



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

GENE-6320

Reliability Prediction Report

(MTBF)

Release Date: Oct , 03 , 2002

Issue Stamp

QE Manager

Test Engineer

Reliability Prediction (MTBF)

- . Model Name: GENE-6320 (Rev.A1.0)
- . Description: Mother Board. Mobile Intel Pentium III 700MHz LP processor -M (700MHz) (BGA2)
- . Prediction Date: Oct. 05, 2002
- . Prediction Site: AAEON QE Dept.
- . Predicted by : Rex Chang
- . Equipment: Relx Ver.7.2 Visual Reliability Software
- . Simulation Environment:
 - Temperature: 25 degrees C(No temperature rise condition)
 - Standard: Telcordia (Bellcore) Standard

. 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.

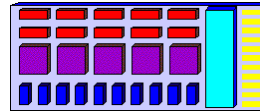
IX. Prediction Result:

Failure Rate: 9.386454ppm
MTBF: 106,537Hours (about 12.16 years)

X. Prediction Table:

AAEON Reliability Prediction Report

Part Number System
Reference Des
Date 10. 3, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00

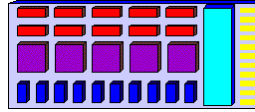


Description Top-level assembly
File Name 6320.RPJ
Time 1:13 PM
Failure Rate 9.386454
MTBF 106,537

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
System	System	Bellcore	Method I Case 3	GF, GU - Ground Fixed,	100.00	1.00	9.386454	106,537

AAEON Reliability Prediction Report

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Temperature 25.00

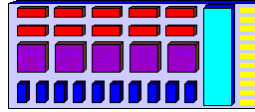


Description Top-level assembly
File Name 6320.RPJ
Time 1:13 PM
Failure Rate 9.386454
MTBF 106,537

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1750119014	Miscellaneous	BAT1	Bellcore Issue 6	Level I		0.900000	1.00	9.5883	0.900000	1111111.11
1653006100	Connection	CN2	Bellcore Issue 6	Level I		0.004552	1.00	.0485	0.004552	219695067.68
1652514200	Connection	CN13	Bellcore Issue 6	Level I		0.007966	1.00	.0849	0.007966	125540038.67
1655305020	Connection	CN15	Bellcore Issue 6	Level I		0.002845	1.00	.0303	0.002845	351512108.28
1655306020	Connection	CN16	Bellcore Issue 6	Level I		0.003414	1.00	.0364	0.003414	292926756.90
1655303100	Connection	JP4-5	Bellcore Issue 6	Level I		0.001707	2.00	.0364	0.003414	585853513.81
1655304020	Connection	CN18	Bellcore Issue 6	Level I		0.002276	1.00	.0242	0.002276	439390135.35
1654409103	Connection	CN19	Bellcore Issue 6	Level I		0.005121	1.00	.0546	0.005121	195284504.60
1654515302	Connection	CN21	Bellcore Issue 6	Level I		0.008535	1.00	.0909	0.008535	117170702.76
14S6202000	Integrated Circuit	U5	Bellcore Issue 6	Level I		0.136173	1.00	1.4507	0.136173	7343591.05
1653005201	Connection	CN1	Bellcore Issue 6	Level I		0.005690	1.00	.0606	0.005690	175756054.14
1653007201	Connection	CN12	Bellcore Issue 6	Level I		0.007966	1.00	.0849	0.007966	125540038.67
1652514201	Connection	CN14	Bellcore Issue 6	Level I		0.007966	1.00	.0849	0.007966	125540038.67
1655003000	Connection	CN17	Bellcore Issue 6	Level I		0.001707	1.00	.0182	0.001707	585853513.81
1653130424	Connection	PCI1	Bellcore Issue 6	Level I		0.068276	1.00	.7274	0.068276	14646337.85
1654606301	Connection	CN20	Bellcore Issue 6	Level I		0.003414	1.00	.0364	0.003414	292926756.90
1653003201	Connection	JP1-2,JP3*2	Bellcore Issue 6	Level I		0.003414	4.00	.1455	0.013655	292926756.90
1189633180	Capacitor	BC1	Bellcore Issue 6	Level I		0.004933	1.00	.0526	0.004933	202722669.92
1189615182	Capacitor	BC9-10,BC4	Bellcore Issue 6	Level I		0.004933	3.00	.1577	0.014799	202722669.92
1189633080	Capacitor	BC3	Bellcore Issue 6	Level I	9.10	0.005865	1.00	.0625	0.005865	170512015.90
1189627180	Capacitor	BC6	Bellcore Issue 6	Level I		0.253894	1.00	2.7049	0.253894	3938653.61
1181647080	Capacitor	BC8	Bellcore Issue 6	Level I		0.002357	1.00	.0251	0.002357	424256814.77
14S4244300	Integrated Circuit	U7	Bellcore Issue 6	Level I	3.20	0.039018	1.00	.4157	0.039018	25629255.67
14S4254000	Integrated Circuit	U9	Bellcore Issue 6	Level I		0.039296	1.00	.4186	0.039296	25448028.36
14S4193800	Integrated Circuit	U10	Bellcore Issue 6	Level I	15.30	0.092445	1.00	.9849	0.092445	10817209.06
1315970110	Semiconductor	U12,U18,U27	Bellcore Issue 6	Level I		0.159207	3.00	5.0884	0.477620	6281149.14
14S4070610	Integrated Circuit	U14	Bellcore Issue 6	Level I		0.059366	1.00	.6325	0.059366	16844654.92
14S4021300	Integrated Circuit	U15,U26	Bellcore Issue 6	Level I		0.059366	2.00	1.2649	0.118732	16844654.92
14S3128420	Integrated Circuit	U17	Bellcore Issue 6	Level I		0.059366	1.00	.6325	0.059366	16844654.92
14S4397702	Integrated Circuit	U21	Bellcore Issue 6	Level I	5.50	0.053978	1.00	.5751	0.053978	18526004.05
14S5324500	Integrated Circuit	U22	Bellcore Issue 6	Level I	11.80	0.112202	1.00	1.1954	0.112202	8912496.57

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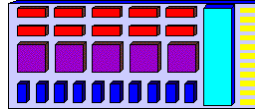


Description Top-level assembly
File Name 6320.RPJ
Time 1:13 PM
Failure Rate 9.386454
MTBF 106,537

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
14S6336600	Integrated Circuit	U24	Bellcore Issue 6	Level I		0.040893	1.00	.4357	0.040893	24453781.69
1231314350	Miscellaneous	Y1	Bellcore Issue 6	Level I		0.150000	1.00	1.5980	0.150000	6666666.67
1231332721	Miscellaneous	Y2	Bellcore Issue 6	Level I		0.150000	1.00	1.5980	0.150000	6666666.67
1213130008	Inductor	BP4	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
1213106008	Inductor	BP5-10	Bellcore Issue 6	Level I		0.002268	6.00	.1450	0.013606	440974090.03
105A747003	Resistor	R13,R202,R213,R376-377	Bellcore Issue 6	Level I		0.002268	5.00	.1208	0.011339	440974090.03
105A700133	Resistor	R111,R17,R172-173,RR179,R192,- R194,R197-198,R23,R29,R342,R3- 80	Bellcore Issue 6	Level I		0.002268	13.00	.3141	0.029480	440974090.03
105A505603	Resistor	R28,R74	Bellcore Issue 6			0.000756	2.00	.0161	0.001512	1322922270.09
1653925212	Connection	CN22	Bellcore Issue 6	Level I		0.028449	1.00	.3031	0.028449	35151210.83
1174510080	Capacitor	CP4	Bellcore Issue 6	Level I		0.001060	4.00	.0452	0.004241	943198589.05
1121501680	Capacitor	C101-102,C104-111,C113-120,C1- 22-125,C127-130,C132,C135,C137- -140,C143-145,C147-151,C153-15- 5,C159-160,C162-164,C166-167,C- 169-173,C175-186,C18,C193-194,- C196-198,C205-206,C208-213,C2- 18,C220,C223-226,C228,C230,C24- 0-241,C246-247,C249,C251,C253-- 255,C264-266,C269	Bellcore Issue 6	Level I		0.002539	101.00	2.7320	0.256441	393852661.82
1124510280	Capacitor	C19-20,C216,C229,C236	Bellcore Issue 6	Level I		0.001060	5.00	.0565	0.005301	943198589.05
1124420080	Capacitor	C3347,C353,C50	Bellcore Issue 6	Level I		0.001060	3.00	.0339	0.003181	943198589.05
1121722780	Capacitor	C300,C302,C54,C62,C64,C73-76,C- 85-86	Bellcore Issue 6	Level I		0.002539	11.00	.2975	0.027929	393852661.82
1129710050	Capacitor	C100,C103,C136,C158,C165,C199- -202,C233-235,C258,C261,C268,C- 295,C315,C338,C87,C94-95	Bellcore Issue 6	Level I		0.005466	21.00	1.2228	0.114778	182961702.19
1124482080	Capacitor	C187-190	Bellcore Issue 6	Level I		0.001060	4.00	.0452	0.004241	943198589.05
1124447080	Capacitor	C192	Bellcore Issue 6	Level I		0.001060	1.00	.0113	0.001060	943198589.05
1124547180	Capacitor	C293,C311-314,C336-337	Bellcore Issue 6	Level I		0.001060	7.00	.0791	0.007422	943198589.05
1651572990	Connection	DIMM1	Bellcore Issue 6	Level I		0.081932	1.00	.8729	0.081932	12205281.54
1300103540	Semiconductor	D5	Bellcore Issue 6	Level I	8.00	0.029874	1.00	.3183	0.029874	33473896.01
121230805E	Inductor	FB1,FB4-5,FB49	Bellcore Issue 6	Level I		0.002268	4.00	.0966	0.009071	440974090.03

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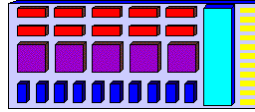


Description Top-level assembly
File Name 6320.RPJ
Time 1:13 PM
Failure Rate 9.386454
MTBF 106,537

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1653004202	Connection	CN9	Bellcore Issue 6	Level I		0.004552	1.00	.0485	0.004552	219695067.68
105A704723	Resistor	R104,R106,R112-113,R132,R151,R-182,R190-191,R195-196,R208-209-,R221-223,R234,R367,R379,R388,-R400,R48,R77,R80,R90	Bellcore Issue 6	Level I		0.002268	25.00	.6040	0.056693	440974090.03
105A747033	Resistor	R52,R54	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A553663	Resistor	R84	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A533263	Resistor	R92	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A710033	Resistor	R102,R105,R165,R168,R244,R266-,R267,R303,R326,R99	Bellcore Issue 6	Level I		0.002268	10.00	.2416	0.022677	440974090.03
105A524913	Resistor	R118	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A507503	Resistor	R140-142,R203-205,R238,R258	Bellcore Issue 6	Level I		0.002268	10.00	.2416	0.022677	440974090.03
105A512103	Resistor	R152	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A556263	Resistor	R154	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A500133	Resistor	R170,R180	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A504703	Resistor	R199	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A502833	Resistor	R218	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A702033	Resistor	R274	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A561903	Resistor	R305,R315	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A554903	Resistor	R336	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
1213160008	Inductor	BP12-13,BP2-3	Bellcore Issue 6	Level I		0.002268	16.00	.3865	0.036283	440974090.03
1759100006	Miscellaneous	BUZZ1	Bellcore Issue 6	Level I		0.150000	1.00	1.5980	0.150000	6666666.67
15407822A0	Resistor	RP15-16,RP20-21,RP23-24,RP30,R-P32,RP36,RP41	Bellcore Issue 6	Level I		0.007807	10.00	.8318	0.078075	128082217.60
15407013A0	Resistor	RP19	Bellcore Issue 6	Level I		0.007807	1.00	.0832	0.007807	128082217.60
15407152A0	Resistor	RP28	Bellcore Issue 6	Level I		0.007807	1.00	.0832	0.007807	128082217.60
106B501031	Resistor	RT1	Bellcore Issue 6	Level I		0.011379	1.00	.1212	0.011379	87878027.07
105A501523	Resistor	R155,R159,R169,R5	Bellcore Issue 6	Level I		0.002268	4.00	.0966	0.009071	440974090.03
105A704733	Resistor	R11,R251,R340,R76	Bellcore Issue 6	Level I		0.002268	4.00	.0966	0.009071	440974090.03
14S4237120	Integrated Circuit	U1	Bellcore Issue 6	Level I	11.60	0.075753	1.00	.8070	0.075753	13200734.02
14S3924801	Integrated Circuit	U4	Bellcore Issue 6	Level I	24.50	0.148704	1.00	1.5842	0.148704	6724783.89
14S4378100	Integrated Circuit	U6	Bellcore Issue 6	Level I	10.10	0.069783	1.00	.7434	0.069783	14330139.94

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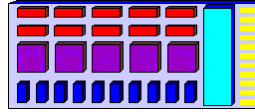


Description Top-level assembly
File Name 6320.RPJ
Time 1:13 PM
Failure Rate 9.386454
MTBF 106,537

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate. Unit	Quantity	Failure Rate. %	Failure Rate	MTBF. Unit
105A700003	Resistor	R1,R101,R107,R115,R121,R130,R-133-136,R139,R143-144,R162,R22-6,R246,RR250,R262,R264,R270,R-273,R283-284,R287,R289,R291-29-2,R299-300,R308,R310,R314,R316-,R322,R324,R335,R341,R344,R354-,R364-365,R383,R385-387,R389,R-395,R401-403,R46,R50,R69,R72-7-3,R75	Bellcore Issue 6	Level I		0.002268	56.00	1.3529	0.126992	440974090.03
105A701033	Resistor	R108,R125,R176-178,R183,R188,R-243,R278,R30,R302,R345,R64,R67-,R7,R71,R83	Bellcore Issue 6	Level I		0.002268	17.00	.4107	0.038551	440974090.03
105A701523	Resistor	R10	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A701003	Resistor	R12,R231	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A702233	Resistor	R14,R19	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A733003	Resistor	R15,R16,R21,R371-373,R397,R55,	Bellcore Issue 6	Level I		0.002268	8.00	.1933	0.018142	440974090.03
105A511103	Resistor	R26	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A502200	Resistor	R211-212,R214,R219,R220,R225,R-227,R229,R232-233,R32-39,R41-4-2,R56-59,R62-63,R65,R68	Bellcore Issue 6	Level I		0.002268	28.00	.6765	0.063496	440974090.03
105A700233	Resistor	R181,R43,R44	Bellcore Issue 6	Level I		0.002268	3.00	.0725	0.006803	440974090.03
1174547080	Capacitor	CP1-2	Bellcore Issue 6	Level I		0.001060	8.00	.0904	0.008482	943198589.05
1174533080	Capacitor	CP5	Bellcore Issue 6	Level I		0.001060	4.00	.0452	0.004241	943198589.05
1129701080	Capacitor	C1-4,C126,C339-342,C6-C7	Bellcore Issue 6	Level I		0.005466	11.00	.6405	0.060122	182961702.19
1124410080	Capacitor	C10-17,C207,C21-27,C61,C66,C68-70,C8-9	Bellcore Issue 6	Level I		0.001060	23.00	.2598	0.024385	943198589.05
1129747650	Capacitor	C112,C118,C141-142,C146,C152,C-168,C174,C195,C215,C227,C231-2-32,C239,C250,C252,C256,C259,C2-85,C299,C32-33,C39,C46	Bellcore Issue 6	Level I		0.005466	24.00	1.3975	0.131175	182961702.19
1124501780	Capacitor	C214,C217,C222,C238,C257,C260-,C305,C316,C318-319,C322,C327,-C343-346,C359,C52,C55	Bellcore Issue 6	Level I		0.001060	19.00	.2146	0.020144	943198589.05
1124422080	Capacitor	C262,C277,C308,C53,C63,C65	Bellcore Issue 6	Level I		0.001060	6.00	.0678	0.006361	943198589.05
1124568180	Capacitor	C301,C56	Bellcore Issue 6	Level I		0.001060	2.00	.0226	0.002120	943198589.05

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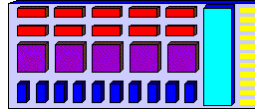


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MTBF 106,537

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
1124415080	Capacitor	C133-134	Bellcore Issue 6	Level I		0.001060	2.00	.0226	0.002120	943198589.05
1124418080	Capacitor	C156-157	Bellcore Issue 6	Level I		0.001060	2.00	.0226	0.002120	943198589.05
1124522180	Capacitor	C191,C292	Bellcore Issue 6	Level I		0.001060	2.00	.0226	0.002120	943198589.05
1124410180	Capacitor	C203	Bellcore Issue 6	Level I		0.001060	1.00	.0113	0.001060	943198589.05
1124433080	Capacitor	C204,C333--335	Bellcore Issue 6	Level I		0.001060	4.00	.0452	0.004241	943198589.05
1122747880	Capacitor	C296	Bellcore Issue 6	Level I		0.001598	1.00	.0170	0.001598	625953979.55
1301005442	Semiconductor	D1	Bellcore Issue 6	Level I		0.023881	1.00	.2544	0.023881	41874327.58
1301005440	Semiconductor	D13,D2,D4,D6-7	Bellcore Issue 6	Level I		0.023881	5.00	1.2721	0.119405	41874327.58
1301005441	Semiconductor	D8-D10	Bellcore Issue 6	Level I		0.023881	3.00	.7633	0.071643	41874327.58
1212306030	Inductor	FB10,FB15,FB2,FB28,FB3,FB31,- B33,FB36-39,FB41,FB43,FB54-55,- FB6,FB8	Bellcore Issue 6	Level I		0.002268	17.00	.4107	0.038551	440974090.03
1653017201	Connection	CN3	Bellcore Issue 6	Level I		0.019345	1.00	.2061	0.019345	51692957.10
1653005202	Connection	CN4-5	Bellcore Issue 6	Level I		0.005690	2.00	.1212	0.011379	175756054.14
1653013202	Connection	CN6	Bellcore Issue 6	Level I		0.014793	1.00	.1576	0.014793	67598482.36
1653222208	Connection	CN8	Bellcore Issue 6	Level I		0.025035	1.00	.2667	0.025035	39944557.76
1653010203	Connection	CN10	Bellcore Issue 6	Level I		0.011379	1.00	.1212	0.011379	87878027.07
1654040000	Connection	CN11	Bellcore Issue 6	Level I		0.022759	1.00	.2425	0.022759	43939013.54
105A756033	Resistor	R51,R53	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A710003	Resistor	R123,R164,R166,R82	Bellcore Issue 6	Level I		0.002268	4.00	.0966	0.009071	440974090.03
105A708223	Resistor	R163,R167,R184,R210,R235,R276- R378,R89	Bellcore Issue 6	Level I		0.002268	8.00	.1933	0.018142	440974090.03
105A705123	Resistor	R260,R91	Bellcore Issue 6	Level I		0.002268	2.00	.0483	0.004535	440974090.03
105A703303	Resistor	R100,R126-127,R137,R193,R201,R- 206-207,R224,R249,R265,R94	Bellcore Issue 6	Level I		0.002268	12.00	.2899	0.027212	440974090.03
105A703323	Resistor	R109,R306,R323,R331,R396	Bellcore Issue 6	Level I		0.002268	5.00	.1208	0.011339	440974090.03
105A702223	Resistor	R117,R128-129,R320,R398	Bellcore Issue 6	Level I		0.002268	5.00	.1208	0.011339	440974090.03
105A575003	Resistor	R120	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A702723	Resistor	R146,R185-186,R189,R236,R275	Bellcore Issue 6	Level I		0.002268	6.00	.1450	0.013606	440974090.03
105A702203	Resistor	R149,R253-254,R257	Bellcore Issue 6	Level I		0.002268	4.00	.0966	0.009071	440974090.03
105A520003	Resistor	R153	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A515003	Resistor	R156,R158,R217,R228,R230	Bellcore Issue 6	Level I		0.002268	5.00	.1208	0.011339	440974090.03

AAEON Reliability Prediction Report

Part Number System
Reference Des
Date 10. 3, 2002
Environment GF, GU - Ground Fixed, Uncontrolled
Temperature 25.00



Description Top-level assembly
File Name 6320.RPJ
Time 1:13 PM
Failure Rate 9.386454
MTBF 106,537

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Failure Rate, Unit	Quantity	Failure Rate, %	Failure Rate	MTBF, Unit
105A568003	Resistor	R160	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A702053	Resistor	R187	Bellcore Issue 6	Level I		0.013606	1.00	.1450	0.013606	73495681.67
105A501033	Resistor	R215-217,R228,R230	Bellcore Issue 6	Level I		0.002268	5.00	.1208	0.011339	440974090.03
105A510003	Resistor	R252	Bellcore Issue 6	Level I		0.002268	12.00	.2899	0.027212	440974090.03
1059700101	Resistor	R263	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A703333	Resistor	R295,R304	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A549963	Resistor	R328-329,R338,R350-353,R355-356,R361,R363	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
1059700001	Resistor	R330	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
105A701503	Resistor	R399	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
14S4070000	Integrated Circuit	U2	Bellcore Issue 6	Level I	3.90	0.049275	1.00	.5250	0.049275	20294201.48
14S4048501	Integrated Circuit	U19,U3	Bellcore Issue 6	Level I		0.059366	2.00	1.2649	0.118732	16844654.92
1651203291	Connection	U5	Bellcore Issue 6	Level I		0.018207	1.00	.1940	0.018207	54923766.92
1653003202	Connection	JP6-7	Bellcore Issue 6	Level I		0.003414	1.00	.0364	0.003414	292926756.90
1304900040	Semiconductor	LED1,LED3	Bellcore Issue 6	Level I		0.004877	1.00	.0520	0.004877	205063180.81
1211104760	Inductor	L1	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
1315700211	Semiconductor	Q1-2,Q12,Q14-Q15,Q5,Q7	Bellcore Issue 6	Level I		0.079603	7.00	5.9365	0.557223	12562298.27
1310390412	Semiconductor	Q4	Bellcore Issue 6	Level I		0.023881	1.00	.2544	0.023881	41874327.58
1315993310	Semiconductor	Q6	Bellcore Issue 6	Level I		0.159207	1.00	1.6961	0.159207	6281149.14
1310222210	Semiconductor	Q13,Q16	Bellcore Issue 6	Level I		0.023881	2.00	.5088	0.047762	41874327.58
1122701680	Capacitor	C3	Bellcore Issue 6	Level I		0.001598	1.00	.0170	0.001598	625953979.55
1189615181	Capacitor	C12,C5-6	Bellcore Issue 6	Level I		0.004933	1.00	.0526	0.004933	202722669.92
1129710050	Capacitor	C11,C15,C7,C9	Bellcore Issue 6	Level I		0.005466	4.00	.2329	0.021862	182961702.19
1124582280	Capacitor	C14,C8	Bellcore Issue 6	Level I		0.001060	2.00	.0226	0.002120	943198589.05
1189622181	Capacitor	C13	Bellcore Issue 6	Level I		0.079991	1.00	.8522	0.079991	12501378.78
1124522880	Capacitor	C17	Bellcore Issue 6	Level I		0.001060	1.00	.0113	0.001060	943198589.05
1301005443	Semiconductor	D1,D2	Bellcore Issue 6	Level I		0.023881	2.00	.5088	0.047762	41874327.58
1653027100	Connection	J1-Bottom,J1-Top	Bellcore Issue 6	Level I		0.015362	2.00	.3273	0.030724	65094834.87
1211101860	Inductor	L1,L2	Bellcore Issue 6	Level I		0.002268	1.00	.0242	0.002268	440974090.03
1315603110	Semiconductor	Q1	Bellcore Issue 6	Level I	18.10	0.129990	1.00	1.3849	0.129990	7692893.96
1314108412	Integrated Circuit	Q2	Bellcore Issue 6	Level I	15.00	0.168759	1.00	1.7979	0.168759	5925622.25

