

# EMB-LN9T

Rev. B

## Reliability Prediction Report (MTBF)

Summary	Failure Rate: 14.779284 ppm MTBF: 67,662 Hours
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Issue date

Approval

Test Engineer

2011/12/20

Jansin Lee

Jessica Chou

# Reliability Prediction (MTBF)

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**I . Model Name:** EMB-LN9T Rev.B (9697LN9T10-D)

**II . Prediction Date:** Dec. 20, 2011

**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:**

EMB-LN9T Rev.B (9697LN9T10-D):

- Failure Rate: 14.779284ppm
- MTBF: 67,662 Hours

### AAEON Reliability Prediction Report

**Part Number** 9697LN9T10-D  
**Reference Des**  
**Date** 12. 20, 2011  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EMB-LN9T-B0.1.RPJ  
**Time** 15:09  
**Failure Rate** 14.779284  
**MTBF** 67,662

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
EMB-LN9T Rev.B	9697LN9T10-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	14.78	67662.28





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**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EMB-LN9T-B0.1.RPJ  
**Time** 15:09  
**Failure Rate** 14.779284  
**MTBF** 67,662

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
1189633160	Capacitor	C284,C339,C438,C452,C488,C572	Telcordia Issue 1	Level I		6.00	0.004535	.1841	220487045.01
11C1522650	Capacitor	C286,C300,C327	Telcordia Issue 1	Level I		3.00	0.004535	.0921	220487045.01
1189610151	Capacitor	C287,C439,C517	Telcordia Issue 1	Level I		3.00	0.004535	.0921	220487045.01
1124533280	Capacitor	C328	Telcordia Issue 1	Level I		1.00	0.004535	.0307	220487045.01
11C2510480	Capacitor	C343,C350,C357,C509,C553,C564,C684,C685,C686,C696,C697,C737,C741,C749,C750,C757,C758	Telcordia Issue 1	Level I		17.00	0.004535	.5217	220487045.01
11E9647680	Capacitor	C421,C442	Telcordia Issue 1	Level I		2.00	0.004535	.0614	220487045.01
1124522881	Capacitor	C454,C503	Telcordia Issue 1	Level I		2.00	0.004535	.0614	220487045.01
1121647780	Capacitor	C479,C506	Telcordia Issue 1	Level I		2.00	0.004535	.0614	220487045.01
1124522280	Capacitor	C527,C718	Telcordia Issue 1	Level I		2.00	0.004535	.0614	220487045.01
1124522680	Capacitor	C528,C707	Telcordia Issue 1	Level I		2.00	0.004535	.0614	220487045.01
1124582180	Capacitor	C573	Telcordia Issue 1	Level I		1.00	0.004535	.0307	220487045.01
1124447180	Capacitor	C598	Telcordia Issue 1	Level I		1.00	0.004535	.0307	220487045.01
1124418080	Capacitor	C621,C622	Telcordia Issue 1	Level I		2.00	0.004535	.0614	220487045.01
1301400642	Semiconductor	D1,D14,D15,D19,D22,D25,D29,D4	Telcordia Issue 1	Level I		8.00	0.023881	1.2927	41874327.58
1301400541	Semiconductor	D2,D20,D21,D24,D27,D28,D30	Telcordia Issue 1	Level I		7.00	0.023881	1.1311	41874327.58
1305100541	Semiconductor	D10,D11,D12,D26,D31,D32,D33,D34,D35,D36,D37,D38,D5,D6,D7,D8,D9	Telcordia Issue 1	Level I		17.00	0.023881	2.7469	41874327.58
1305099140	Semiconductor	D17,D18	Telcordia Issue 1	Level I		2.00	0.079603	1.0772	12562298.27
1301053040	Semiconductor	D40,D41	Telcordia Issue 1	Level I		2.00	0.023881	.3232	41874327.58
1301400440	Semiconductor	D42,D43,D44,D45,D46	Telcordia Issue 1	Level I		5.00	0.023881	.8079	41874327.58
1752001601	Miscellaneous	FS1,FS3,FS4	Telcordia Issue 1	Level I		3.00	0.003000	.0609	33333333.33
1752000501	Miscellaneous	FS2	Telcordia Issue 1	Level I		1.00	0.003000	.0203	33333333.33
1304101340	Semiconductor	LED1	Telcordia Issue 1	Level I		1.00	0.004877	.0330	205063180.81
1304001340	Semiconductor	LED2	Telcordia Issue 1	Level I		1.00	0.004877	.0330	205063180.81
165321320E	Connection	LPT1	Telcordia Issue 1	Level I		1.00	0.014793	.1001	67598482.36
12123C0006	Inductor	L1,L10,L11,L12,L13,L15,L2,L20,L3,L4,L5,L6	Telcordia Issue 1	Level I		12.00	0.002268	.1841	440974090.03
12123D0001	Inductor	L57,L58,L59,L7,L8,L9	Telcordia Issue 1	Level I		6.00	0.002268	.0921	440974090.03
12123C0010	Inductor	L14,L16,L17,L19,L22,L27,L31,L32,L33,L34,L37,L43,L45,L48,L50,L52,L55,L56	Telcordia Issue 1	Level I		18.00	0.002268	.2762	440974090.03

**AAEON Reliability Prediction Report**

**Part Number** 9697LN9T10-D  
**Reference Des**  
**Date** 12. 20, 2011  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EMB-LN9T-B0.1.RPJ  
**Time** 15:09  
**Failure Rate** 14.779284  
**MTBF** 67,662

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
121110336X	Inductor	L18,L25,L64,L68	Telcordia Issue 1	Level I		4.00	0.086173	2.3323	11604581.32
121110476V	Inductor	L23,L44	Telcordia Issue 1	Level I		2.00	0.086173	1.1661	11604581.32
121110106D	Inductor	L28,L29,L46,L51, L53,L54	Telcordia Issue 1	Level I		6.00	0.002268	.0921	440974090.03
121110106F	Inductor	L35	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
121110336Y	Inductor	L39,L42	Telcordia Issue 1	Level I		2.00	0.086173	1.1661	11604581.32
12123C0003	Inductor	L47,L49	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
1654262300	Connection	MPC11	Telcordia Issue 1	Level I		1.00	0.070552	.4774	14173875.33
1315700216	Semiconductor	Q1,Q17,Q2,Q21,Q22, Q23,Q24,Q26,Q27, Q28,Q3,Q33,Q42,Q43, Q46,Q47,Q48,Q5,Q8	Telcordia Issue 1	Level I		19.00	0.079603	10.2337	12562298.27
1315230511	Semiconductor	Q4,Q7	Telcordia Issue 1	Level I		2.00	0.079603	1.0772	12562298.27
1310390413	Semiconductor	Q10,Q16,Q25,Q38, Q44,Q6,Q62,Q9	Telcordia Issue 1	Level I		8.00	0.023881	1.2927	41874327.58
1315441012	Semiconductor	Q11,Q12,Q13,Q14, Q35,Q36,Q37,Q39, Q40,Q41,Q54,Q55	Telcordia Issue 1	Level I		12.00	0.079603	6.4634	12562298.27
1311390612	Semiconductor	Q15,Q45,Q61	Telcordia Issue 1	Level I		3.00	0.023881	.4848	41874327.58
1315R30310	Integrated Circuit	Q29	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
1315050311	Integrated Circuit	Q31	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
1315443510	Semiconductor	Q34	Telcordia Issue 1	Level I		1.00	0.079603	.5386	12562298.27
1314111711	Integrated Circuit	Q53	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
1315422610	Semiconductor	Q60	Telcordia Issue 1	Level I		1.00	0.079603	.5386	12562298.27
1540782282	Resistor	RN1,RN23,RN24,RN25, RN26,RN27	Telcordia Issue 1	Level I		6.00	0.012492	.5071	80051386.00
1540710382	Resistor	RN16,RN17,RN20, RN57	Telcordia Issue 1	Level I		4.00	0.006246	.1690	160102772.00
1540756081	Resistor	RN18,RN19,RN49, RN50,RN51,RN52, RN53,RN54,RN55, RN56	Telcordia Issue 1	Level I		10.00	0.006246	.4226	160102772.00
1540733085	Resistor	RN21,RN22,RN45, RN46,RN47,RN48	Telcordia Issue 1	Level I		6.00	0.006246	.2536	160102772.00
106B501032	Resistor	RT1,RT2	Telcordia Issue 1	Level I		2.00	0.011379	.1540	87878027.07
106B510030	Resistor	RT3	Telcordia Issue 1	Level I		1.00	0.011379	.0770	87878027.07





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**Date** 12. 20, 2011  
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**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EMB-LN9T-B0.1.RPJ  
**Time** 15:09  
**Failure Rate** 14.779284  
**MTBF** 67,662

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A700009	Resistor	R126,R127,R128, R129,R141,R148, R162,R164,R165, R166,R167,R168, R169,R170,R171, R178,R180,R192, R198,R205,R225, R231,R236,R237, R246,R248,R259, R263,R292,R302, R305,R309,R36,R37, R375,R398,R412, R413,R441,R442,	Telcordia Issue 1	Level I		106.00	0.002268	1.6264	440974090.03
105A500139	Resistor	R172,R175,R188, R239,R311,R332, R383,R391,R395,R43, R465,R469,R473, R479,R492,R531, R533,R559,R582, R583,R586,R59,R663, R71,R73,R808,R83, R849,R855	Telcordia Issue 1	Level I		29.00	0.002268	.4450	440974090.03
1050502224	Resistor	R181,R224,R230, R313,R47,R48,R50, R51,R60,R66,R72, R78	Telcordia Issue 1	Level I		12.00	0.002268	.1841	440974090.03
105A708229	Resistor	R277,R283,R321, R338,R339,R340, R341,R377,R517,R52, R529,R53,R609,R613, R618,R752,R753, R755,R757	Telcordia Issue 1	Level I		19.00	0.002268	.2915	440974090.03
105A502039	Resistor	R506,R54	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A533003	Resistor	R409,R420,R421, R483,R484,R485,R55	Telcordia Issue 1	Level I		7.00	0.002268	.1074	440974090.03
105A704729	Resistor	R179,R189,R207, R208,R210,R275, R310,R343,R345, R378,R379,R380, R399,R402,R403, R404,R406,R407, R424,R425,R426, R430,R532,R56,R632, R636,R637,R695, R696,R70,R730,R733, R735,R736,R748,R77	Telcordia Issue 1	Level I		36.00	0.002268	.5524	440974090.03

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**Temp. (°C)** 25.00



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**Time** 15:09  
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**MTBF** 67,662

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
105A547003	Resistor	R233,R234,R235,R61, R80,R856,R857	Telcordia Issue 1	Level I		7.00	0.002268	.1074	440974090.03
105A710039	Resistor	R381,R392,R434, R435,R468,R578, R585,R62,R759,R79	Telcordia Issue 1	Level I		10.00	0.002268	.1534	440974090.03
105A505123	Resistor	R518,R65	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A502033	Resistor	R472,R678,R74,R769, R780	Telcordia Issue 1	Level I		5.00	0.002268	.0767	440974090.03
1050502204	Resistor	R106,R107,R108, R109,R217,R351, R354,R361,R364, R373	Telcordia Issue 1	Level I		10.00	0.002268	.1534	440974090.03
105A700003	Resistor	R111,R118,R119, R122,R308,R537, R541,R542,R588, R639,R760,R765, R768,R772,R774, R792,R793,R797, R819,R830,R836, R838	Telcordia Issue 1	Level I		22.00	0.002268	.3376	440974090.03
105A524913	Resistor	R117,R120	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A501533	Resistor	R174,R177	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
1059703623	Resistor	R183,R184	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
1059710001	Resistor	R185,R556	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A502133	Resistor	R187	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A501053	Resistor	R199,R201	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A524963	Resistor	R200,R570,R576, R620	Telcordia Issue 1	Level I		4.00	0.002268	.0614	440974090.03
105A533033	Resistor	R215,R226	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A506803	Resistor	R216,R221	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A505109	Resistor	R232,R244,R250, R565,R566	Telcordia Issue 1	Level I		5.00	0.002268	.0767	440974090.03
105A500233	Resistor	R238,R396	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A545303	Resistor	R247	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A532413	Resistor	R256	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A549963	Resistor	R284,R579,R590	Telcordia Issue 1	Level I		3.00	0.002268	.0460	440974090.03
105A515033	Resistor	R362,R474	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A580663	Resistor	R371,R372	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A501413	Resistor	R393	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A505133	Resistor	R427	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A702263	Resistor	R431,R433,R630, R635,R794	Telcordia Issue 1	Level I		5.00	0.002268	.0767	440974090.03
105A549913	Resistor	R470	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
1059702033	Resistor	R471	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03

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**Date** 12. 20, 2011  
**Environment** GF, GU - Ground Fixed, Uncontrolled  
**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EMB-LN9T-B0.1.RPJ  
**Time** 15:09  
**Failure Rate** 14.779284  
**MTBF** 67,662

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A575033	Resistor	R475	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A539223	Resistor	R519	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
1059722001	Resistor	R545	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A700103	Resistor	R561,R573,R619, R623	Telcordia Issue 1	Level I		4.00	0.002268	.0614	440974090.03
105A510053	Resistor	R562	Telcordia Issue 1	Level I		1.00	0.013606	.0921	73495681.67
105A556263	Resistor	R564	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A533213	Resistor	R574	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A597604	Resistor	R575	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
1059775003	Resistor	R580	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A566503	Resistor	R597	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A523713	Resistor	R599	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A522663	Resistor	R622	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A554923	Resistor	R626	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
1059501001	Resistor	R627	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A584523	Resistor	R628	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A513033	Resistor	R631,R777,R778	Telcordia Issue 1	Level I		3.00	0.002268	.0460	440974090.03
105A586603	Resistor	R685	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A580623	Resistor	R687	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A536533	Resistor	R688	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A501223	Resistor	R706	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A503033	Resistor	R767	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A562033	Resistor	R776	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A501333	Resistor	R779	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A512103	Resistor	R781	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A505603	Resistor	R782	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A507533	Resistor	R798,R800,R825, R835	Telcordia Issue 1	Level I		4.00	0.002268	.0614	440974090.03
105A573223	Resistor	R822	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A703363	Resistor	R824,R826,R827	Telcordia Issue 1	Level I		3.00	0.002268	.0460	440974090.03
105A506823	Resistor	R831,R833	Telcordia Issue 1	Level I		2.00	0.002268	.0307	440974090.03
105A528723	Resistor	R834	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A530109	Resistor	R837	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A720033	Resistor	R840	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A588723	Resistor	R843	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
105A502233	Resistor	R845	Telcordia Issue 1	Level I		1.00	0.002268	.0153	440974090.03
1059700001	Resistor	R846,R847,R848	Telcordia Issue 1	Level I		3.00	0.002268	.0460	440974090.03
1654907009	Connection	SATA1,SATA2	Telcordia Issue 1	Level I		2.00	0.001138	.0154	878780270.71

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**Date** 12. 20, 2011  
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**Temp. (°C)** 25.00



**Description** Top-level assembly  
**File Name** EMB-LN9T-B0.1.RPJ  
**Time** 15:09  
**Failure Rate** 14.779284  
**MTBF** 67,662

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
16515A099Q	Connection	SO-DIMM1,SO-DIMM2	Telcordia Issue 1	Level I		2.00	0.001138	.0154	878780270.71
1652522202	Connection	USB RJ1,USB RJ2	Telcordia Issue 1	Level I		2.00	0.012517	.1694	79889115.52
165320520C	Connection	CN15,USB1,USB2	Telcordia Issue 1	Level I		3.00	0.005690	.1155	175756054.14
14S1230400	Integrated Circuit	U1	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S5A00401	Integrated Circuit	U2	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S5812502	Integrated Circuit	U3	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S4048503	Integrated Circuit	U10,U4	Telcordia Issue 1	Level I		2.00	0.059366	.8034	16844654.92
14S2200900	Integrated Circuit	U5	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S4021301	Integrated Circuit	U36,U37,U40,U41, U49,U51,U53,U54,U6	Telcordia Issue 1	Level I		9.00	0.059366	3.6152	16844654.92
14S5A12506	Integrated Circuit	U7	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S3524700	Integrated Circuit	U8	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S3170800	Integrated Circuit	U9	Telcordia Issue 1	Level I	11.90	1.00	0.137119	.9278	7292957.20
1315686110	Semiconductor	U11,U12,U35,U52	Telcordia Issue 1	Level I		4.00	0.079603	2.1545	12562298.27
14S4811100	Integrated Circuit	U16,U17	Telcordia Issue 1	Level I		2.00	0.026183	.3543	38193355.79
14S5A00821	Integrated Circuit	U18,U19,U20	Telcordia Issue 1	Level I		3.00	0.026183	.5315	38193355.79
14S6334610	Integrated Circuit	U21,U22	Telcordia Issue 1	Level I		2.00	0.022943	.3105	43586356.53
14S5A00704	Integrated Circuit	U24	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S3050100	Integrated Circuit	U26	Telcordia Issue 1	Level I	18.50	1.00	0.212299	1.4365	4710340.99
14S4362706	Integrated Circuit	U27	Telcordia Issue 1	Level I	14.10	1.00	0.057773	.3909	17309030.07
14S4180010	Integrated Circuit	U28	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S4280121	Integrated Circuit	U29	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S5A00703	Integrated Circuit	U32	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S4195710	Integrated Circuit	U33	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S4121602	Integrated Circuit	U38	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S3128421	Integrated Circuit	U39	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S4081102	Integrated Circuit	U43	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S2538000	Integrated Circuit	U45	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S5912300	Integrated Circuit	U48	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S4703600	Integrated Circuit	U55	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S3112500	Integrated Circuit	U59	Telcordia Issue 1	Level I		1.00	0.026183	.1772	38193355.79
14S3111600	Integrated Circuit	U60	Telcordia Issue 1	Level I		1.00	0.032000	.2165	31250122.20
14S3112400	Integrated Circuit	U63	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
14S3111701	Integrated Circuit	U64	Telcordia Issue 1	Level I		1.00	0.059366	.4017	16844654.92
123132505D	Miscellaneous	Y2,Y3	Telcordia Issue 1	Level I		2.00	0.150000	2.0299	6666666.67
123131435J	Miscellaneous	Y4	Telcordia Issue 1	Level I		1.00	0.150000	1.0149	6666666.67

