

GENE-HD05

Reliability Prediction Report (MTBF)

Summary	Failure Rate: 13.347684 ppm MTBF: 74,919 Hours
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Issue date

Approval

Test Engineer

2012/08/06

Tom Lin

Jessica Chou

Reliability Prediction (MTBF)

I . Model Name: GENE-HD05(9697HD0509-D)

II . Prediction Date: Aug. 6th, 2012

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 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 multiplier is 1,000,000.
- MTBF : MTBF is always specified in hours.

VIII. Prediction Result:

GENE-HD05(9697HD0509-D):

- Failure Rate: 13.347684 ppm
- MTBF: 74,919 Hours

AAEON Reliability Prediction Report

Part Number 9697HD0509-D
Reference Des
Date 08. 6, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00

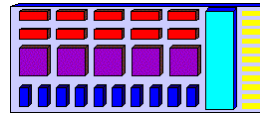


Description Top-level assembly
File Name GENE-HD05.RPJ
Time 15:59
Failure Rate 13.347684
MTBF 74,919

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
GENE-HD05	9697HD0509-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	13.35	74919.36

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Description Top-level assembly
File Name GENE-HD05.RPJ
Time 15:59
Failure Rate 13.347684
MTBF 74,919

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1654030006	Connection	CN23	Telcordia Issue 1	Level I		1.00	0.001138	.0085	878780270.71
1655912032	Connection	CN1	Telcordia Issue 1	Level I		1.00	0.001138	.0085	878780270.71
1655909035	Connection	CN2	Telcordia Issue 1	Level I		1.00	0.001138	.0085	878780270.71
1214309009	Inductor	CH1,CH2,CH3,CH4	Telcordia Issue 1	Level I		4.00	0.002268	.0680	440974090.03
1214309008	Inductor	CH10,CH11,CH12	Telcordia Issue 1	Level I		3.00	0.002268	.0510	440974090.03
1655907131	Connection	CN31	Telcordia Issue 1	Level I		1.00	0.001138	.0085	878780270.71
1301013041	Semiconductor	D50	Telcordia Issue 1	Level I		1.00	0.023881	.1789	41874327.58
16515A2990	Connection	SO-DIMM1	Telcordia Issue 1	Level I		1.00	0.001138	.0085	878780270.71
1174522180	Capacitor	CP7	Telcordia Issue 1	Level I		1.00	0.005466	.0409	182961702.19
1121501691	Capacitor	C1,C106,C107,C108, C109,C11,C110,C111, C112,C113,C114, C115,C116,C117, C118,C121,C123, C125,C126,C127, C128,C129,C130, C131,C132,C133, C134,C135,C14,C147, C148,C149,C15,C150, C151,C152,C153, C154,C155,C158, C161,C162,C163,	Telcordia Issue 1	Level I		223.00	0.004535	7.5773	220487045.01
11E1622060	Capacitor	C4	Telcordia Issue 1	Level I		1.00	0.004535	.0340	220487045.01
11E2501690	Capacitor	C13,C16,C18,C22, C250,C251,C252,C48, C493,C63,C8	Telcordia Issue 1	Level I		11.00	0.004535	.3738	220487045.01
11C2539290	Capacitor	C9	Telcordia Issue 1	Level I		1.00	0.004535	.0340	220487045.01
11C2510480	Capacitor	C10,C255,C263,C270, C288	Telcordia Issue 1	Level I		5.00	0.004535	.1699	220487045.01
1124418190	Capacitor	C12,C138,C144,C285, C293,C295,C303, C306,C308,C313, C320,C345,C36,C37, C372,C49	Telcordia Issue 1	Level I		16.00	0.004535	.5437	220487045.01
1129701791	Capacitor	C139,C140,C141, C142,C197,C20,C200, C201,C202,C203, C277,C418,C419, C431,C443,C444, C445,C446,C46,C51, C52,C54,C65,C70, C71	Telcordia Issue 1	Level I		25.00	0.004535	.8495	220487045.01
1129622690	Capacitor	C120,C24,C333,C393, C394	Telcordia Issue 1	Level I		5.00	0.004535	.1699	220487045.01
11C4401880	Capacitor	C27,C98	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01

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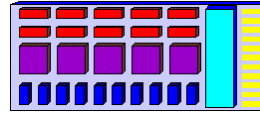


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MTBF 74,919

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11E9610080	Capacitor	C102,C122,C160, C216,C232,C234, C235,C305,C32,C327, C332,C355,C360, C364,C379,C399, C427,C428,C433, C434,C45,C66,C77, C78,C87,C90,C97	Telcordia Issue 1	Level I		27.00	0.004535	.9174	220487045.01
11E2501080	Capacitor	C38	Telcordia Issue 1	Level I		1.00	0.004535	.0340	220487045.01
11C4522190	Capacitor	C237,C40	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01
11E9501091	Capacitor	C137,C145,C198, C215,C217,C244, C248,C283,C284, C289,C296,C302, C309,C316,C318, C325,C328,C330, C331,C335,C336, C337,C338,C339, C340,C341,C342, C350,C351,C352, C359,C366,C370, C371,C375,C381, C386,C397,C398,	Telcordia Issue 1	Level I		52.00	0.004535	1.7669	220487045.01
11C4522290	Capacitor	C43,C460,C72	Telcordia Issue 1	Level I		3.00	0.004535	.1019	220487045.01
1124418090	Capacitor	C157,C170,C57,C58	Telcordia Issue 1	Level I		4.00	0.004535	.1359	220487045.01
1122568290	Capacitor	C279,C60	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01
1129522790	Capacitor	C457,C462,C479,C64	Telcordia Issue 1	Level I		4.00	0.004535	.1359	220487045.01
1124427091	Capacitor	C105,C124,C159, C171,C188,C196, C204,C207,C357, C485,C486,C487, C488,C69	Telcordia Issue 1	Level I		14.00	0.004535	.4757	220487045.01
11C2501790	Capacitor	C74,C76	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01
11C4547290	Capacitor	C75,C99	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01
11E9510050	Capacitor	C101,C136,C172, C206,C208,C249, C273,C297,C326, C329,C404,C405, C436,C437,C463, C469,C471,C475,C79, C85,C92,C93	Telcordia Issue 1	Level I		22.00	0.004535	.7475	220487045.01
11C4547190	Capacitor	C80	Telcordia Issue 1	Level I		1.00	0.004535	.0340	220487045.01

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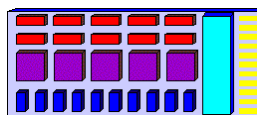


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1124410191	Capacitor	C229,C267,C409, C412,C414,C429, C447,C452,C81	Telcordia Issue 1	Level I		9.00	0.004535	.3058	220487045.01
11C1547890	Capacitor	C219,C228,C281,C84	Telcordia Issue 1	Level I		4.00	0.004535	.1359	220487045.01
11E1510050	Capacitor	C230,C243,C256, C268,C458,C494,C94	Telcordia Issue 1	Level I		7.00	0.004535	.2379	220487045.01
11E9647680	Capacitor	C100,C179,C180	Telcordia Issue 1	Level I		3.00	0.004535	.1019	220487045.01
1124547190	Capacitor	C119,C143,C156, C185,C186,C190, C191,C209,C213, C455	Telcordia Issue 1	Level I		10.00	0.004535	.3398	220487045.01
1129710091	Capacitor	C193,C489,C490, C491	Telcordia Issue 1	Level I		4.00	0.004535	.1359	220487045.01
11C4501790	Capacitor	C195	Telcordia Issue 1	Level I		1.00	0.004535	.0340	220487045.01
1129710391	Capacitor	C214,C221,C239	Telcordia Issue 1	Level I		3.00	0.004535	.1019	220487045.01
11C4515190	Capacitor	C260,C271	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01
11E9622050	Capacitor	C314,C368,C390, C395,C423,C441, C449	Telcordia Issue 1	Level I		7.00	0.004535	.2379	220487045.01
11E9722090	Capacitor	C481,C482,C483	Telcordia Issue 1	Level I		3.00	0.004535	.1019	220487045.01
1304300140	Semiconductor	D1,D13	Telcordia Issue 1	Level I		2.00	0.004877	.0731	205063180.81
1305040241	Semiconductor	D14,D15,D16,D17, D18,D19,D2,D20,D3, D33,D34,D35,D36, D37,D38,D39,D4,D40, D41,D42,D43,D44, D45,D46,D47,D48, D49,D5,D6	Telcordia Issue 1	Level I		29.00	0.023881	5.1885	41874327.58
1301005441	Semiconductor	D7	Telcordia Issue 1	Level I		1.00	0.027212	.2039	36747840.84
1301005442	Semiconductor	D11,D12,D8	Telcordia Issue 1	Level I		3.00	0.023881	.5367	41874327.58
1304101340	Semiconductor	D9	Telcordia Issue 1	Level I		1.00	0.004877	.0365	205063180.81
1304001340	Semiconductor	D10	Telcordia Issue 1	Level I		1.00	0.004877	.0365	205063180.81
1301400642	Semiconductor	D21	Telcordia Issue 1	Level I		1.00	0.023881	.1789	41874327.58
1301005443	Semiconductor	D22	Telcordia Issue 1	Level I		1.00	0.027212	.2039	36747840.84
1301005444	Semiconductor	D24,D32,D51,D52, D53	Telcordia Issue 1	Level I		5.00	0.023881	.8946	41874327.58
1301075140	Semiconductor	D27,D28,D29	Telcordia Issue 1	Level I		3.00	0.023881	.5367	41874327.58
1212306030	Resistor	FB1,FB19,FB2,FB22, FB26,FB3,FB31,FB36, FB37,FB38,FB39,FB4, FB40,FB41,FB6,FB7, FB8	Telcordia Issue 1	Level I		17.00	0.011379	1.4493	87878027.07
12123C0003	Inductor	FB5	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1212306035	Inductor	FB10,FB11,FB12, FB13,FB14,FB20, FB21,FB42,FB43, FB44,FB9	Telcordia Issue 1	Level I		11.00	0.002268	.1869	440974090.03

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Temp. (°C) 25.00



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File Name GENE-HD05.RPJ
Time 15:59
Failure Rate 13.347684
MTBF 74,919

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1212308054	Resistor	FB15,FB17	Telcordia Issue 1	Level I		2.00	0.011379	.1705	87878027.07
1212306036	Inductor	FB23,FB24,FB27,FB28,FB32,FB35	Telcordia Issue 1	Level I		6.00	0.002268	.1019	440974090.03
1752001601	Miscellaneous	FS2,FS3	Telcordia Issue 1	Level I		2.00	0.003000	.0450	333333333.33
121110156K	Inductor	L1,L6	Telcordia Issue 1	Level I		2.00	0.086173	1.2912	11604581.32
121110336Y	Inductor	L2	Telcordia Issue 1	Level I		1.00	0.086173	.6456	11604581.32
121110106G	Inductor	L3,L5,L8	Telcordia Issue 1	Level I		3.00	0.086173	1.9368	11604581.32
121110106G	Inductor	L4	Telcordia Issue 1	Level I	11.60	1.00	0.107248	.8035	9324183.02
121110476Q	Inductor	L7,L9	Telcordia Issue 1	Level I		2.00	0.086173	1.2912	11604581.32
1315700216	Semiconductor	Q12,Q15,Q17,Q18,Q19,Q20,Q21,Q22,Q25,Q27,Q28,Q29,Q30,Q31,Q34,Q35,Q38,Q4,Q41,Q43,Q45,Q46,Q56,Q57,Q58	Telcordia Issue 1	Level I		25.00	0.079603	14.9096	12562298.27
1315762010	Semiconductor	Q10,Q23,Q7,Q9	Telcordia Issue 1	Level I		4.00	0.000000	.0000	.00
1315230511	Semiconductor	Q11,Q24,Q37,Q54	Telcordia Issue 1	Level I		4.00	0.079603	2.3855	12562298.27
1310390413	Semiconductor	Q42,Q47,Q55	Telcordia Issue 1	Level I		3.00	0.023881	.5367	41874327.58
1315050311	Integrated Circuit	Q49,Q52	Telcordia Issue 1	Level I		2.00	0.059366	.8895	16844654.92
1315R30310	Integrated Circuit	Q50,Q51	Telcordia Issue 1	Level I		2.00	0.059366	.8895	16844654.92
1540733085	Resistor	RP1	Telcordia Issue 1	Level I		1.00	0.006246	.0468	160102772.00
1540782282	Resistor	RP2	Telcordia Issue 1	Level I		1.00	0.012492	.0936	80051386.00
1540710280	Resistor	RP3,RP4	Telcordia Issue 1	Level I		2.00	0.006246	.0936	160102772.00
106B501032	Resistor	RT1,RT2,RT3,RT4	Telcordia Issue 1	Level I		4.00	0.011379	.3410	87878027.07
105A501039	Resistor	R1,R100,R101,R102,R12,R131,R132,R133,R134,R139,R16,R161,R17,R183,R184,R188,R189,R193,R194,R195,R196,R200,R201,R205,R213,R215,R259,R265,R289,R296,R299,R3,R302,R308,R309,R314,R315,R317,R318,R319,R321,R323,R327,R337,	Telcordia Issue 1	Level I		96.00	0.002268	1.6310	440974090.03
105A569823	Resistor	R2	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03

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1050510034	Resistor	R232,R257,R262, R264,R282,R301, R324,R37,R371,R380, R483,R491,R532, R540,R61,R73,R87, R92	Telcordia Issue 1	Level I		18.00	0.002268	.3058	440974090.03
105A506829	Resistor	R199,R218,R240, R252,R260,R283, R288	Telcordia Issue 1	Level I		7.00	0.002268	.1189	440974090.03
105A703309	Resistor	R228,R238,R243, R294,R377,R399,R44, R59,R71	Telcordia Issue 1	Level I		9.00	0.002268	.1529	440974090.03
105A701059	Resistor	R208,R277,R325, R350,R366,R58	Telcordia Issue 1	Level I		6.00	0.002268	.1019	440974090.03
105A560423	Resistor	R60	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A500239	Resistor	R209,R241,R253, R254,R50,R524,R64	Telcordia Issue 1	Level I		7.00	0.002268	.1189	440974090.03
105A561933	Resistor	R65	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A700009	Resistor	R103,R109,R115, R136,R216,R227, R231,R266,R267, R268,R269,R270, R271,R272,R273, R275,R276,R286, R310,R316,R320, R329,R335,R341, R343,R344,R348, R362,R363,R374, R375,R381,R392, R393,R428,R433, R440,R441,R448,	Telcordia Issue 1	Level I		50.00	0.002268	.8495	440974090.03
105A549969	Resistor	R149,R150,R67,R93	Telcordia Issue 1	Level I		4.00	0.002268	.0680	440974090.03
105A527423	Resistor	R74	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1050549904	Resistor	R244,R245,R246, R247,R248,R249, R250,R251,R85	Telcordia Issue 1	Level I		9.00	0.002268	.1529	440974090.03
105A566503	Resistor	R155,R156,R88,R89	Telcordia Issue 1	Level I		4.00	0.002268	.0680	440974090.03
105A702269	Resistor	R124,R138,R153, R154,R414,R497,R90, R91	Telcordia Issue 1	Level I		8.00	0.002268	.1359	440974090.03
105A549923	Resistor	R104,R126	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
105A525513	Resistor	R108	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A515009	Resistor	R110,R111,R112, R160,R519,R520, R522	Telcordia Issue 1	Level I		7.00	0.002268	.1189	440974090.03
1050539214	Resistor	R114,R140	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03

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1050502204	Resistor	R117,R118,R119, R120,R121,R162, R163,R164,R165, R204,R242,R479, R480,R528	Telcordia Issue 1	Level I		14.00	0.002268	.2379	440974090.03
105A702229	Resistor	R122,R123,R19,R220, R221,R222,R223,R29, R346,R351,R460, R506,R510	Telcordia Issue 1	Level I		13.00	0.002268	.2209	440974090.03
105A701069	Resistor	R127	Telcordia Issue 1	Level I		1.00	0.013606	.1019	73495681.67
105A556213	Resistor	R137,R144	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
105A503933	Resistor	R141	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A501533	Resistor	R146,R452	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
1050551004	Resistor	R168,R169,R521	Telcordia Issue 1	Level I		3.00	0.002268	.0510	440974090.03
1050539264	Resistor	R170	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1050530004	Resistor	R172,R202,R203	Telcordia Issue 1	Level I		3.00	0.002268	.0510	440974090.03
105A516223	Resistor	R173	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1050507530	Resistor	R191,R417	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
105A703363	Resistor	R217	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1050511824	Resistor	R219	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1050512714	Resistor	R233	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1050559004	Resistor	R239	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A501539	Resistor	R284,R492	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
1050505134	Resistor	R295	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A502039	Resistor	R298,R43,R475,R52	Telcordia Issue 1	Level I		4.00	0.002268	.0680	440974090.03
105A722009	Resistor	R300,R305,R312, R322	Telcordia Issue 1	Level I		4.00	0.002268	.0680	440974090.03
105A524919	Resistor	R303,R500	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
105A548723	Resistor	R306	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
1059700001	Resistor	R331,R481	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
105A501233	Resistor	R334,R453	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
105A704739	Resistor	R390	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A505629	Resistor	R404	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A512039	Resistor	R408	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A525523	Resistor	R409	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A543223	Resistor	R413	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A534823	Resistor	R416	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A505109	Resistor	R421,R425	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
1050508224	Resistor	R255,R256,R426	Telcordia Issue 1	Level I		3.00	0.002268	.0510	440974090.03
105A531603	Resistor	R429	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03

AAEON Reliability Prediction Report

Part Number 9697HD0509-D
Reference Des
Date 08. 6, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.00



Description Top-level assembly
File Name GENE-HD05.RPJ
Time 15:59
Failure Rate 13.347684
MTBF 74,919

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A506803	Resistor	R436	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A528723	Resistor	R442	Telcordia Issue 1	Level I		1.00	0.002268	.0170	440974090.03
105A507509	Resistor	R508,R509,R511	Telcordia Issue 1	Level I		3.00	0.002268	.0510	440974090.03
105A703909	Resistor	R512,R516	Telcordia Issue 1	Level I		2.00	0.002268	.0340	440974090.03
1189622152	Capacitor	TC1	Telcordia Issue 1	Level I		1.00	0.004535	.0340	220487045.01
1189633193	Capacitor	TC14,TC15,TC3,TC4	Telcordia Issue 1	Level I		4.00	0.004535	.1359	220487045.01
1189627150	Capacitor	TC11,TC16,TC18,TC19,TC2,TC5,TC6, TC9	Telcordia Issue 1	Level I		8.00	0.004535	.2718	220487045.01
1189615151	Capacitor	TC10,TC12,TC20, TC21	Telcordia Issue 1	Level I		4.00	0.004535	.1359	220487045.01
1182622080	Capacitor	TC13,TC17	Telcordia Issue 1	Level I		2.00	0.004535	.0680	220487045.01
1315667910	Semiconductor	U1	Telcordia Issue 1	Level I		1.00	0.159207	1.1928	6281149.14
14S2321900	Semiconductor	U3	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
1315482110	Semiconductor	U5,U7	Telcordia Issue 1	Level I		2.00	0.079603	1.1928	12562298.27
14S634022E	Integrated Circuit	U6	Telcordia Issue 1	Level I		1.00	0.026372	.1976	37918485.54
14S4186600	Integrated Circuit	U8	Telcordia Issue 1	Level I		1.00	0.026183	.1962	38193355.79
14S3838000	Integrated Circuit	U12	Telcordia Issue 1	Level II		1.00	0.008728	.0654	114580067.38
14S9811500	Integrated Circuit	U14	Telcordia Issue 1	Level I		1.00	0.059366	.4448	16844654.92
14S3973100	Integrated Circuit	U15	Telcordia Issue 1	Level I		1.00	0.059366	.4448	16844654.92
14S3973100	Integrated Circuit	U55	Telcordia Issue 1	Level I	12.80	1.00	0.145700	1.0916	6863412.72
1315970211	Semiconductor	U21	Telcordia Issue 1	Level I		1.00	0.159207	1.1928	6281149.14
14S4T56N00	Integrated Circuit	U17	Telcordia Issue 1	Level I	11.80	1.00	0.051027	.3823	19597658.22
14S3112400	Integrated Circuit	U19	Telcordia Issue 1	Level I		1.00	0.059366	.4448	16844654.92
14S4A50M00	Integrated Circuit	U20	Telcordia Issue 1	Level I	13.80	1.00	0.056851	.4259	17589849.82
14S3052400	Integrated Circuit	U23,U24	Telcordia Issue 1	Level I		2.00	0.059366	.8895	16844654.92
14S5A00704	Integrated Circuit	U26	Telcordia Issue 1	Level I		1.00	0.026183	.1962	38193355.79
14S5920400	Integrated Circuit	U27,U34	Telcordia Issue 1	Level I		2.00	0.059366	.8895	16844654.92
1315190100	Semiconductor	U28	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
14S4811102	Integrated Circuit	U31,U32	Telcordia Issue 1	Level I		2.00	0.026183	.3923	38193355.79
14S9751100	Integrated Circuit	U33	Telcordia Issue 1	Level I	10.10	1.00	0.046496	.3483	21507211.70
14S3121600	Integrated Circuit	U35	Telcordia Issue 1	Level I		1.00	0.032000	.2397	31250122.20
14S4600004	Integrated Circuit	U36	Telcordia Issue 1	Level I		1.00	0.026183	.1962	38193355.79
1315155510	Semiconductor	U37,U43,U47	Telcordia Issue 1	Level I		3.00	0.159207	3.5783	6281149.14
14S3E00100	Integrated Circuit	U39,U40	Telcordia Issue 1	Level I		2.00	0.059366	.8895	16844654.92
1315446310	Semiconductor	U42,U46,U48,U50	Telcordia Issue 1	Level I		4.00	0.079603	2.3855	12562298.27
14S2362400	Integrated Circuit	U44	Telcordia Issue 1	Level I		1.00	0.059366	.4448	16844654.92
14S5A00821	Integrated Circuit	U25,U49,U54	Telcordia Issue 1	Level I		3.00	0.026183	.5885	38193355.79

