

TKS-G20-LN05B

Reliability Prediction Report

(MTBF)

Summary	Failure Rate: 15.725785 ppm MTBF: 63,590 Hours
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Issue date	Approval	Test Engineer
2012/02/24	Chihorng Liao	Jessica Chou

Reliability Prediction (MTBF)

I . Model Name: TF-TKS-G20-LN05B-001-DX

II . Prediction Date: Feb. 24, 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: 25.1 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:

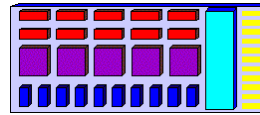
TF-TKS-G20-LN05B-001-DX:

- Failure Rate: 15.725785ppm

- MTBF: 63,590 Hours

AAEON Reliability Prediction Report

Part Number System
Reference Des
Date 02. 24, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description Top-level assembly
File Name TF-TKS-G20-LN05B-001-DX.RPJ
Time 10:30
Failure Rate 15.725785
MTBF 63,590

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
TF-TKS-G20-LN05B-001--DX	System	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	15.73	63589.83
ASS'Y I/O Board PER-T091-A11	9697T09102-DIP	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled		1.00	.35	2883178.76
ASS'Y GENE-LN05-B10	9697LN05B07-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled		1.00	15.38	65023.96

AAEON Reliability Prediction Report

Part Number 9697LN05B07-D
Reference Des
Date 02. 24, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name TF-TKS-G20-LN05B-001-DX.RPJ
Time 10:30
Failure Rate 15.378946
MTBF 65,024

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
11E9501091	Capacitor	C123,C134,C137, C150,C178,C182, C183,C184,C185, C218,C239,C264,C30, C300,C305,C315, C317,C318,C319, C320,C321,C323, C324,C325,C326, C328,C332,C333, C335,C336,C338, C343,C345,C346, C347,C353,C354, C364,C365,C368,	Telcordia Issue 1	Level I		56.00	0.004544	1.6547	220055560.52
1124410080	Capacitor	C51	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
11C2510480	Capacitor	C231,C47,C58	Telcordia Issue 1	Level I		3.00	0.004544	.0886	220055560.52
1124410191	Capacitor	C211,C213,C442, C443,C444,C445, C454,C60	Telcordia Issue 1	Level I		8.00	0.004544	.2364	220055560.52
11C2539290	Capacitor	C63	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
1124427091	Capacitor	C121,C205,C419, C424,C426,C456, C487,C488,C489,C73, C75,C77	Telcordia Issue 1	Level I		12.00	0.004544	.3546	220055560.52
1129710391	Capacitor	C207,C221,C225, C265,C299,C430,C76	Telcordia Issue 1	Level I		7.00	0.004544	.2068	220055560.52
1129622690	Capacitor	C102,C106,C120, C191,C217,C236, C247,C342,C390,C79, C86,C92,C98	Telcordia Issue 1	Level I		13.00	0.004544	.3841	220055560.52
1124533282	Capacitor	C88	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
11E9622050	Capacitor	C110,C169,C232, C240,C241,C306, C356,C363,C402, C433,C447,C452	Telcordia Issue 1	Level I		12.00	0.004544	.3546	220055560.52
1124547190	Capacitor	C192,C266,C434, C435,C436,C450, C463,C464	Telcordia Issue 1	Level I		8.00	0.004544	.2364	220055560.52
1129522790	Capacitor	C208,C457,C458	Telcordia Issue 1	Level I		3.00	0.004544	.0886	220055560.52
1122522890	Capacitor	C259	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
11C4522190	Capacitor	C267,C277	Telcordia Issue 1	Level I		2.00	0.004544	.0591	220055560.52
1124522290	Capacitor	C294,C308,C316	Telcordia Issue 1	Level I		3.00	0.004544	.0886	220055560.52
11C4582190	Capacitor	C301	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
11C9501050	Capacitor	C341	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52

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Failure Rate 15.378946
MTBF 65,024

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
11E9510050	Capacitor	C104,C124,C130, C152,C181,C188, C215,C226,C229, C261,C275,C279, C280,C295,C298, C310,C32,C327,C329, C330,C344,C348, C349,C378,C379, C380,C381,C397, C398,C405,C408, C417,C418,C425, C438,C446,C448, C455,C70,C71	Telcordia Issue 1	Level I		40.00	0.004544	1.1820	220055560.52
11E4433090	Capacitor	C474,C482	Telcordia Issue 1	Level I		2.00	0.004544	.0591	220055560.52
16515A099Q	Connection	DIMM1	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
1301005444	Semiconductor	D1,D11,D12	Telcordia Issue 1	Level I		3.00	0.023950	.4672	41754194.40
1304300140	Semiconductor	D16	Telcordia Issue 1	Level I		1.00	0.004921	.0320	203197151.95
1305080040	Semiconductor	D10,D15,D24,D26, D27,D28,D29,D30, D31,D32,D34,D35, D36,D37,D38,D40, D41,D42,D43,D44, D45,D46,D47,D48, D49,D50,D51	Telcordia Issue 1	Level I		27.00	0.023950	4.2047	41754194.40
1301005443	Semiconductor	D14	Telcordia Issue 1	Level I		1.00	0.027266	.1773	36675926.75
1304001340	Semiconductor	D17	Telcordia Issue 1	Level I		1.00	0.004921	.0320	203197151.95
1304101340	Semiconductor	D18	Telcordia Issue 1	Level I		1.00	0.004921	.0320	203197151.95
1301005442	Semiconductor	D23,D33	Telcordia Issue 1	Level I		2.00	0.023950	.3115	41754194.40
1301005441	Semiconductor	D25	Telcordia Issue 1	Level I		1.00	0.027266	.1773	36675926.75
1301053040	Semiconductor	D39	Telcordia Issue 1	Level I		1.00	0.023950	.1557	41754194.40
1212306030	Resistor	FB1,FB10,FB11,FB12, FB13,FB14,FB15, FB16,FB18,FB20, FB21,FB25,FB26, FB27,FB28,FB29, FB30,FB31,FB33, FB38,FB39,FB40, FB41,FB42,FB5,FB6, FB7,FB8,FB9	Telcordia Issue 1	Level I		29.00	0.011439	2.1570	87420177.69
12123C0003	Inductor	FB2,FB24	Telcordia Issue 1	Level I		2.00	0.002272	.0295	44011121.05
1212306035	Inductor	FB17,FB19,FB22, FB23,FB34,FB35, FB36,FB37,FB43, FB44,FB45	Telcordia Issue 1	Level I		11.00	0.002272	.1625	44011121.05
1212306031	Inductor	FB32	Telcordia Issue 1	Level I		1.00	0.002272	.0148	44011121.05

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1050510034	Resistor	R137,R21,R316,R320, R351,R393,R394, R406,R461,R541	Telcordia Issue 1	Level I		10.00	0.002272	.1477	440111121.05
105A701059	Resistor	R116,R23,R314,R35, R365	Telcordia Issue 1	Level I		5.00	0.002272	.0739	440111121.05
105A573223	Resistor	R198	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A700139	Resistor	R125,R163,R186, R190,R193,R221, R229,R230,R239, R249,R250,R251, R252,R253,R26,R260, R272,R28,R286,R29, R323,R336,R36,R368, R388,R39,R408,R41, R411,R43,R434,R435, R454,R490,R512, R534,R545,R558, R565,R573,R589,R59, R592,R593,R641,	Telcordia Issue 1	Level I		47.00	0.002272	.6944	440111121.05
105A501039	Resistor	R302,R304,R31,R357, R37,R421,R507,R508, R509,R510,R511, R527,R571,R89,R90	Telcordia Issue 1	Level I		15.00	0.002272	.2216	440111121.05
105A500239	Resistor	R192,R38	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A701069	Resistor	R40,R513	Telcordia Issue 1	Level I		2.00	0.013633	.1773	73351853.51
1050524904	Resistor	R180,R343,R358,R46	Telcordia Issue 1	Level I		4.00	0.002272	.0591	440111121.05
105A545303	Resistor	R51	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A532413	Resistor	R52	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1050702734	Resistor	R54	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1050502204	Resistor	R145,R241,R374, R452,R453,R499,R56, R63	Telcordia Issue 1	Level I		8.00	0.002272	.1182	440111121.05
1050505124	Resistor	R57,R578	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A500139	Resistor	R141,R147,R148, R160,R184,R189, R203,R227,R273, R277,R284,R289, R427,R538,R61	Telcordia Issue 1	Level I		15.00	0.002272	.2216	440111121.05
105A702229	Resistor	R100,R149,R153, R344,R364,R383, R384,R62,R83	Telcordia Issue 1	Level I		9.00	0.002272	.1330	440111121.05
105A502003	Resistor	R64	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A580623	Resistor	R70	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A515033	Resistor	R75	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05

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MTBF 65,024

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A536533	Resistor	R81	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A768009	Resistor	R106,R118,R124, R129,R138,R86,R98	Telcordia Issue 1	Level I		7.00	0.002272	.1034	440111121.05
105A502039	Resistor	R209,R234,R576, R598,R599,R93	Telcordia Issue 1	Level I		6.00	0.002272	.0886	440111121.05
105A575033	Resistor	R95	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A549919	Resistor	R291,R312,R577, R594,R595,R596,R99	Telcordia Issue 1	Level I		7.00	0.002272	.1034	440111121.05
105A505109	Resistor	R119,R130,R139, R155,R182,R183, R185,R530,R532, R537,R543,R547, R554	Telcordia Issue 1	Level I		13.00	0.002272	.1921	440111121.05
105A706829	Resistor	R126,R127	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
1050586604	Resistor	R132	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1050501004	Resistor	R133,R181,R376, R382,R387,R424, R425,R518,R519, R520,R557,R623, R624	Telcordia Issue 1	Level I		13.00	0.002272	.1921	440111121.05
105A515009	Resistor	R134,R135,R136, R632,R633,R634	Telcordia Issue 1	Level I		6.00	0.002272	.0886	440111121.05
105A568163	Resistor	R146	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A513033	Resistor	R151	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A580663	Resistor	R156,R158	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A708229	Resistor	R164,R178,R278, R346,R353,R396, R410,R456,R457, R458,R459,R480, R548	Telcordia Issue 1	Level I		13.00	0.002272	.1921	440111121.05
105A522669	Resistor	R179	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1050547004	Resistor	R197,R210,R404, R645,R646	Telcordia Issue 1	Level I		5.00	0.002272	.0739	440111121.05
105A531613	Resistor	R202	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1050507530	Resistor	R217,R222	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A703363	Resistor	R226	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A528723	Resistor	R235	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A702263	Resistor	R240,R460,R474	Telcordia Issue 1	Level I		3.00	0.002272	.0443	440111121.05
105A540213	Resistor	R263	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A505163	Resistor	R276	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1059700001	Resistor	R288,R330	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A747039	Resistor	R327	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A701009	Resistor	R335,R361,R491, R493	Telcordia Issue 1	Level I		4.00	0.002272	.0591	440111121.05

AAEON Reliability Prediction Report

Part Number 9697LN05B07-D
Reference Des
Date 02. 24, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name TF-TKS-G20-LN05B-001-DX.RPJ
Time 10:30
Failure Rate 15.378946
MTBF 65,024

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate,%	MTBF, Unit
105A700003	Resistor	R347,R354,R403, R462,R463,R464, R552,R556	Telcordia Issue 1	Level I		8.00	0.002272	.1182	440111121.05
1050533034	Resistor	R348,R373	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A560423	Resistor	R350	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A501233	Resistor	R385	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A704709	Resistor	R390,R400	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A705629	Resistor	R418	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A554923	Resistor	R465	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A584523	Resistor	R468	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A566503	Resistor	R470	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1059702261	Resistor	R472,R473	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
105A523713	Resistor	R482	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A501539	Resistor	R496	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A549969	Resistor	R517	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A597604	Resistor	R521	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1050533214	Resistor	R525	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A575003	Resistor	R528	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A701003	Resistor	R531	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A501413	Resistor	R533	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A503039	Resistor	R536	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A507509	Resistor	R568,R572,R574, R629,R630,R631	Telcordia Issue 1	Level I		6.00	0.002272	.0886	440111121.05
105A534823	Resistor	R569	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A568123	Resistor	R570	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
105A722009	Resistor	R579,R580,R581, R582,R583,R584	Telcordia Issue 1	Level I		6.00	0.002272	.0886	440111121.05
105A700239	Resistor	R600,R601	Telcordia Issue 1	Level I		2.00	0.002272	.0295	440111121.05
1189633193	Capacitor	TC1,TC11,TC2,TC7, TC8	Telcordia Issue 1	Level I		5.00	0.004544	.1477	220055560.52
1189633160	Capacitor	TC20,TC21,TC22, TC23,TC3	Telcordia Issue 1	Level I		5.00	0.004544	.1477	220055560.52
1189615151	Capacitor	TC12,TC13,TC18, TC24,TC25,TC26	Telcordia Issue 1	Level I		6.00	0.004544	.1773	220055560.52
1189627150	Capacitor	TC14,TC15,TC16, TC17,TC19,TC5,TC9	Telcordia Issue 1	Level I		7.00	0.004544	.2068	220055560.52
1182622080	Capacitor	TC6	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
14S9811500	Integrated Circuit	U1	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
1315667910	Semiconductor	U2	Telcordia Issue 1	Level I		1.00	0.159665	1.0382	6263129.16
1315482110	Semiconductor	U4,U54,U60,U8	Telcordia Issue 1	Level I		4.00	0.079832	2.0764	12526258.32
14S5A00821	Integrated Circuit	U14,U5	Telcordia Issue 1	Level I		2.00	0.026337	.3425	37969565.62

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Time 10:30
Failure Rate 15.378946
MTBF 65,024

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
14S2321900	Semiconductor	U6	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
1315970211	Semiconductor	U18,U21,U65	Telcordia Issue 1	Level I		3.00	0.159665	3.1146	6263129.16
14S4021301	Integrated Circuit	U10,U15,U19,U26, U31,U66	Telcordia Issue 1	Level I		6.00	0.059802	2.3331	16721916.86
1315422410	Semiconductor	U12,U58,U59	Telcordia Issue 1	Level I		3.00	0.079832	1.5573	12526258.32
14S2362400	Integrated Circuit	U13	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S2538000	Integrated Circuit	U16	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S3050100	Integrated Circuit	U17	Telcordia Issue 1	Level I	54.50	1.00	1.736292	11.2901	575939.91
14S4180010	Integrated Circuit	U20	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4121601	Integrated Circuit	U22	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S5A12506	Integrated Circuit	U23	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S2591200	Integrated Circuit	U24	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S5A00601	Integrated Circuit	U25	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4362707	Integrated Circuit	U27	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4048503	Integrated Circuit	U28,U32	Telcordia Issue 1	Level I		2.00	0.059802	.7777	16721916.86
14S5A12503	Integrated Circuit	U29	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S3112400	Integrated Circuit	U30	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S3111600	Integrated Circuit	U33	Telcordia Issue 1	Level I		1.00	0.032235	.2096	31022419.16
14S4256701	Integrated Circuit	U34	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4258300	Integrated Circuit	U35	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S2200900	Integrated Circuit	U37	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
1315446310	Semiconductor	U43,U45,U47,U48	Telcordia Issue 1	Level I		4.00	0.079832	2.0764	12526258.32
14S5912300	Integrated Circuit	U44	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4081110	Integrated Circuit	U46	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S9103200	Integrated Circuit	U50	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S4963500	Integrated Circuit	U51	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S4911216	Integrated Circuit	U52	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
1315482410	Semiconductor	U53,U63	Telcordia Issue 1	Level I		2.00	0.079832	1.0382	12526258.32
14S4010200	Integrated Circuit	U55	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4195710	Integrated Circuit	U56	Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S6308002	Integrated Circuit	U61	Telcordia Issue 1	Level I		1.00	0.036146	.2350	27665759.41
14S3156500	Semiconductor	U62	Telcordia Issue 1	Level I		1.00	0.047899	.3115	20877097.20
14S4010300	Integrated Circuit	U64	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
14S4751100	Integrated Circuit	U69	Telcordia Issue 1	Level I		1.00	0.026337	.1713	37969565.62
1231332721	Miscellaneous	Y1	Telcordia Issue 1	Level I		1.00	0.150000	.9754	6666666.67
123131435J	Miscellaneous	Y2	Telcordia Issue 1	Level I		1.00	0.150000	.9754	6666666.67
123132505D	Miscellaneous	Y3,Y4	Telcordia Issue 1	Level I		2.00	0.150000	1.9507	6666666.67

AAEON Reliability Prediction Report

Part Number 9697LN05B07-D
Reference Des
Date 02. 24, 2012
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.10



Description
File Name TF-TKS-G20-LN05B-001-DX.RPJ
Time 10:30
Failure Rate 15.378946
MTBF 65,024

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
14S3066200	Integrated Circuit	U36	Telcordia Issue 1	Level I	36.40	1.00	0.640686	4.1660	1560826.15
11C4547290	Capacitor	C490,C491	Telcordia Issue 1	Level I		2.00	0.004544	.0591	220055560.52
105A569823	Resistor	R25	Telcordia Issue 1	Level I		1.00	0.002272	.0148	440111121.05
1654226303	Connection	PCIE1A	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
14S6201602	Integrated Circuit		Telcordia Issue 1	Level I		1.00	0.059802	.3889	16721916.86
14S4280126	Integrated Circuit	U9	Telcordia Issue 1	Level I	41.80	1.00	0.226918	1.4755	4406885.89
1655902030	Connection	BAT1A	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
175011901M	Miscellaneous	BAT1B	Telcordia Issue 1	Level I		1.00	0.900000	5.8522	1111111.11
1653900039	Connection	CFD1B	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
1655306020	Connection	CN3	Telcordia Issue 1	Level I		1.00	0.003432	.0223	291400592.32
1655003022	Connection	CN4	Telcordia Issue 1	Level I		1.00	0.001716	.0112	582801184.63
1654907004	Connection	CN5	Telcordia Issue 1	Level I		1.00	0.004004	.0260	249771936.27
1652602105	Connection	CN9	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
1655302020	Connection	CN11	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
1653005201	Connection	CN12	Telcordia Issue 1	Level I		1.00	0.005720	.0372	174840355.39
1655909031	Connection	CN13,CN15,CN18, CN21,CN22	Telcordia Issue 1	Level I		5.00	0.005148	.1674	194267061.54
1655905032	Connection	CN16,CN17,CN19, CN20	Telcordia Issue 1	Level I		4.00	0.022878	.5950	43710088.85
1655910131	Connection	CN23	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
165251420B	Connection	CN24,CN25	Telcordia Issue 1	Level I		2.00	0.001144	.0149	874201776.95
1654808309	Connection	CN30	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
1654409103	Connection	CN32	Telcordia Issue 1	Level I		1.00	0.128689	.8368	7770682.46
1654415308	Connection	CN33	Telcordia Issue 1	Level I		1.00	0.008579	.0558	116560236.93
1181627191	Capacitor	EC1	Telcordia Issue 1	Level I		1.00	0.004544	.0295	220055560.52
1653003101	Connection	JP2,JP4	Telcordia Issue 1	Level I		2.00	0.001716	.0223	582801184.63
1653003201	Connection	JP3	Telcordia Issue 1	Level I		1.00	0.001144	.0074	874201776.95
175910000B	Miscellaneous	SP1	Telcordia Issue 1	Level I		1.00	0.150000	.9754	6666666.67