00	0.004562	2.0160	219195994.91
11E9501091	Capacitor	C149,C159,C162, C165,C168,C198, C199,C200,C201, C202,C203,C204, C205,C206,C207, C211,C214,C217, C218,C219,C220, C221,C222,C229, C234,C236,C239, C240,C241,C242, C243,C244,C247, C252,C254,C255, C256,C257,C258,	Telcordia Issue 1	Level I		65.00	0.004562	2.9782	219195994.91

AAEON Reliability Prediction Report

Part Number 9697MENL0D-D
Reference Des
Date 08. 6, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30



Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
11E1522680	Capacitor	C126,C147,C320,C51, C57	Telcordia Issue 1	Level I		5.00	0.004562	.2291	219195994.91
1129710090	Capacitor	C161,C294,C304, C332,C54,C55	Telcordia Issue 1	Level I		6.00	0.004562	.2749	219195994.91
11C2510480	Capacitor	C102,C316,C59,C73, C74,C90,C94	Telcordia Issue 1	Level I		7.00	0.004562	.3207	219195994.91
11E9647680	Capacitor	C209,C210,C225, C281,C285,C66,C67, C680	Telcordia Issue 1	Level I		8.00	0.004562	.3665	219195994.91
11C2522650	Capacitor	C339,C72,C75,C82, C96	Telcordia Issue 1	Level I		5.00	0.004562	.2291	219195994.91
11E2510060	Capacitor	C110,C139,C169, C308,C310,C311, C312,C340,C341, C346,C92	Telcordia Issue 1	Level I		11.00	0.004562	.5040	219195994.91
1124427080	Capacitor	C109,C98	Telcordia Issue 1	Level I		2.00	0.004562	.0916	219195994.91
11E2501080	Capacitor	C113,C328,C651	Telcordia Issue 1	Level I		3.00	0.004562	.1375	219195994.91
1129610051	Capacitor	C144	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1129701790	Capacitor	C164,C287,C307, C355,C356,C357, C361,C368,C369, C664	Telcordia Issue 1	Level I		10.00	0.004562	.4582	219195994.91
1129710390	Capacitor	C156,C319,C658, C661	Telcordia Issue 1	Level I		4.00	0.004562	.1833	219195994.91
1124522280	Capacitor	C183	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
11E9622050	Capacitor	C189	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1124433080	Capacitor	C192,C193,C364	Telcordia Issue 1	Level I		3.00	0.004562	.1375	219195994.91
1121647780	Capacitor	C297	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1124533280	Capacitor	C300	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1124405080	Capacitor	C363	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1129747090	Capacitor	C663	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
11C4515190	Capacitor	C672,C673	Telcordia Issue 1	Level I		2.00	0.004562	.0916	219195994.91
1122522890	Capacitor	C682	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
11E2647650	Capacitor	C684,C685	Telcordia Issue 1	Level I		2.00	0.004562	.0916	219195994.91
1124415080	Capacitor	C686	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1124518180	Capacitor	C687	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1124410190	Capacitor	C689	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1301053040	Semiconductor	D43,D8	Telcordia Issue 1	Level I		2.00	0.024088	.4838	41515203.19
1301005442	Semiconductor	D13,D19,D20	Telcordia Issue 1	Level I		3.00	0.024088	.7257	41515203.19
1300001440	Semiconductor	D11,D4,D5,D6	Telcordia Issue 1	Level I		4.00	0.024088	.9677	41515203.19
1301005440	Semiconductor	D12,D15,D22	Telcordia Issue 1	Level I		3.00	0.024088	.7257	41515203.19
1305099140	Semiconductor	D16,D17	Telcordia Issue 1	Level I		2.00	0.080292	1.6128	12454560.96
1300581940	Semiconductor	D44	Telcordia Issue 1	Level I		1.00	0.080292	.8064	12454560.96
1212306033	Inductor	FB1,FB2,FB4	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
1212306031	Inductor	FB5,FB6	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82

AAEON Reliability Prediction Report

Part Number 9697MENL0D-D
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Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30



Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1653003202	Connection	JP1	Telcordia Issue 1	Level I		1.00	0.003468	.0348	288375134.52
1653002204	Connection	JP2	Telcordia Issue 1	Level I		1.00	0.001156	.0116	865125403.57
121110226C	Inductor	L1	Telcordia Issue 1	Level I	28.50	1.00	0.144166	1.4479	6936449.44
1211101066	Inductor	L2	Telcordia Issue 1	Level I		1.00	0.086680	.8705	11536631.31
121110336P	Inductor	L3	Telcordia Issue 1	Level I		1.00	0.086680	.8705	11536631.31
121110336L	Inductor	L4	Telcordia Issue 1	Level I	34.80	1.00	0.159441	1.6013	6271911.33
121110336L	Inductor	L5	Telcordia Issue 1	Level I	40.00	1.00	0.172772	1.7352	5787971.99
1315422410	Semiconductor	Q1,Q9	Telcordia Issue 1	Level I		2.00	0.080292	1.6128	12454560.96
1315422410	Semiconductor	Q7	Telcordia Issue 1	Level I	34.10	1.00	0.193135	1.9397	5177735.90
1315700216	Semiconductor	Q17,Q2,Q24,Q26,Q27, Q3,Q36,Q37,Q42,Q44	Telcordia Issue 1	Level I		10.00	0.080292	8.0638	12454560.96
1311138610	Semiconductor	Q29,Q5	Telcordia Issue 1	Level I		2.00	0.024088	.4838	41515203.19
1315033510	Semiconductor	Q32,Q8	Telcordia Issue 1	Level I		2.00	0.000000	.0000	.00
1315446310	Semiconductor	Q10	Telcordia Issue 1	Level I		1.00	0.080292	.8064	12454560.96
1310390413	Semiconductor	Q11,Q12,Q25,Q31, Q33,Q35,Q38,Q43	Telcordia Issue 1	Level I		8.00	0.024088	1.9353	41515203.19
131411171C	Integrated Circuit	Q13	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
1315495710	Integrated Circuit	Q15	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
1314108412	Integrated Circuit	Q18	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
1315442010	Integrated Circuit	Q20	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
1311390612	Semiconductor	Q28	Telcordia Issue 1	Level I		1.00	0.024088	.2419	41515203.19
1315230511	Semiconductor	Q30	Telcordia Issue 1	Level I		1.00	0.080292	.8064	12454560.96
1314880010	Integrated Circuit	Q34,Q39	Telcordia Issue 1	Level I		2.00	0.060682	1.2189	16479361.92
14S3880000	Integrated Circuit	Q41	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
1315313800	Semiconductor	Q46	Telcordia Issue 1	Level I		1.00	0.080292	.8064	12454560.96
1540782282	Resistor	RP1,RP2	Telcordia Issue 1	Level I		2.00	0.012664	.2544	78961933.93
1540722085	Resistor	RP3,RP4,RP5,RP6, RP7	Telcordia Issue 1	Level I		5.00	0.012664	.6359	78961933.93
105A510003	Resistor	RT4	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A703309	Resistor	R207,R62,R64,R66, R68,R70,R73,R75, R80,R81,R82,R83, R86	Telcordia Issue 1	Level I		13.00	0.002281	.2978	438391989.82
105A710039	Resistor	R352,R375	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82

AAEON Reliability Prediction Report

Part Number 9697MENL0D-D
Reference Des
Date 08. 6, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30



Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A705609	Resistor	R102,R103,R104, R105,R309,R313, R316,R72,R74,R76, R79,R84,R85	Telcordia Issue 1	Level I		13.00	0.002281	.2978	438391989.82
105A704723	Resistor	R227,R267,R338, R398,R89,R96	Telcordia Issue 1	Level I		6.00	0.002281	.1375	438391989.82
105A700003	Resistor	R248,R249,R278, R283,R286,R295, R299,R406,R429,R90	Telcordia Issue 1	Level I		10.00	0.002281	.2291	438391989.82
105A527469	Resistor	R289,R323,R92	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
1059700001	Resistor	R270,R300,R337, R462,R664,R93	Telcordia Issue 1	Level I		6.00	0.002281	.1375	438391989.82
105A702209	Resistor	R154,R348,R369, R370,R463,R465, R466,R468,R94	Telcordia Issue 1	Level I		9.00	0.002281	.2062	438391989.82
105A568003	Resistor	R97	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A703909	Resistor	R98	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A560469	Resistor	R285,R291,R294, R298,R99	Telcordia Issue 1	Level I		5.00	0.002281	.1145	438391989.82
105A715009	Resistor	R100,R243,R244	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
105A710053	Resistor	R106	Telcordia Issue 1	Level I		1.00	0.013686	.1375	73065331.64
105A502039	Resistor	R112	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A704729	Resistor	R122,R136,R183, R184,R399,R404, R428,R496,R500, R660,R662,R670	Telcordia Issue 1	Level I		12.00	0.002281	.2749	438391989.82
1050540224	Resistor	R124,R127,R128	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
105A702033	Resistor	R133	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A704739	Resistor	R187,R460	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
105A549919	Resistor	R190	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
1050520004	Resistor	R194,R197,R259	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
105A700133	Resistor	R201,R203,R405, R407,R421	Telcordia Issue 1	Level I		5.00	0.002281	.1145	438391989.82
1050512104	Resistor	R214,R216,R217, R218,R219,R220, R221,R222,R223, R224,R225,R226, R229,R230,R231, R232,R233,R234, R235,R236,R237, R238,R239,R240, R241	Telcordia Issue 1	Level I		25.00	0.002281	.5727	438391989.82
105A518703	Resistor	R242	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A511503	Resistor	R246	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A700109	Resistor	R250,R408	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
105A535713	Resistor	R251,R356	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82

AAEON Reliability Prediction Report

Part Number 9697MENL0D-D
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Date 08. 6, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30



Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A575033	Resistor	R253	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A512103	Resistor	R255	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A701009	Resistor	R256,R257,R265, R266,R269,R622	Telcordia Issue 1	Level I		6.00	0.002281	.1375	438391989.82
105A702229	Resistor	R260,R390,R431, R432	Telcordia Issue 1	Level I		4.00	0.002281	.0916	438391989.82
105A530163	Resistor	R276	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A500133	Resistor	R279,R280,R281	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
105A500239	Resistor	R284,R318	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
105A554969	Resistor	R288,R324	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
1050524904	Resistor	R297,R306,R314	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
105A522663	Resistor	R307	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A701003	Resistor	R308	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A522103	Resistor	R328	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A540213	Resistor	R336	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A701053	Resistor	R347	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A733009	Resistor	R387,R403	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
105A506223	Resistor	R389	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A507533	Resistor	R411	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A501533	Resistor	R414	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A708229	Resistor	R415,R425,R501	Telcordia Issue 1	Level I		3.00	0.002281	.0687	438391989.82
105A706829	Resistor	R422,R659	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
105A701233	Resistor	R456	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A701059	Resistor	R457	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A708209	Resistor	R464,R467,R469, R658	Telcordia Issue 1	Level I		4.00	0.002281	.0916	438391989.82
105A512033	Resistor	R610	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A730039	Resistor	R618	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A588703	Resistor	R625	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A502833	Resistor	R630	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
1050549904	Resistor	R632	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A517423	Resistor	R634	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A502223	Resistor	R639	Telcordia Issue 1	Level I		1.00	0.002281	.0229	438391989.82
105A513033	Resistor	R642,R643	Telcordia Issue 1	Level I		2.00	0.002281	.0458	438391989.82
1600010203	Connection	S1	Telcordia Issue 1	Level I		1.00	0.001156	.0116	865125403.57
1189647180	Capacitor	TC1	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1189633160	Capacitor	TC2,TC8,TC9	Telcordia Issue 1	Level I		3.00	0.004562	.1375	219195994.91
1182633080	Capacitor	TC12,TC4	Telcordia Issue 1	Level I		2.00	0.004562	.0916	219195994.91

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Date 08. 6, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.30



Description Top-level assembly
File Name TF-COM-U15-A20.RPJ
Time 10:11
Failure Rate 9.957118
MTBF 100,431

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1189622188	Capacitor	TC5	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
1189615151	Capacitor	TC11,TC6	Telcordia Issue 1	Level I		2.00	0.004562	.0916	219195994.91
1189615161	Capacitor	TC7	Telcordia Issue 1	Level I		1.00	0.043346	.4353	23070010.76
1189622150	Capacitor	TC13	Telcordia Issue 1	Level I		1.00	0.004562	.0458	219195994.91
14S4005000	Integrated Circuit	U1	Telcordia Issue 1	Level I	26.10	1.00	0.108934	1.0940	9179881.48
14S4821500	Integrated Circuit	U3	Telcordia Issue 1	Level I	26.00	1.00	0.108395	1.0886	9225548.48
14S62U150B	Integrated Circuit	U13	Telcordia Issue 1	Level I	31.90	1.00	0.144519	1.4514	6919526.72
14S4900100	Integrated Circuit	U5	Telcordia Issue 1	Level I	24.30	1.00	0.312974	3.1432	3195151.78
14S4825740	Integrated Circuit	U12	Telcordia Issue 1	Level I	29.40	1.00	0.128098	1.2865	7806523.40
14S4751100	Integrated Circuit	U16	Telcordia Issue 1	Level I	31.00	1.00	0.138407	1.3900	7225068.65
14S2048600	Integrated Circuit	U17	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
14S3621601	Integrated Circuit	U14	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
14S9781800	Integrated Circuit	U22	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
14S2041500	Integrated Circuit	U25	Telcordia Issue 1	Level I		1.00	0.060682	.6094	16479361.92
14S6308001	Integrated Circuit	U26	Telcordia Issue 1	Level I		1.00	0.036678	.3684	27264461.71
14S2041700	Integrated Circuit	U28	Telcordia Issue 1	Level I		1.00	0.026648	.2676	37526359.19
14S4033001	Integrated Circuit	U29	Telcordia Issue 1	Level I	36.70	1.00	0.181261	1.8204	5516909.39
14S2045400	Integrated Circuit	U38	Telcordia Issue 1	Level I	33.30	1.00	0.540605	5.4293	1849779.34
1231332722	Miscellaneous	Y1	Telcordia Issue 1	Level I		1.00	0.150000	1.5065	6666666.67
123132505D	Miscellaneous	Y3,Y6	Telcordia Issue 1	Level I		2.00	0.150000	3.0129	6666666.67
123131435J	Miscellaneous	Y4	Telcordia Issue 1	Level I		1.00	0.150000	1.5065	6666666.67
1233310040	Miscellaneous	Y5	Telcordia Issue 1	Level I		1.00	0.360000	3.6155	2777777.78
14S821280F	Integrated Circuit	U23	Telcordia Issue 1	Level I	30.00	1.00	0.443971	4.4588	2252397.35