

COM-SKUC6

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 9283,327837ppm MTBF: 107,720 Hours
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Issue date	Approval	Test Engineer
2016/06/16	KJ Wang	Danny Chen

Reliability Prediction (MTBF)

I . Model Name: COM-SKUC6

II . Prediction Date: Jun.16, 2016

III . Prediction Site: AAEON Q.E. Dept.

IV . Predicted by: Danny

V . Equipment: Windchill Quality Solutions 10.1

VI. Simulation Environment:

- Temperature: 30 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 Failure rate multiplier is 1000000000.
- MTBF : MTBF is always specified in hours.

VIII. Prediction Result:

COM-SKUC6 (9697SKLU06-D):

- Failure Rate: 9283,327837ppm

- MTBF: 107,720 Hours

**AAEON Reliability Prediction
Summary**

File Name: COM-SKUC6.rfp
Duty Cycle: 100
Calculation Model: Telcordia Issue 2
Method: Method I Case 3

Failure Rate: 9283.327837
MTBF (hrs): 107,720
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Assembly Name	Part Number	Ref Des	Quantity	Failure Rate	MTBF
COM-SKUC6	9697SKLU06-D		1	9283.327837	107,720

File Name: COM-SKUC6.rfp
Assembly: 9697SKLU06-D
Ref Des:
Description:

Failure Rate: 9283.327837
MTBF (hrs): 107,720
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1050500334	Resistor	R481,R497		2.547039	2	154078778.388085
1050501004	Resistor	R1031,R411		2.547039	2	154078778.388085
1050501054	Resistor	R71,R74		2.547039	2	154078778.388085
1050501334-00	Resistor	R1028,R1033		2.547039	2	154078778.388085
1050501634	Resistor	R490		2.547039	1	282340674.079668
1050502204	Resistor	R1083,R1084		2.547039	2	154078778.388085
1050502224	Resistor	R1149,R348, R39,R40, R472		2.547039	5	67008142.102588
1050502724	Resistor	R1019,R1082		2.547039	2	154078778.388085
1050503324	Resistor	R1065		2.547039	1	282340674.079668
1050504724	Resistor	R1089,R1141 ,R228, R229,R233,R 235, R239,R243,R 244, R282,R285,R 329, R383,R787		2.547039	14	25477245.255648
1050504734	Resistor	R332,R801,R 809		2.547039	3	107020754.986850
1050505124	Resistor	R80		2.547039	1	282340674.079668
1050505134	Resistor	R308,R315,R 487, R489,R491		2.547039	5	67008142.102588
1050505604	Resistor	R1129		2.547039	1	282340674.079668
1050507524	Resistor	R1007,R985		2.547039	2	154078778.388085
1050508224	Resistor	R1064,R1088		2.547039	2	154078778.388085
1050510034	Resistor	R1014,R1124 ,R1161, R1172,R1177 ,R1188, R1189,R1192 ,R1195, R1197,R1199 ,R1201, R1204,R1219 ,R1221, R1223,R204, R349, R353,R366,R 414,R63, R791,R904		2.547039	24	15190138.820515
1050512104	Resistor	R103		2.547039	1	282340674.079668
1050516034	Resistor	R493		2.547039	1	282340674.079668
1050516229	Resistor	R1049,R1143		2.547039	2	154078778.388085
1050520004	Resistor	R143,R187		2.547039	2	154078778.388085
1050521524	Resistor	R1017		2.547039	1	282340674.079668
1050522004	Resistor	R1121,R537		2.547039	2	154078778.388085

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1050524904	Resistor	R104,R105,R91		2.547039	3	107020754.986850
1050533034	Resistor	R1063		2.547039	1	282340674.079668
1050545364	Resistor	R993		2.547039	1	282340674.079668
1050547004	Resistor	R100,R398		2.547039	2	154078778.388085
1050548714	Resistor	R1114		2.547039	1	282340674.079668
1050549904	Resistor	R116,R121,R122		2.547039	3	107020754.986850
1050549924	Resistor	R145,R146,R147, R149,R150,R151, R152,R155		2.547039	8	43225424.698300
1050549964	Resistor	R1000,R112,R123, R124,R125,R126, R212		2.547039	7	48991237.965885
1050551004	Resistor	R978		2.547039	1	282340674.079668
1050560464	Resistor	R1051,R118		2.547039	2	154078778.388085
1050573214	Resistor	R976		2.547039	1	282340674.079668
1050580664	Resistor	R102		2.547039	1	282340674.079668
1050584514	Resistor	R1211		2.547039	1	282340674.079668
1050701504	Resistor	R106,R107,R108		2.547039	3	107020754.986850
1050704304	Resistor	R115		2.547039	1	282340674.079668
1051520002	Resistor	R755		2.547039	1	282340674.079668
1052500171	Resistor	R1077		2.547039	1	282340674.079668
1054700289	Resistor	R1142,R917		2.547039	2	154078778.388085
1059700001	Resistor	R1227,R1228, R272		2.547039	3	107020754.986850
105A500103	Resistor	R1061,R1079, R1080, R1115		2.547039	4	82309758.689546
105A500139	Resistor	R1003,R1009, R1025, R1068,R1116, R1139, R1140,R1153, R153, R154,R156,R157, R180,R295,R350, R812,R987,R999		2.547039	18	20032117.836120
105A500173	Resistor	R205,R396,R399		2.547039	3	107020754.986850

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105A501039	Resistor	R1062,R1074, R167, R168,R169,R 178, R179,R181,R 182, R183,R192,R 217, R218,R274,R 302, R305,R307,R 309, R312,R316,R 358, R413,R415,R 42,R46, R469,R471,R 480,R49, R492,R54,R5 5,R59, R718,R719,R 720, R738,R77,R7 9,R850, R858,R992		2.547039	42	8834121.532637
105A501043	Resistor	R998		2.547039	1	282340674.079668
105A501133	Resistor	R1002		2.547039	1	282340674.079668
105A501139	Resistor	R1018		2.547039	1	282340674.079668
105A501529	Resistor	R1138,R979		2.547039	2	154078778.388085
105A501829	Resistor	R83,R84		2.547039	2	154078778.388085
105A502039	Resistor	R1008,R1060 ,R1132, R1133,R1134 ,R177, R185		2.547039	7	48991237.965885
105A503039	Resistor	R500		2.547039	1	282340674.079668
105A503309	Resistor	R137,R138,R 139, R140,R141,R 142		2.547039	6	56573956.677649
105A505109	Resistor	R1128,R127, R129, R132,R133,R 134		2.547039	6	56573956.677649
105A510003	Resistor	R752,R753,R 754		2.547039	3	107020754.986850

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105A510009	Resistor	R101,R1011, R1021, R1081,R1108 ,R1109, R1126,R171, R449, R473,R526,R 527, R975,R981,R 982, R989,R996		2.547039	17	21160422.299251
105A511303	Resistor	R170		2.547039	1	282340674.079668
105A512039	Resistor	R990		2.547039	1	282340674.079668
105A512133	Resistor	R1006		2.547039	1	282340674.079668
105A514023	Resistor	R1004,R983		2.547039	2	154078778.388085
105A515009	Resistor	R1085,R1086 ,R1087		2.547039	3	107020754.986850
105A518214	Resistor	R219,R220,R 221, R222		2.547039	4	82309758.689546
105A522123	Resistor	R1001		2.547039	1	282340674.079668
105A522623	Resistor	R1023		2.547039	1	282340674.079668
105A528733	Resistor	R991		2.547039	1	282340674.079668
105A530113	Resistor	R296		2.547039	1	282340674.079668
105A538313	Resistor	R1029		2.547039	1	282340674.079668
105A538323	Resistor	R488		2.547039	1	282340674.079668
105A547033	Resistor	R1022		2.547039	1	282340674.079668
105A547529	Resistor	R486		2.547039	1	282340674.079668
105A549919	Resistor	R994		2.547039	1	282340674.079668
105A563423	Resistor	R1005		2.547039	1	282340674.079668
105A586623	Resistor	R1024		2.547039	1	282340674.079668
105A591003	Resistor	R1012		2.547039	1	282340674.079668
105A700003	Resistor	R1212,R1218 ,R1226, R314,R317,R 320, R321,R70,R8 2,R878, R881		2.547039	11	32049696.385471

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105A700009	Resistor	R1013,R1020 ,R1035, R1037,R1040 ,R1041, R1042,R1043 ,R1053, R1054,R1056 ,R1057, R1069,R1075 ,R110, R1119,R1122 ,R1123, R1130,R1144 ,R1145, R1146,R1147 ,R1148, R1151,R1154 ,R1155, R1157,R1158 ,R1159, R1160,R1163 ,R1164, R1165,R1166 ,R1167, R1168,R1169 ,R1170, R1171,R11		2.547039	194	1970453.318504
105A70000A	Resistor	R1027,R1030 ,R1136, R237,R438		2.547039	5	67008142.102588
105A700139	Resistor	R1066,R1106 ,R111, R114,R117,R 120, R199,R206,R 231, R234		2.547039	10	35079934.879747
105A700203	Resistor	R1010,R1015 ,R1016, R1026,R1214 ,R1216, R1217		2.547039	7	48991237.965885

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105A701039	Resistor	R113,R172,R173, R174,R175,R176, R188,R193,R194, R195,R216,R338, R352,R475,R68,R695, R697,R699,R701, R705,R707,R709, R711,R713,R721,R81, R882,R883,R884, R885,R886,R887, R888,R889,R92		2.547039	35	10545622.718268
105A701059	Resistor	R482,R501,R502,R62, R86,R95		2.547039	6	56573956.677649
105A701069	Resistor	R186		2.547039	1	282340674.079668
105A702229	Resistor	R161,R162,R341, R343,R686,R692, R715,R87,R88,R89, R90		2.547039	11	32049696.385471
105A702263	Resistor	R459		2.547039	1	282340674.079668
105A702433	Resistor	R997		2.547039	1	282340674.079668
105A703309	Resistor	R337		2.547039	1	282340674.079668
105A704729	Resistor	R225,R226		2.547039	2	154078778.388085
105A708229	Resistor	R254,R704		2.547039	2	154078778.388085
105A710039	Resistor	R1117,R1118, R43, R50,R58,R66, R67, R96,R97		2.547039	9	38754445.632391
105A733009	Resistor	R535		2.547039	1	282340674.079668
105A747009	Resistor	R696,R698,R700, R702,R706,R708, R710,R712,R714, R717		2.547039	10	35079934.879747

**Reliability Prediction
Summary**

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
105B700009	Resistor	R10,R1070,R1073,R1078,R1107,R1113,R144,R184,R276,R277,R281,R286,R293,R333,R334,R355,R361,R362,R363,R364,R368,R369,R370,R373,R374,R375,R386,R389,R478,R479		2.547039	30	12244464.256771
106B501034	Resistor	RT6,RT7		2.547039	2	154078778.388085
106B510034	Resistor	RT1,RT2,RT4,RT5		2.547039	4	82309758.689546
106BA22034	Resistor	RT3		2.547039	1	282340674.079668
1121501680	Capacitor	C679		1.128806	1	704977644.692287

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1121501690	Capacitor	C102,C103,C104, C105,C106,C107, C108,C109,C110, C111,C112,C113, C114,C115,C116, C117,C118,C119, C120,C121,C122, C123,C124,C125, C126,C127,C17,C18, C194,C195,C196,C22, C227,C23,C24,C25, C26,C27,C28,C29, C30,C32,C344,C348, C349,C358,C361, C362,C373,C374, C3		1.128806	87	9916966.085517
1121501691	Capacitor	C35,C36,C38,C41, C42,C43,C44,C45, C46,C53,C54,C56, C58,C66,C67,C68, C69,C70,C71,C72, C73,C74,C75,C76, C77,C78,C79,C80, C81,C82,C83,C84, C85,C86,C87,C88, C89,C90,C91,C92, C93,C94,C95		1.128806	43	19845816.558772
1121647780	Capacitor	C604		1.128806	1	704977644.692287
1122522890	Capacitor	C100,C101		1.128806	2	375289731.076049

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1124420090	Capacitor	C64,C65		1.128806	2	375289731.076049
1124522290	Capacitor	C625		1.128806	1	704977644.692287
1124547280	Capacitor	C708,C710,C711		1.128806	3	257514172.353070
1124547290	Capacitor	C613		1.128806	1	704977644.692287
1129610080	Capacitor	C383		1.128806	1	704977644.692287
1129622690	Capacitor	C16,C21,C359,C360, C677		1.128806	5	159367490.199266
1129701690	Capacitor	C634		1.128806	1	704977644.692287
1129701790	Capacitor	C10,C11,C12,C13,C19,C2,C3,C31,C4,C5,C517,C6,C7,C8, C9		1.128806	15	55479656.844874
1129701791	Capacitor	C891		1.128806	1	704977644.692287
1129710390	Capacitor	C536,C601,C603		1.128806	3	257514172.353070
1129710391	Capacitor	C602,C608		1.128806	2	375289731.076049
1129715090	Capacitor	C617		1.128806	1	704977644.692287
1129722091	Capacitor	C421,C424		1.128806	2	375289731.076049
1189622154	Capacitor	C200,C249		1.128806	2	375289731.076049
1189622194	Capacitor	C894		1.128806	1	704977644.692287
1189633151	Capacitor	C685,C697,C698,TC1		1.128806	4	196873384.410843
118A622190	Capacitor	C134,C135,C209,C210,C211,C212		1.128806	6	133979725.056342
118A6221B0	Capacitor	C893		1.128806	1	704977644.692287
118C6331B0	Capacitor	C648,C649,C669,C670,C671		1.128806	5	159367490.199266
11A4415040	Capacitor	C605,C619		1.128806	2	375289731.076049
11A4418040	Capacitor	C130,C132		1.128806	2	375289731.076049
11A4418280	Capacitor	C612		1.128806	1	704977644.692287
11A4422190	Capacitor	C628		1.128806	1	704977644.692287
11A4433030	Capacitor	C229		1.128806	1	704977644.692287
11A4447190	Capacitor	C630		1.128806	1	704977644.692287
11C1410440	Capacitor	C618,C624		1.128806	2	375289731.076049
11C1501080	Capacitor	C623		1.128806	1	704977644.692287
11C1547890	Capacitor	C620		1.128806	1	704977644.692287
11C2522780	Capacitor	C629,C631,C633		1.128806	3	257514172.353070
11C4401880	Capacitor	C621		1.128806	1	704977644.692287
11C4501790	Capacitor	C622		1.128806	1	704977644.692287
11C4510240	Capacitor	C626,C627		1.128806	2	375289731.076049
11C4510380	Capacitor	C615		1.128806	1	704977644.692287

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11C4515230	Capacitor	C230		1.128806	1	704977644.692287
11C4522290	Capacitor	C609,C661,C673,C675,C676		1.128806	5	159367490.199266
11C4533380	Capacitor	C246,C606,C607		1.128806	3	257514172.353070
11C4547280	Capacitor	C610,C611		1.128806	2	375289731.076049
11C4547380	Capacitor	C616		1.128806	1	704977644.692287
11C9510490	Capacitor	C430,C431,C432,C435,C437		1.128806	5	159367490.199266
11E1622020	Capacitor	C231		1.128806	1	704977644.692287
11E2501031	Capacitor	C682		1.128806	1	704977644.692287
11E2501690	Capacitor	C232		1.128806	1	704977644.692287
11E2610030	Capacitor	C640,C641,C653,C654,C655,C656,C657,C658,C683,C687,C688,C689,C695		1.128806	13	63728475.410842
11E3510010	Capacitor	C136,C141,C143,C144,C145,C146,C192,C197,C228,C50		1.128806	10	82101057.548118
11E4501030	Capacitor	C686,C690		1.128806	2	375289731.076049
11E9501090	Capacitor	C436,C691,C692,C694		1.128806	4	196873384.410843
11E9501091	Capacitor	C128,C129,C131,C137,C14,C369,C370,C371,C372,C420,C49		1.128806	11	74892583.279796
11E9510050	Capacitor	C681		1.128806	1	704977644.692287
11E9510490	Capacitor	C133,C332,C333,C382,C418,C419,C423,C429,C672		1.128806	9	90863428.080946
11E9522490	Capacitor	C680		1.128806	1	704977644.692287
11E9547490	Capacitor	C693		1.128806	1	704977644.692287
11E9610080	Capacitor	C363,C364,C365,C366,C367,C368		1.128806	6	133979725.056342

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11E9622050	Capacitor	C452,C454,C456, C462,C464,C466, C468,C470,C478, C684,C699,C700, C701,C704,C705, C706,C707		1.128806	17	49133303.073811
11E9622080	Capacitor	C158,C159,C160, C161,C162,C163, C164,C165,C166, C167,C168,C220, C221,C222,C234, C235,C236,C237, C238,C239,C240, C241,C242,C243, C306,C320,C321, C350,C351,C422, C458		1.128806	31	27349602.091781

**Reliability Prediction
Summary**

File Name: COM-SKUC6.rfp
Assembly: 9697SKLU06-D
Ref Des:
Description:

Failure Rate: 9283.327837
MTBF (hrs): 107,720
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11EA501050	Capacitor	C184,C185,C186, C187,C188,C189, C190,C191,C255, C256,C257,C285, C286,C287,C290, C291,C292,C308, C326,C329,C330, C331,C334,C335, C336,C337,C338, C339,C340,C341, C342,C343,C346, C347,C352,C353, C354,C355,C356, C387,C474		1.128806	41	20795506.904934
11EA610030	Capacitor	C142,C33,C34,C37, C51,C52,C55,C57, C61,C62		1.128806	10	82101057.548118

**Reliability Prediction
Summary**

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Assembly: 9697SKLU06-D
Ref Des:
Description:

Failure Rate: 9283.327837
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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11EA610040	Capacitor	C169,C170,C171,C172,C173,C174,C175,C176,C177,C178,C179,C180,C181,C182,C183,C271,C272,C273,C274,C276,C277,C288,C289,C294,C295,C296,C297,C298,C299,C300,C303,C304,C305,C309,C310,C311,C312,C313,C314,C315,C316,C317,C318,C319		1.128806	44	19402916.060511
11EA647010	Capacitor	C148,C149,C150,C151,C152,C153,C154,C155,C156,C157,C193,C206,C207,C208,C213,C216,C217,C218,C219,C327,C328,C345,C390,C391,C392,C393,C471,C472,C473,C663,C674,C696,C703		1.128806	33	25726061.200507
11EA647640	Capacitor	C15,C20,C678		1.128806	3	257514172.353070

File Name: COM-SKUC6.rfp
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Failure Rate: 9283.327837
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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11EB501040	Capacitor	C226		1.128806	1	704977644.692287
11EB522010	Capacitor	C247,C248		1.128806	2	375289731.076049
11EB522640	Capacitor	C357,C632,C666		1.128806	3	257514172.353070
11EB622010	Capacitor	C614,C660		1.128806	2	375289731.076049
121110106Z	Inductor	L14	19.2	6.961917	1	109908979.421800
121110156R	Inductor	L18		4.944252	1	154760964.143460
1211101573	Inductor	L8		4.944252	1	154760964.143460
1211101573	Inductor	L10	45.1	10.405097	1	73538685.996746
121110226Y	Inductor	L15		4.944252	1	154760964.143460
1211103675	Inductor	L11	44	10.241508	1	74713325.742210
121110476V	Inductor	L1		4.944252	1	154760964.143460
1211104779	Inductor	L13		4.944252	1	154760964.143460
121110567E	Inductor	L19	21.7	7.257518	1	105432351.484119
121113307K	Inductor	L17		4.944252	1	154760964.143460
1212306030	Inductor	FB1,FB2		4.944252	2	83201062.149749
12123A0009	Inductor	FB11,FB12,F B13, FB14,FB16,F B17, FB19		4.944252	7	25970990.056682
12123C0007	Inductor	FB8		4.944252	1	154760964.143460
12123C0031	Inductor	FB3,FB4,FB5, FB6, FB7		4.944252	5	35631881.582999
12310025A5	Miscellaneous	Y4		19.200000	1	23844262.770939
12310027A3	Miscellaneous	Y1		19.200000	1	23844262.770939
1231332722	Miscellaneous	Y2		19.200000	1	23844262.770939
12330024A1	Miscellaneous	Y5		19.200000	1	23844262.770939
1301000541	Semiconductor	D7		7.793411	1	92807310.010983
1301005444	Semiconductor	D1,D2,D29,D3,D30, D32,D4		7.793411	7	16052497.121446
1301005447	Semiconductor	D22		7.793411	1	92807310.010983
1301005450	Semiconductor	D11,D12,D13 ,D14, D16,D17,D18 ,D26, D27,D28,D31 ,D33,D5		7.793411	13	8953033.829657
1301053040	Semiconductor	D23		7.793411	1	92807310.010983
1304001340	Optical Device	LED3		79.003355	1	6497172.749112
1304300140	Optical Device	LED2		79.003355	1	6497172.749112
1310390413	Semiconductor	Q18,Q19		22.463360	2	17315095.066101
1315013810	Semiconductor	Q17		22.463360	1	31642600.748419
1315036640	Semiconductor	Q5		22.463360	1	31642600.748419
131504C850	Semiconductor	Q12,Q14		22.463360	2	17315095.066101
1315667910	Semiconductor	Q35		22.463360	1	31642600.748419
1315700216	Semiconductor	Q33,Q34		22.463360	2	17315095.066101
1315720010	Semiconductor	Q11,Q16		22.463360	2	17315095.066101

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1315762010	Semiconductor	Q15,Q9		22.463360	2	17315095.066101
1315806511	Semiconductor	Q20		22.463360	1	31642600.748419
1315EM6K10	Semiconductor	Q1,Q2,Q23,Q29,Q31,Q32,Q51,Q54,Q55,Q6		22.463360	10	3960370.776745
1426GP2120		U2		0.000000	1	0.000000
1430034250	Integrated Circuit	U17		43.803003	1	11739202.588727
1430455200	Integrated Circuit	U40,U41,U42,U43,U45,U46,U48,U50,U51,U58		43.803003	10	1762784.467435
1430650830	Integrated Circuit	U56	39.1	507.878627	1	1012470.897638
1430812460	Integrated Circuit	U38	46.8	771.443923	1	666558.273111
1440219LM0	Integrated Circuit	U24		43.803003	1	11739202.588727
14406600U0	Integrated Circuit	U7	45	122.785122	1	4187904.225593
14407517A0	Integrated Circuit	U6	39.7	525.048397	1	979361.774052
1462001280	Integrated Circuit			43.803003	1	11739202.588727
1462CSKUA0	Integrated Circuit	U15		43.803003	1	11739202.588727
14E0085281	Integrated Circuit	U11		43.803003	1	11739202.588727
14E0CSKUA0	Integrated Circuit	U13		43.803003	1	11739202.588727
14S3010700	Integrated Circuit	U3	44.8	693.302501	1	741685.380707
14S3621601	Integrated Circuit	U12		43.803003	1	11739202.588727
14S4911216	Integrated Circuit	U22		43.803003	1	11739202.588727
14S5A00821	Integrated Circuit	U10,U19,U21,U26,U27,U28,U29,U31,U33,U47,U49,U52,U53,U54,U55		26.018600	15	2277634.394668
14S5A12506	Integrated Circuit	U14		26.018600	1	25551442.237972
14S6216060	Integrated Circuit			43.803003	1	11739202.588727
14S9330600	Integrated Circuit	U4,U5,U8,U9		43.803003	4	3879156.910661
14S9346000	Integrated Circuit	U1	42.5	612.237731	1	839889.969218
1540700081	Resistor	RP2,RP4		9.971436	2	30043399.401299
1600000403	Connection	SW1 (1OFF,2ON)		16.184835	1	35685591.360212
16515A2991	Connection	DIMM1		16.184835	1	35685591.360212
16540M0000	Connection	CN1,CN2		16.184835	2	20390152.380746
1655902122	Connection	CN3		16.184835	1	35685591.360212
1655907130	Connection	CN4		16.184835	1	35685591.360212