

COM-SKHB6

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 6916.645400 ppm MTBF: 144,579 Hours
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Issue date	QE Manager	Test Engineer
2016/05/27	KJ Wang	Jack Huang

Reliability Prediction (MTBF)

I . Model Name: COM-SKHB6

II . Prediction Date: MAY. 27, 2016

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

IV . Predicted by: Jack Huang

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-SKHB6(9697SKLH05-D):

- Failure Rate:6916.645400 ppm

- MTBF: 144.579 Hours

**AAEON Reliability Prediction
Summary**

File Name: COM-SKHB6.rfp
Duty Cycle: 100
Calculation Model: Telcordia Issue 2
Method: Method I Case 3

Failure Rate: 6916.645400
MTBF (hrs): 144,579
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Assembly Name	Part Number	Ref Des	Quantity	Failure Rate	MTBF
COM-SKHB6	9697SKLH05-D		1	6916.645400	144,579

File Name: COM-SKHB6.rfp
Assembly: 9697SKLH05-D
Ref Des:
Description:

Failure Rate: 6916.645400
MTBF (hrs): 144,579
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1050500104	Resistor	R105,R110,R166,R49,R61		2.547039	5	67008142.102588
1050500334	Resistor	R312,R674		2.547039	2	154078778.388085
1050501004	Resistor	R100,R438,R64,R65,R99		2.547039	5	67008142.102588
1050501054	Resistor	R644		2.547039	1	282340674.079668
1050501054-00	Resistor	R271		2.547039	1	282340674.079668
1050501634	Resistor	R297		2.547039	1	282340674.079668
1050501834	Resistor	R440		2.547039	1	282340674.079668
1050502004	Resistor	R15,R467		2.547039	2	154078778.388085
1050502034-00	Resistor	R399		2.547039	1	282340674.079668
1050502224	Resistor	R485,R486,R504,R513,R515,R519,R526,R536,R661,R669,R671,R675,R676,R679,R684		2.547039	15	23852782.943395
1050502234	Resistor	R423		2.547039	1	282340674.079668
1050502724	Resistor	R670		2.547039	1	282340674.079668
1050503634	Resistor	R428		2.547039	1	282340674.079668
1050504324	Resistor	R73		2.547039	1	282340674.079668
1050504724	Resistor	R203,R220,R224,R225,R258,R262,R293,R318,R319,R341,R342,R627,R652,R689,R697,R702		2.547039	16	22425139.809646
1050504734	Resistor	R323,R565,R597		2.547039	3	107020754.986850
1050505124	Resistor	R706		2.547039	1	282340674.079668
1050507524	Resistor	R425		2.547039	1	282340674.079668
1050507530	Resistor	R103,R35,R402,R447,R47		2.547039	5	67008142.102588

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1050510034	Resistor	R141,R244,R247, R252,R259,R278, R307,R331,R338, R348,R363,R388,R43, R538,R592,R612, R615,R624,R656, R666,R667,R67,R677, R70,R74,R752,R753		2.547039	27	13557741.157915
1050511034	Resistor	R126		2.547039	1	282340674.079668
1050512104	Resistor	R118		2.547039	1	282340674.079668
1050512164	Resistor	R23		2.547039	1	282340674.079668
1050514044	Resistor	R75		2.547039	1	282340674.079668
1050520034	Resistor	R292		2.547039	1	282340674.079668
1050520034-00	Resistor	R651		2.547039	1	282340674.079668
1050522004-00	Resistor	R374		2.547039	1	282340674.079668
1050522034	Resistor	R102		2.547039	1	282340674.079668
1050522124	Resistor	R33		2.547039	1	282340674.079668
1050524004	Resistor	R490,R518		2.547039	2	154078778.388085
1050524904	Resistor	R115,R120,R581, R594		2.547039	4	82309758.689546
1050524924	Resistor	R420		2.547039	1	282340674.079668
1050526124	Resistor	R69		2.547039	1	282340674.079668
1050530164	Resistor	R248,R249,R309, R450		2.547039	4	82309758.689546
1050539224	Resistor	R232		2.547039	1	282340674.079668
1050545364	Resistor	R91		2.547039	1	282340674.079668
1050547004	Resistor	R195,R215		2.547039	2	154078778.388085
1050549904	Resistor	R19		2.547039	1	282340674.079668
1050549964	Resistor	R403		2.547039	1	282340674.079668
1050549964-00	Resistor	R4		2.547039	1	282340674.079668
1050556269	Resistor	R386		2.547039	1	282340674.079668
1050561934	Resistor	R264		2.547039	1	282340674.079668
1050564924	Resistor	R751		2.547039	1	282340674.079668
1050597623	Resistor	R79,R82		2.547039	2	154078778.388085
1050701504	Resistor	R164,R167,R171		2.547039	3	107020754.986850
1052500171	Resistor	R484		2.547039	1	282340674.079668
1054700289	Resistor	R434,R614		2.547039	2	154078778.388085
1059700001	Resistor	R721,R730,R738		2.547039	3	107020754.986850
105A500103	Resistor	R456		2.547039	1	282340674.079668

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105A500113	Resistor	R135,R39,R78,R98		2.547039	4	82309758.689546
105A500139	Resistor	R11,R17,R22,R235,R240,R254,R299,R328,R339,R364,R390,R408,R409,R410,R437,R444,R463,R466,R473,R512,R533,R543,R552,R555,R567,R613		2.547039	26	14061076.827148
105A500239	Resistor	R397,R94		2.547039	2	154078778.388085
105A501039	Resistor	R18,R191,R193,R213,R223,R239,R243,R245,R296,R306,R315,R343,R368,R38,R42,R45,R454,R455,R478,R520,R530,R564,R569,R578,R582,R589,R593,R602,R604,R629,R634,R638,R641,R683,R685,R687,R694,R695,R698,R715,R723,R83,R87		2.547039	43	8634227.613564
105A501529	Resistor	R415,R497,R72,R755		2.547039	4	82309758.689546
105A501539	Resistor	R405,R433		2.547039	2	154078778.388085
105A501633	Resistor	R66		2.547039	1	282340674.079668
105A502039	Resistor	R289,R424,R645,R649		2.547039	4	82309758.689546
105A502123	Resistor	R396,R95		2.547039	2	154078778.388085

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105A502263	Resistor	R62		2.547039	1	282340674.079668
105A502423	Resistor	R406		2.547039	1	282340674.079668
105A503039	Resistor	R740		2.547039	1	282340674.079668
105A503309	Resistor	R266,R639,R 640, R647		2.547039	4	82309758.689546
105A505109	Resistor	R313,R384,R 6,R609		2.547039	4	82309758.689546
105A507509	Resistor	R112		2.547039	1	282340674.079668
105A507533	Resistor	R184		2.547039	1	282340674.079668
105A510009	Resistor	R111,R236,R 246, R263,R385,R 417, R418,R422,R 426, R429,R432,R 442, R452,R453,R 457, R458,R601,R 92,R93		2.547039	19	19019185.781770
105A510223	Resistor	R267		2.547039	1	282340674.079668
105A511303	Resistor	R610		2.547039	1	282340674.079668
105A515009	Resistor	R726,R736,R 737		2.547039	3	107020754.986850
105A524323	Resistor	R445		2.547039	1	282340674.079668
105A530113	Resistor	R345		2.547039	1	282340674.079668
105A542223	Resistor	R86		2.547039	1	282340674.079668
105A544229	Resistor	R756		2.547039	1	282340674.079668
105A549969	Resistor	R24,R26,R39 1,R446, R90		2.547039	5	67008142.102588
105A551119	Resistor	R104,R413,R 448,R68		2.547039	4	82309758.689546
105A552323	Resistor	R81		2.547039	1	282340674.079668
105A553629	Resistor	R416		2.547039	1	282340674.079668
105A554969	Resistor	R10,R371		2.547039	2	154078778.388085
105A556229	Resistor	R211		2.547039	1	282340674.079668
105A560469	Resistor	R464		2.547039	1	282340674.079668
105A561909	Resistor	R305		2.547039	1	282340674.079668
105A593113	Resistor	R642		2.547039	1	282340674.079668
105A700003	Resistor	FB12,FB3,FB 6,R179, R277,R421,R 48,R553, R57,R577,R5 96,R617, R637,R744,R 8		2.547039	15	23852782.943395

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
105A700009	Resistor	R109,R114,R127, R128,R130,R131,R14, R145,R159,R162, R163,R168,R170, R180,R185,R187, R188,R189,R190, R197,R199,R200, R201,R210,R218, R219,R222,R226, R231,R234,R298, R301,R304,R320, R321,R325,R326, R327,R335,R349, R350,R351,R352, R353,R354,R355, R356,R36,R3		2.547039	103	3675275.994176
105A700139	Resistor	R194		2.547039	1	282340674.079668
105A700203	Resistor	R496,R556,R568		2.547039	3	107020754.986850
105A701039	Resistor	R12,R158,R173,R174, R175,R176,R177, R181,R275,R300,R32, R324,R369,R387, R532,R595,R608, R654,R658,R664		2.547039	20	18104712.511396
105A701059	Resistor	R237,R241,R255, R256,R295,R365, R688		2.547039	7	48991237.965885
105A701069	Resistor	R230		2.547039	1	282340674.079668

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105A702229	Resistor	R205,R302,R334, R508,R516,R559, R686,R692,R696		2.547039	9	38754445.632391
105A702263	Resistor	R101,R125,R133,R34, R46,R71,R77,R97		2.547039	8	43225424.698300
105A703309	Resistor	R208,R214,R611		2.547039	3	107020754.986850
105A704729	Resistor	R207,R523		2.547039	2	154078778.388085
105A708229	Resistor	R204,R209,R228, R291,R619,R620, R625,R703,R713		2.547039	9	38754445.632391
105A710009	Resistor	R137,R138		2.547039	2	154078778.388085
105A710039	Resistor	R132,R202,R212, R372,R41,R576,R745		2.547039	7	48991237.965885
105A733009	Resistor	R20,R21		2.547039	2	154078778.388085
105A736033	Resistor	R404		2.547039	1	282340674.079668
105A736039	Resistor	R441		2.547039	1	282340674.079668
105A747009	Resistor	R40,R488,R52,R529, R539,R663		2.547039	6	56573956.677649

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
105B700009	Resistor	C155,C157,C625, C626,C627,C628, C629,C630,C631, C632,C633,C634, C635,C636,C637, C638,C639,C640, C703,C704,C708, C709,C711,C712, R116,R119,R140, R146,R186,R221, R229,R250,R251, R253,R257,R260, R261,R265,R268, R269,R274,R279, R281,R282,R283, R284,R285,R286,		2.547039	84	4489333.067020
105B701039	Resistor	R531,R545,R547, R548,R759,R760		2.547039	6	56573956.677649
105B701059	Resistor	R714,R733		2.547039	2	154078778.388085
105B703309	Resistor	R280		2.547039	1	282340674.079668
106B501034	Resistor	RT2,RT7		2.547039	2	154078778.388085
106B510034	Resistor	RT1,RT3,RT4,RT5, RT6		2.547039	5	67008142.102588
1121415090	Capacitor	C30		1.128806	1	704977644.692287
1121501690	Capacitor	C1,C109,C28,C531, C539,C601,C641, C645		1.128806	8	101746760.035398

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1121501691	Capacitor	C21,C290,C32,C378,C395,C494,C5,C591,C661,C662,C684,C690,C705,C706,C715,C719,C720,C721,C723,C728,C729,C732,C83		1.128806	23	36609385.175833
1122522890	Capacitor	C551,C583		1.128806	2	375289731.076049
1124418090	Capacitor	C102,C103,C104,C105		1.128806	4	196873384.410843
1124420090	Capacitor	C702,C713		1.128806	2	375289731.076049
1124522290	Capacitor	C14,C219,C24,C35,C41,C46,C49		1.128806	7	115633865.771428
1124533282	Capacitor	C13		1.128806	1	704977644.692287
1124547190	Capacitor	C11,C245,C276,C314,C391,C449		1.128806	6	133979725.056342
1129522650	Capacitor	C68		1.128806	1	704977644.692287
1129522790	Capacitor	C124,C127,C160,C161,C162,C163,C164,C165,C166,C167,C168,C169,C170,C171,C172,C173,C174,C175,C176,C177,C178,C179,C180,C181,C182,C183,C184,C611,C612,C613,C614,C99		1.128806	32	26512863.286539
1129610080	Capacitor	C567,C660,C697		1.128806	3	257514172.353070

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1129701690	Capacitor	C16,C17,C21 3,C29, C34,C371,C4 3,C491, C492		1.128806	9	90863428.080946
1129701790	Capacitor	C100		1.128806	1	704977644.692287
1129701791	Capacitor	C244,C265,C 361, C693		1.128806	4	196873384.410843
1129710390	Capacitor	C267,C304,C 617		1.128806	3	257514172.353070
1129710391	Capacitor	C122,C212,C 464		1.128806	3	257514172.353070
1129715090	Capacitor	C292		1.128806	1	704977644.692287
1129722091	Capacitor	C131,C193		1.128806	2	375289731.076049
1129747091	Capacitor	C313,C38		1.128806	2	375289731.076049
1189615154	Capacitor	C48		4.744484	1	159663026.715137
1189633151	Capacitor	C623,C624		4.744484	2	86049450.747498
118A6221B0	Capacitor	C456,C457		4.744484	2	86049450.747498
118C6331B0	Capacitor	C201,C211,C 220, C266,C315,C 397, C461,C517,C 525, C608,TC2		4.744484	11	17521838.469916
11C1410440	Capacitor	C53,C590		1.128806	2	375289731.076049
11C1501080	Capacitor	C31		1.128806	1	704977644.692287
11C2510480	Capacitor	C592,C594		1.128806	2	375289731.076049
11C2522480	Capacitor	C563		1.128806	1	704977644.692287
11C4501790	Capacitor	C51		1.128806	1	704977644.692287
11C4510280	Capacitor	C40		1.128806	1	704977644.692287
11C4510480	Capacitor	C477		1.128806	1	704977644.692287
11C4522290	Capacitor	C20,C42,C55 ,C57, C587,C739,C 89		1.128806	7	115633865.771428
11C4547280	Capacitor	C37		1.128806	1	704977644.692287
11C4556690	Capacitor	C12		1.128806	1	704977644.692287
11C9510490	Capacitor	C101,C111,C 189, C190,C191,C 195, C196,C197,C 588, C649,C657,C 658, C663,C685,C 691, C696,C699,C 701, C734,C738		1.128806	20	41950408.034165

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11CB510350	Capacitor	C114,C115,C116, C117,C118,C119, C120,C121,C137, C138,C139,C140, C141,C142,C198, C199		1.128806	16	52112480.802928
11E2501080	Capacitor	C22,C45,C52,C65		1.128806	4	196873384.410843
11E2501690	Capacitor	C33,C39,C47,C490, C54,C569,C622,C74, C9		1.128806	9	90863428.080946
11E2510010	Capacitor	C241,C242,C243, C350,C351,C352, C480,C481,C482, C513,C514,C515, C516,C555,C556, C557,C605,C606, C607		1.128806	19	44097696.883526
11E4433090	Capacitor	C735		1.128806	1	704977644.692287
11E4547610	Capacitor	C84		1.128806	1	704977644.692287
11E9501090	Capacitor	C644		1.128806	1	704977644.692287

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11E9501091	Capacitor	C110,C126,C136,C15,C185,C192,C261,C296,C297,C398,C426,C512,C527,C538,C547,C549,C550,C554,C558,C566,C568,C571,C576,C581,C585,C596,C602,C615,C619,C620,C643,C656,C671,C673,C683,C687,C689,C692,C7,C724,C725,C75,C91,C98		1.128806	44	19402916.060511

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11E9510490	Capacitor	C106,C107,C112, C113,C123,C125, C128,C130,C132, C133,C134,C152, C153,C154,C156, C158,C159,C424, C437,C50,C520,C521, C522,C524,C56, C560,C564,C574,C575, C58,C59,C60,C609, C61,C610,C62,C63, C64,C647,C650,C651, C652,C66,C666, C67,C675,C677,C680, C681,C682,C7		1.128806	70	12288550.464753
11E9522790	Capacitor	C8		1.128806	1	704977644.692287
11E9610080	Capacitor	C23,C496,C598, C6, C740		1.128806	5	159367490.199266
11E9622050	Capacitor	C18,C495,C509, C519,C534,C541, C543,C546,C552, C621,C642,C717		1.128806	12	68856937.301178

**Reliability Prediction
Summary**

File Name: COM-SKHB6.rfp
Assembly: 9697SKLH05-D
Ref Des:
Description:

Failure Rate: 6916.645400
MTBF (hrs): 144,579
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11E9622080	Capacitor	C2,C200,C209,C210,C217,C218,C251,C252,C277,C3,C321,C322,C323,C324,C325,C379,C389,C393,C4,C400,C401,C402,C450,C453,C460,C462,C463,C474,C510,C530,C540,C562,C565,C570,C578,C579,C603,C604,C646,C667,C669,C670,C672		1.128806	43	19845816.558772

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Failure Rate: 6916.645400
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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11EA501050	Capacitor	C202,C203,C214, C215,C216,C221, C229,C230,C231, C232,C233,C234, C235,C236,C237, C238,C240,C253, C255,C256,C257, C258,C259,C260, C262,C268,C269, C270,C271,C272, C273,C274,C275, C278,C279,C280, C281,C291,C305, C306,C307,C308, C309,C310,C311, C312,C317,C318,		1.128806	135	6423993.479725
11EA510450	Capacitor	C573,C577,C584, C586,C597,C616, C653		1.128806	7	115633865.771428
11EA610030	Capacitor	C648,C688,C695, C707,C722,C731, C733,C736,C737		1.128806	9	90863428.080946

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11EA610040	Capacitor	C108,C186,C204, C205,C206,C207, C208,C222,C223, C224,C225,C226, C227,C228,C246, C247,C248,C249, C250,C264,C282, C283,C284,C285, C286,C287,C288, C289,C293,C295, C299,C300,C301, C302,C303,C326, C328,C329,C330, C331,C332,C334, C344,C345,C346, C347,C348,C353,		1.128806	106	8159419.398207
11EA622640	Capacitor	C593,C600		1.128806	2	375289731.076049
11EA647010	Capacitor	C239,C254,C263, C298,C327,C349, C447,C448,C452, C465,C476,C489, C493,C497		1.128806	14	59316298.011235
11EB522010	Capacitor	C10		1.128806	1	704977644.692287
11EB522640	Capacitor	C589		1.128806	1	704977644.692287

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11EB610050	Capacitor	C129,C188,C25,C26,C294,C316,C396,C599,C676,C686,C69,C70,C71,C727,C744,C745,C78,C82		1.128806	18	46478509.590073
121110106G	Inductor	L10		4.944252	1	154760964.143460
121110156J	Inductor	L8		4.944252	1	154760964.143460
121110156P	Inductor	L3		4.944252	1	154760964.143460
1211101573	Inductor	L2,L4,L5,L7		4.944252	4	43912872.424775
1211102275	Inductor	L9		4.944252	1	154760964.143460
121110476V	Inductor	L11		4.944252	1	154760964.143460
1211106877	Inductor	L6		4.944252	1	154760964.143460
1211122079	Inductor	L1		4.944252	1	154760964.143460
1212306030	Inductor	FB10,FB4,FB5		4.944252	3	57363284.375370
12123A000B	Inductor	FB7		4.944252	1	154760964.143460
12123C0007	Inductor	FB2		4.944252	1	154760964.143460
12123C0031	Inductor	FB13,FB14,FB15,FB16,FB17		4.944252	5	35631881.582999
12310024A2	Miscellaneous	Y2		19.200000	1	23844262.770939
12310025A5	Miscellaneous	Y3		19.200000	1	23844262.770939
12310027A3	Miscellaneous	Y4		19.200000	1	23844262.770939
1231332726	Miscellaneous	Y1		19.200000	1	23844262.770939
1301005447	Semiconductor	D13		7.793411	1	92807310.010983
1301005450	Semiconductor	D11,D12,D14,D15,D16,D17,D18,D19,D20,D21,D22,D23		7.793411	12	9662455.000384
1301793040	Semiconductor	D1,D10,D24,D25,D3,D4,D5,D6,D7,D8		7.793411	10	11489279.961809
1304001340	Optical Device	LED2		79.003355	1	6497172.749112
1304300140	Optical Device	LED1		79.003355	1	6497172.749112
13100EMX10	Semiconductor	Q17,Q3		7.793411	2	50578095.223398
1315036640	Semiconductor	Q27		22.463360	1	31642600.748419
1315049820	Semiconductor	Q1,Q12,Q5,Q9		22.463360	4	9270607.712006
1315762010	Semiconductor	Q14,Q20		22.463360	2	17315095.066101
1315806511	Semiconductor	Q8		22.463360	1	31642600.748419
1315D4C500	Semiconductor	Q23		22.463360	1	31642600.748419

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1315EM6K10	Semiconductor	Q10,Q16,Q18,Q19,Q21,Q22,Q25,Q26,Q28,Q29,Q30,Q31,Q32,Q33,Q34,Q36,Q4,Q7		22.463360	18	2263829.704727
1315S4C500	Semiconductor	Q11,Q13,Q2,Q6		22.463360	4	9270607.712006
1430455200	Integrated Circuit	U1,U3,U45,U46,U47, U51		43.803003	6	2750969.191556
1430513620	Integrated Circuit	U13	26.4	244.222437	1	2105508.142389
1430532190	Integrated Circuit	U18		43.803003	1	11739202.588727
1430811460	Integrated Circuit	U12	19.3	158.161082	1	3251193.792283
1430811460	Integrated Circuit	U14,U4,U7		43.803003	1	11739202.588727
1430812450	Integrated Circuit	U35	33.2	363.937961	1	1412912.045799
1430812530	Integrated Circuit	U15		43.803003	1	11739202.588727
143ADP1970	Integrated Circuit	U8		43.803003	1	11739202.588727
1440219LM0	Integrated Circuit	U29		43.803003	1	11739202.588727
14406820E0	Integrated Circuit	U6	15.8	42.172140	1	12193176.182446
14407517A0	Integrated Circuit	U53		43.803003	1	11739202.588727
1440QM1700	Integrated Circuit	U19	24.2	213.892255	1	2404071.761263
1462001280	Integrated Circuit	SPI1		43.803003	1	11739202.588727
14E0085281	Integrated Circuit	U21		43.803003	1	11739202.588727
14S2432600	Integrated Circuit	U2		43.803003	1	11739202.588727
14S3010700	Integrated Circuit	U55		43.803003	1	11739202.588727
14S3121600	Integrated Circuit	U5		43.803003	1	11739202.588727
14S3121800	Integrated Circuit	U20		43.803003	1	11739202.588727
14S3621601	Integrated Circuit	U16		43.803003	1	11739202.588727
14S3902500	Integrated Circuit	U30		43.803003	1	11739202.588727
14S4911216	Integrated Circuit	U44		43.803003	1	11739202.588727
14S5A00821	Integrated Circuit	U10,U11,U17,U32,U33,U36,U38,U39,U40,U42,U43,U50,U9		26.018600	13	2601677.776747
14S5A12506	Integrated Circuit	U34,U49		26.018600	2	14194252.866846
14S6216060	Integrated Circuit	ECROM1		11.063278	1	58231413.220643
14S9330600	Integrated Circuit	U23,U24,U25,U26,U27,U28		43.803003	6	2750969.191556
14S9346000	Integrated Circuit	U31		43.803003	1	11739202.588727
1540782282	Resistor	RP1,RP2		9.971436	2	30043399.401299
1600000403	Connection	SW1(1,2OFF)		16.184835	1	35685591.360212
1651526000	Connection	DIMM1		16.184835	1	35685591.360212
1651526001	Connection	DIMM2		16.184835	1	35685591.360212

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16540M0000	Connection	CN1,CN4		16.184835	2	20390152.380746
1655902122	Connection	CN5		16.184835	1	35685591.360212
1655907130	Connection	CN2,CN3		16.184835	2	20390152.380746
1655912032	Connection	LPC1		16.184835	1	35685591.360212