

HSB-CV1P-A12

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 6832.251711 ppm MTBF: 146,365 Hours
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Issue date	Approval	Test Engineer
2013/09/04	Tom Lin	Louie Lee

Reliability Prediction (MTBF)

I . Model Name: HSB-CV1P-A12

II . Prediction Date: September. 4, 2013

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

IV . Predicted by: Louie Lee

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:

HSB-CV1P-A12 (9697CV1P08-D):

- Failure Rate: 6832.251711 ppm
- MTBF: 146,365 Hours

**AAEON Reliability Prediction
Summary**

File Name: HSB-CV1P-A12.rfp
Duty Cycle: 100
Calculation Model: Telcordia Issue 2
Method: Method I Case 3

Failure Rate: 6832.251711
MTBF (hrs): 146,365
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Assembly Name	Part Number	Ref Des	Quantity	Failure Rate	MTBF
HSB-CV1P-A12	9697CV1P08-D		1	6832.251711	146,365

File Name: HSB-CV1P-A12.rfp
Assembly: 9697CV1P08-D
Ref Des:
Description:

Failure Rate: 6832.251711
MTBF (hrs): 146,365
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1050501004	Resistor	R156,R239,R425, R427,R456		2.547039	5	67008142.102588
1050501834	Resistor	R534		2.547039	1	282340674.079668
1050502004	Resistor	R73		2.547039	1	282340674.079668
1050502204	Resistor	R178,R179		2.547039	2	154078778.388085
1050504724	Resistor	R106,R140,R231, R233,R234,R235, R240,R242,R244, R277,R281,R286, R287,R307,R312, R314,R434,R435, R564		2.547039	19	19019185.781770
1050504764	Resistor	R494,R514		2.547039	2	154078778.388085
1050505124	Resistor	R129		2.547039	1	282340674.079668
1050505633	Resistor	R545		2.547039	1	282340674.079668
1050507524	Resistor	R8		2.547039	1	282340674.079668
1050507530	Resistor	R488,R490		2.547039	2	154078778.388085
1050510034	Resistor	R10,R11,R125, R209, R212,R264,R421, R428,R453,R454, R464		2.547039	11	32049696.385471
1050511009	Resistor	R54		2.547039	1	282340674.079668
1050512104	Resistor	R28		2.547039	1	282340674.079668
1050513034	Resistor	R495,R513,R558		2.547039	3	107020754.986850
1050515034	Resistor	R559		2.547039	1	282340674.079668
1050521024	Resistor	R568		2.547039	1	282340674.079668
1050522114	Resistor	R557		2.547039	1	282340674.079668
1050524904	Resistor	R74,R94		2.547039	2	154078778.388085
1050547004	Resistor	R279,R284,R289, R290		2.547039	4	82309758.689546
1050551004	Resistor	R261,R262,R263, R270		2.547039	4	82309758.689546
1050560434	Resistor	R510		2.547039	1	282340674.079668
1050561934	Resistor	R511		2.547039	1	282340674.079668
1050590964	Resistor	R102,R103,R104, R99		2.547039	4	82309758.689546
1050702734	Resistor	R278,R316,R318		2.547039	3	107020754.986850
1050703334	Resistor	R555		2.547039	1	282340674.079668
1059500131	Resistor	R442		2.547039	1	282340674.079668

File Name: HSB-CV1P-A12.rfp
Assembly: 9697CV1P08-D
Ref Des:
Description:

Failure Rate: 6832.251711
MTBF (hrs): 146,365
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1059700001	Resistor	R390,R406,R446,R60		2.547039	4	82309758.689546
1059710003	Resistor	R459,R460		2.547039	2	154078778.388085
105A500133	Resistor	R445		2.547039	1	282340674.079668
105A500139	Resistor	R163,R164,R165, R166,R246,R26,R27, R303,R304,R422, R502,R569,R77,R84		2.547039	14	25477245.255648
105A500239	Resistor	R308		2.547039	1	282340674.079668
105A501033	Resistor	R321,R323,R324		2.547039	3	107020754.986850
105A501039	Resistor	R105,R108,R110, R122,R123,R127, R133,R135,R136, R137,R138,R141, R142,R143,R146, R147,R148,R158, R159,R160,R184, R185,R186,R187, R188,R202,R203, R204,R216,R230, R232,R24,R243,R245, R247,R248,R249, R251,R252,R253,		2.547039	84	4489333.067020
105A501139	Resistor	R567		2.547039	1	282340674.079668
105A501233	Resistor	R461		2.547039	1	282340674.079668
105A501413	Resistor	R419		2.547039	1	282340674.079668
105A501529	Resistor	R499		2.547039	1	282340674.079668
105A501539	Resistor	R333,R334,R344, R347,R391,R405, R458		2.547039	7	48991237.965885
105A502039	Resistor	R152,R305,R306,R88		2.547039	4	82309758.689546

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Assembly: 9697CV1P08-D
Ref Des:
Description:

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Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
105A503300	Resistor	R325,R326,R327, R328		2.547039	4	82309758.689546
105A505109	Resistor	R41,R42,R43,R44,R45,R52		2.547039	6	56573956.677649
105A505163	Resistor	R476		2.547039	1	282340674.079668
105A505629	Resistor	R497,R518,R536		2.547039	3	107020754.986850
105A507509	Resistor	R213,R214,R215,R53,R533		2.547039	5	67008142.102588
105A510009	Resistor	R155,R157,R29,R315,R317,R38,R436,R503,R504,R507,R508,R523,R525		2.547039	13	27342571.921361
105A514014	Resistor	R530		2.547039	1	282340674.079668
105A515003	Resistor	R443		2.547039	1	282340674.079668
105A515009	Resistor	R12,R13,R14,R217,R218,R219		2.547039	6	56573956.677649
105A522669	Resistor	R30		2.547039	1	282340674.079668
105A523713	Resistor	R20		2.547039	1	282340674.079668
105A524903	Resistor	R447		2.547039	1	282340674.079668
105A524919	Resistor	R392,R407		2.547039	2	154078778.388085
105A527403	Resistor	R31		2.547039	1	282340674.079668
105A528723	Resistor	R489		2.547039	1	282340674.079668
105A533269	Resistor	R171,R174,R175,R176,R183,R22,R32,R424,R95,R96,R97, R98		2.547039	12	29507083.749401
105A539003	Resistor	R280		2.547039	1	282340674.079668
105A540213	Resistor	R473		2.547039	1	282340674.079668
105A549969	Resistor	R36,R39		2.547039	2	154078778.388085
105A551119	Resistor	R561		2.547039	1	282340674.079668
105A554969	Resistor	R528		2.547039	1	282340674.079668
105A560469	Resistor	R121,R144		2.547039	2	154078778.388085
105A561909	Resistor	R501		2.547039	1	282340674.079668
105A561924	Resistor	R512		2.547039	1	282340674.079668
105A568103	Resistor	R15		2.547039	1	282340674.079668
105A573223	Resistor	R487		2.547039	1	282340674.079668

File Name: HSB-CV1P-A12.rfp
Assembly: 9697CV1P08-D
Ref Des:
Description:

Failure Rate: 6832.251711
MTBF (hrs): 146,365
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
105A700003	Resistor	FB10,R395,R410, R444,R450,R451, R486,R515,R516, R560,R61		2.547039	11	32049696.385471
105A700009	Resistor	R100,R145,R149, R150,R170,R172,R18, R189,R19,R192,R206, R224,R237,R238, R241,R273,R274, R295,R354,R40,R403, R417,R429,R430, R433,R465,R466, R468,R469,R472, R474,R477,R48,R49, R498,R5,R526,R546, R548,R55,R556,R57, R58,R59,R62,R63		2.547039	55	6793153.636065
105A700139	Resistor	R107,R109,R112, R128,R154,R191, R194,R23,R25,R282, R288,R389,R393, R394,R404,R408, R409,R414,R423, R482,R483,R50		2.547039	22	16518584.576317
105A701059	Resistor	R151,R177,R208,R21, R236,R509		2.547039	6	56573956.677649
105A701069	Resistor	R120		2.547039	1	282340674.079668

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105A702229	Resistor	R1,R180,R181,R182,R2,R207,R220,R221,R3,R35,R37,R4,R441,R6,R7,R85,R86,R87, R89		2.547039	19	19019185.781770
105A702263	Resistor	R470,R500,R519		2.547039	3	107020754.986850
105A702729	Resistor	R302		2.547039	1	282340674.079668
105A703329	Resistor	R529		2.547039	1	282340674.079668
105A703363	Resistor	R481		2.547039	1	282340674.079668
105A703909	Resistor	R222,R223		2.547039	2	154078778.388085
105A704763	Resistor	R549,R553		2.547039	2	154078778.388085
105A705139	Resistor	R293,R294,R296,R297,R298,R299,R300,R301,R505,R521,R556		2.547039	11	32049696.385471
105A706829	Resistor	R484,R485		2.547039	2	154078778.388085
105A708229	Resistor	R114,R116,R130,R131,R132,R134,R139,R271,R275,R276,R475,R570,R75,R90,R91,R92		2.547039	16	22425139.809646
105A722009	Resistor	R401,R402,R416, R418		2.547039	4	82309758.689546
105A733009	Resistor	R353,R437,R438,R439,R440		2.547039	5	67008142.102588
105A739039	Resistor	R153		2.547039	1	282340674.079668
106B501032	Resistor	RT1,RT2,RT3,RT4		7.724580	4	21923287.146155
1113647091	Capacitor	EC1,EC2		4.744484	2	86049450.747498
1119610190	Capacitor	EC7		4.744484	1	159663026.715137
1119622196	Capacitor	EC3,EC4,EC5,EC6		4.744484	4	45505862.704531

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1121501691	Capacitor	BC1,BC10,BC101, BC102,BC103,BC104, BC105,BC106,BC107, BC108,BC109,BC11, BC110,BC111,BC112, BC113,BC114,BC115, BC116,BC117,BC118, BC119,BC12,BC120, BC121,BC122,BC123, BC124,BC125,BC126, BC127,BC129,BC13, BC130,BC131,BC132, BC133,BC134,BC1		1.128806	128	6771458.971461
1122522890	Capacitor	C140,C141,C80,C83, C84		1.128806	5	159367490.199266
1124410191	Capacitor	C100,C97,C98,C99		1.128806	4	196873384.410843
1124418090	Capacitor	C2,C3		1.128806	2	375289731.076049
1124418190	Capacitor	C96		1.128806	1	704977644.692287
1124427091	Capacitor	C118,C120,C128, C129,C143,C76,C77, C81,C82,C91,C92		1.128806	11	74892583.279796
1124468090	Capacitor	C166,C167		1.128806	2	375289731.076049
1124510280	Capacitor	C163,C164		1.128806	2	375289731.076049
1124547190	Capacitor	C105,C106,C107, C108,C123,C124, C125,C132,C133, C134		1.128806	10	82101057.548118
1129622690	Capacitor	C16,C17,C18,C27, C34,C38,C40,C69, C70		1.128806	9	90863428.080946

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Ref Des:
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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1129701791	Capacitor	C109,C110,C111, C112,C113,C114, C115,C116,C126, C127,C135,C136, C147,C154,C155, C158,C159,C62		1.128806	18	46478509.590073
1129710091	Capacitor	C138,C47,C48,C88, C89,C90		1.128806	6	133979725.056342
1129710391	Capacitor	C151,C176,C78,C95		1.128806	4	196873384.410843
1174518180	Capacitor	CP10,CP11,CP12, CP13		1.128806	4	196873384.410843
1174522180	Capacitor	CP1,CP2,CP3,CP4, CP5,CP6,CP7,CP8, CP9		1.128806	9	90863428.080946
1181610180	Capacitor	EC8		4.744484	1	159663026.715137
1181627193	Capacitor	EC9		4.744484	1	159663026.715137
1189615151	Capacitor	C101		4.744484	1	159663026.715137
1189627150	Capacitor	TC52,TC65,TC66, TC67		4.744484	4	45505862.704531
1189633184	Capacitor	TC15,TC56,TC62, TC63		4.744484	4	45505862.704531
1189656199	Capacitor	EC10		4.744484	1	159663026.715137
11C2510190	Capacitor	TC64		1.128806	1	704977644.692287
11C2510480	Capacitor	BC143,BC144,BC149, BC150,BC87,BC88, BC89,BC90,BC91, BC92		1.128806	10	82101057.548118
11C4522190	Capacitor	C165,C168		1.128806	2	375289731.076049
11C4547290	Capacitor	C156,C157		1.128806	2	375289731.076049
11C9501050	Capacitor	C137		1.128806	1	704977644.692287
11C9510490	Capacitor	C180,C181,C182, C183,C184,C185		1.128806	6	133979725.056342

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11E1510050	Capacitor	TC33,TC34,T C35, TC36,TC37,T C38, TC44,TC45,T C46, TC47,TC49,T C50, TC53,TC54,T C58, TC59,TC60,T C61		1.128806	18	46478509.590073
11E1522680	Capacitor	C169,C170		1.128806	2	375289731.076049
11E1622060	Capacitor	C102,C103,C 104		1.128806	3	257514172.353070
11E2501080	Capacitor	C139,C142,C 160, C178		1.128806	4	196873384.410843
11E2522060	Capacitor	C161,C162		1.128806	2	375289731.076049
11E9501091	Capacitor	C1,C10,C11, C12,C14, C144,C145,C 149,C15, C150,C152,C 21,C22, C23,C24,C25 ,C28, C32,C33,C35 ,C36, C37,C39,C4, C41,C42, C43,C44,C45 ,C49, C50,C51,C52 ,C53, C54,C55,C56 ,C57, C58,C59,C6, C60,C63, C64,C65,C66 ,C67, C68,C7,C9,C 93		1.128806	51	16783130.571525

**Reliability Prediction
Summary**

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
11E9610080	Capacitor	TC10,TC11,T C12, TC13,TC14,T C16, TC17,TC18,T C19, TC20,TC21,T C31, TC32,TC4,TC 48,TC5, TC51,TC55,T C57,TC6, TC7,TC8,TC9		1.128806	23	36609385.175833
11E9622050	Capacitor	C119,C122,C 13,C131, C148,C179,C 19,C20, C26,C30,C8, C94		1.128806	12	68856937.301178
11E9647680	Capacitor	C121,C130,C 153, C177,C29,C3 1,C46		1.128806	7	115633865.771428
11E9722090	Capacitor	C85,C86,C87		1.128806	3	257514172.353070
1211100114	Inductor	L4,L5,L6		4.944252	3	57363284.375370
1211100160	Inductor	L7		4.944252	1	154760964.143460
121110106Q	Inductor	L14	7.8	5.710781	1	133988177.755603
121110156A	Inductor	L11,L12,L13		4.944252	3	57363284.375370
121110226C	Inductor	L10		4.944252	1	154760964.143460
121110226U	Inductor	L8,L9		4.944252	2	83201062.149749
1212306030	Inductor	FB1,FB11,FB 12,FB13, FB14,FB15,F B16, FB18,FB19,F B20, FB21,FB22,F B3,FB4, FB5,FB9		4.944252	16	11765215.454728
1212306031	Inductor	FB2		4.944252	1	154760964.143460
1212306035	Inductor	FB6,FB7,FB8		4.944252	3	57363284.375370
1212308054	Inductor	FB17,FB23,F B24		4.944252	3	57363284.375370
1214309006	Inductor	CH1,CH2,CH 3,CH4, CH5,CH6,CH 7,CH8		4.944252	8	22874049.098230
123131435J	Miscellaneous	Y3		19.200000	1	23844262.770939
123132505D	Miscellaneous	Y4,Y5		19.200000	2	8854051.752197
1231327053	Miscellaneous	Y1		19.200000	1	23844262.770939
1231332721	Miscellaneous	Y2		19.200000	1	23844262.770939

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Description:

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Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
12G15705007X	Connection	SATA1,SATA 2		16.184835	2	20390152.380746
1300414843	Semiconductor	D9		7.793411	1	92807310.010983
1301005442	Semiconductor	D27,D36,D38		7.793411	3	35106858.962001
1301005443	Semiconductor	D37,D7		7.793411	2	50578095.223398
1301005444	Semiconductor	D1,D10,D11, D2,D3, D6		7.793411	6	18540453.699406
1301053040	Semiconductor	D4,D8		7.793411	2	50578095.223398
1304001340	Optical Device	D42		79.003355	1	6497172.749112
1304101340	Optical Device	D41		79.003355	1	6497172.749112
1304300140	Optical Device	D26		79.003355	1	6497172.749112
1305080040	Semiconductor	D12,D13,D14 ,D15, D16,D17,D18 ,D19, D20,D21,D22 ,D23, D24,D25,D28 ,D29, D30,D31,D32 ,D33, D34,D35,D43 ,D44,D5		7.793411	25	4779446.658560
1305099140	Semiconductor	D39,D40		7.793411	2	50578095.223398
1310222210	Semiconductor	Q73		22.463360	1	31642600.748419
1310390413	Semiconductor	Q1,Q2,Q21,Q 25,Q32, Q5,Q6		22.463360	7	5525968.936223
1311390612	Semiconductor	Q18,Q22,Q3 3		22.463360	3	12043329.789539
1314108412	Semiconductor	U34		7.793411	1	92807310.010983
1314917314	Semiconductor	U46		22.463360	1	31642600.748419
1315030110	Semiconductor	Q3,Q4		22.463360	2	17315095.066101
1315034430	Semiconductor	U36,U37		22.463360	2	17315095.066101
1315230410	Semiconductor	Q35		22.463360	1	31642600.748419
1315230511	Semiconductor	Q12		22.463360	1	31642600.748419
1315422410	Semiconductor	U42,U43		22.463360	2	17315095.066101
1315482110	Semiconductor	U39		22.463360	1	31642600.748419
1315482410	Semiconductor	U41		22.463360	1	31642600.748419
1315668012	Semiconductor	Q34,Q38		22.463360	2	17315095.066101
1315700211	Semiconductor	Q70		22.463360	1	31642600.748419
1315700212	Semiconductor	Q15,Q16,Q1 7,Q72		22.463360	4	9270607.712006

File Name: HSB-CV1P-A12.rfp
Assembly: 9697CV1P08-D
Ref Des:
Description:

Failure Rate: 6832.251711
MTBF (hrs): 146,365
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1315700216	Semiconductor	Q10,Q11,Q13,Q14, Q19,Q20,Q23,Q24, Q26,Q27,Q28,Q29, Q36,Q37,Q39,Q40,Q7, Q8,Q9		22.463360	19	2149533.403027
1315762010	Semiconductor	Q41,Q42		22.463360	2	17315095.066101
1440D25500	Integrated Circuit	U1	5.2	27.213628	1	18895398.162648
1462HCVPCO	Integrated Circuit	U6		11.063278	1	58231413.220643
14S2200900	Integrated Circuit	U9		43.803003	1	11739202.588727
14S2591200	Integrated Circuit	U38		43.803003	1	11739202.588727
14S2750100	Integrated Circuit	U35		43.803003	1	11739202.588727
14S3050100	Integrated Circuit	U4	16.8	135.103473	1	3806063.004267
14S3111600	Integrated Circuit	U40		43.803003	1	11739202.588727
14S3112400	Integrated Circuit	U44		43.803003	1	11739202.588727
14S3524700	Integrated Circuit	U7		43.803003	1	11739202.588727
14S3816700	Integrated Circuit	U45		43.803003	1	11739202.588727
14S4001000	Integrated Circuit	U2	11.1	93.447073	1	5502712.012331
14S4021301	Integrated Circuit	U16	8.9	80.762037	1	6367005.418629
14S4048502	Integrated Circuit	U11		43.803003	1	11739202.588727
14S4081110	Integrated Circuit	U32		43.803003	1	11739202.588727
14S4048502	Integrated Circuit	U13	4.5	59.947437	1	8577720.016817
14S4186600	Integrated Circuit	U10		43.803003	1	11739202.588727
14S4519500	Integrated Circuit	U29		43.803003	1	11739202.588727
14S4811102	Integrated Circuit	U23,U26		43.803003	2	6834791.244197
14S4911216	Integrated Circuit	U21		43.803003	1	11739202.588727
14S5812502	Integrated Circuit	U15		26.018600	1	25551442.237972
14S5A00821	Integrated Circuit	U3,U31,U33, U8		26.018600	4	7696979.559193
14S5A01400	Integrated Circuit	U17		26.018600	1	25551442.237972
14S5A01402	Integrated Circuit	U25,U28		26.018600	2	14194252.866846
14S5A12506	Integrated Circuit	U14		26.018600	1	25551442.237972
14S5A23200	Integrated Circuit	U12	15.5	49.946429	1	13310516.071054
14S5A73200	Integrated Circuit	U30		26.018600	1	25551442.237972
14S5A23200	Integrated Circuit	U18	18.7	56.699198	1	11725258.392635
14S5A23200	Integrated Circuit	U19		26.018600	1	25551442.237972
14S6203204	Integrated Circuit			11.063278	1	58231413.220643
14S6366B00	Integrated Circuit	U24,U27		11.063278	2	32567094.099626
14S9820800	Integrated Circuit	U20		43.803003	1	11739202.588727
1540710280	Resistor	RP16,RP17		9.971436	2	30043399.401299
1540727284	Resistor	RP10,RP11,R P14, RP15		9.971436	4	17049357.262242

File Name: HSB-CV1P-A12.rfp
Assembly: 9697CV1P08-D
Ref Des:
Description:

Failure Rate: 6832.251711
MTBF (hrs): 146,365
Temperature: 30
Environment: GF, GU - Ground Fixed, Uncontrolled

Part Number	Category	Ref Des	Tem.Rise	Unit Failure Rate	Quantity	MTBF,Unit
1540733085	Resistor	RP1,RP12,RP13,RP2,RP4,RP5,RP6,RP7,RP8,RP9		9.971436	10	7746494.690806
1540782282	Resistor	RN1,RN2,RN3,RN4,RN5,RN6,RP3		9.971436	7	10584778.288368
16515A2995	Connection	DIMM1		16.184835	1	35685591.360212
165251420B	Connection	CN6,CN7		16.184835	2	20390152.380746
1653003101	Connection	JP1,JP2,JP3,JP4,JP5		16.184835	5	9343344.843761
1653003201	Connection	JP6		16.184835	1	35685591.360212
1653004200	Connection	FP1,FP2		16.184835	2	20390152.380746
165300420L	Connection	SPI1		16.184835	1	35685591.360212
1653005201	Connection	CN5,USB1,USB2,USB3		16.184835	4	11344857.509064
1653005205	Connection	CN9		16.184835	1	35685591.360212
1653006101	Connection	IR1		16.184835	1	35685591.360212
1653205203	Connection	COM1,COM2,COM3,COM4		16.184835	4	11344857.509064
1653213203	Connection	LPT1		16.184835	1	35685591.360212
1653300100	Connection	FP2(5-7)		16.184835	1	35685591.360212
1653300102	Connection	JP4(1-2)		16.184835	1	35685591.360212
1653300107	Connection	JP2(2-3),JP3(2-3),JP5(1-2),JP6(3-4)		16.184835	4	11344857.509064
1653300108	Connection	JP1(1-2)		16.184835	1	35685591.360212
1654030003	Connection	CN2		16.184835	1	35685591.360212
1654515308	Connection	VGA1		16.184835	1	35685591.360212
1654606100	Connection	CN4		16.184835	1	35685591.360212
1654804100	Connection	USB4		16.184835	1	35685591.360212
1655003016	Connection	FAN1		16.184835	1	35685591.360212
1655003022	Connection	CN8		16.184835	1	35685591.360212
1655004014	Connection	FAN2		16.184835	1	35685591.360212
1655005021	Connection	CN3		16.184835	1	35685591.360212
1655305020	Connection	CN1		16.184835	1	35685591.360212
1655404020	Connection	ATX1		16.184835	1	35685591.360212
1655902030	Connection	BAT1A1		16.184835	1	35685591.360212
1655905032	Connection	CN10		16.184835	1	35685591.360212
175011901M	Miscellaneous	BAT1B1		306.000000	1	1681683.006787
1752000501	Miscellaneous	FS2		2.400000	1	254626042.602335
1752001603	Miscellaneous	F1,F2,F3,F4,FS1,FS3		2.400000	6	55326690.213143