

Report NO. : 10E070013

PFM-LNP

Reliability Prediction Report

(MTBF)

Summary	Failure Rate: 11.985721 ppm MTBF: 83,433 Hours
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Issue date

Approval

Test Engineer

2010/05/18

Jansin Lee

Jessica Chou

Reliability Prediction (MTBF)

I . Model Name: PFM-LNP (9697LUNA13-D)

II . Prediction Date: May 18, 2010

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

IV . Predicted by: Jessica Chou

V . Equipment: Relx Ver.7.3 Visual Reliability Software

VI. Simulation Environment:

- Temperature: 25.6 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:

PFM-LNP

- Failure Rate: 11.985721 ppm

- MTBF: 83,433 Hours

AAEON Reliability Prediction Report

Part Number 9697LUNA13-D
Reference Des
Date 05. 18, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.60



Description Top-level assembly
File Name PFM-LNP.RPJ
Time 12:00 下午
Failure Rate 11.985721
MTBF 83,433

Assembly Name	Part Number	Model	Method	Environment	Duty Cycle	Qty	Failure Rate	MTBF
PFM-LNP	9697LUNA13-D	Telcordia Issue 1	Method I Case 3	GF, GU - Ground Fixed, Uncontrolled	100.00	1.00	11.99	83432.61

AAEON Reliability Prediction Report

Part Number 9697LUNA13-D
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Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.60



Description Top-level assembly
File Name PFM-LNP.RPJ
Time 12:00 下午
Failure Rate 11.985721
MTBF 83,433

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1315422610	Semiconductor	Q11,Q12,Q15,Q17, Q18,Q36	Telcordia Issue 1	Level I		6.00	0.080985	4.0541	12347960.65
1654226300	Connection	CN10A	Telcordia Issue 1	Level I		1.00	0.030527	.2547	32758054.92
1653925210	Connection	CFD1	Telcordia Issue 1	Level I		1.00	0.029353	.2449	34068377.12
1214309006	Inductor	CH1,CH2,CH3,CH4	Telcordia Issue 1	Level I		4.00	0.002294	.0766	435830135.66
1654030003	Connection	CN1	Telcordia Issue 1	Level I		1.00	0.017612	.1469	56780628.53
165300320D	Connection	CN2	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
1654926900	Connection	CN10B	Telcordia Issue 1	Level I		1.00	0.030527	.2547	32758054.92
1124433690	Capacitor	C438,C439	Telcordia Issue 1	Level I		2.00	0.004589	.0766	217915067.83
1059722001	Resistor	R480	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1654907104	Connection	SATA1	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
1124433090	Capacitor	C1,C2,C373,C4,C5, C79	Telcordia Issue 1	Level I		6.00	0.004589	.2297	217915067.83
1121501690	Capacitor	C10,C100,C101,C102, C104,C105,C106, C107,C109,C118, C119,C12,C120,C121, C122,C126,C127, C129,C13,C132,C135, C136,C137,C14,C140, C141,C146,C147, C149,C15,C150,C151, C153,C155,C156, C157,C158,C16,C165, C166,C167,C168, C169,C17,C171,C	Telcordia Issue 1	Level I		231.00	0.004589	8.8442	217915067.83
1129610080	Capacitor	C11,C111,C112,C113, C116,C117,C123, C124,C133,C148, C170,C182,C188, C194,C204,C207, C209,C218,C229, C233,C247,C296, C297,C298,C307, C312,C314,C315, C316,C319,C320, C377,C384,C385, C387,C399,C400, C401,C402,C406,	Telcordia Issue 1	Level I		51.00	0.004589	1.9526	217915067.83
1124427090	Capacitor	C24,C26,C36,C44	Telcordia Issue 1	Level I		4.00	0.004589	.1531	217915067.83

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Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
1129701790	Capacitor	C108,C266,C278,C29, C291,C292,C300,C31, C32,C328,C33,C337, C398,C405,C48,C68, C76	Telcordia Issue 1	Level I		17.00	0.004589	.6509	217915067.83
1129710090	Capacitor	C159,C160,C161, C162,C163,C164,C34, C43,C431	Telcordia Issue 1	Level I		9.00	0.004589	.3446	217915067.83
11E9501090	Capacitor	C115,C125,C131, C134,C142,C144, C152,C154,C251, C253,C256,C270, C275,C279,C283, C284,C287,C288, C305,C318,C322, C323,C324,C325, C331,C332,C333, C335,C339,C346, C349,C352,C355, C360,C378,C379, C380,C382,C395,	Telcordia Issue 1	Level I		49.00	0.004589	1.8761	217915067.83
1124533280	Capacitor	C49	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
1124547190	Capacitor	C143,C219,C54,C57	Telcordia Issue 1	Level I		4.00	0.004589	.1531	217915067.83
1121610060	Capacitor	C103,C139,C199, C357,C61,C78,C99	Telcordia Issue 1	Level I		7.00	0.004589	.2680	217915067.83
1129622050	Capacitor	C215,C220,C225, C273,C80	Telcordia Issue 1	Level I		5.00	0.004589	.1914	217915067.83
1129622690	Capacitor	C114,C192,C198, C330,C358,C424,C87, C94	Telcordia Issue 1	Level I		8.00	0.004589	.3063	217915067.83
1121647780	Capacitor	C200,C88	Telcordia Issue 1	Level I		2.00	0.004589	.0766	217915067.83
1129710390	Capacitor	C110,C130,C201, C308,C326,C90	Telcordia Issue 1	Level I		6.00	0.004589	.2297	217915067.83
11E2501080	Capacitor	C403,C97	Telcordia Issue 1	Level I		2.00	0.004589	.0766	217915067.83
1189610152	Capacitor	C128,C138,C203, C259,C289,C341	Telcordia Issue 1	Level I		6.00	0.004589	.2297	217915067.83
1181647080	Capacitor	C145	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
11E9647680	Capacitor	C189,C238	Telcordia Issue 1	Level I		2.00	0.004589	.0766	217915067.83
1124522280	Capacitor	C216,C327	Telcordia Issue 1	Level I		2.00	0.004589	.0766	217915067.83
1124522881	Capacitor	C223,C224,C293	Telcordia Issue 1	Level I		3.00	0.004589	.1149	217915067.83
1124522680	Capacitor	C274,C294,C295, C329	Telcordia Issue 1	Level I		4.00	0.004589	.1531	217915067.83
11C4512290	Capacitor	C277	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
11A4418180	Capacitor	C290	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
11E1522680	Capacitor	C309,C363,C381	Telcordia Issue 1	Level I		3.00	0.004589	.1149	217915067.83
1124527180	Capacitor	C313	Telcordia Issue 1	Level I		1.00	0.005487	.0458	182247502.99

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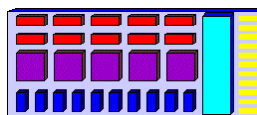


Description Top-level assembly
File Name PFM-LNP.RPJ
Time 12:00 下午
Failure Rate 11.985721
MTBF 83,433

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1189622151	Capacitor	C317,C353,C412	Telcordia Issue 1	Level I		3.00	0.044029	1.1020	22712251.41
1189633160	Capacitor	C321,C338,C362, C383	Telcordia Issue 1	Level I		4.00	0.004589	.1531	217915067.83
11C1647780	Capacitor	C342	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
1189622160	Capacitor	C404	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
1301400642	Semiconductor	D1,D10,D15,D16,D3, D7,D9	Telcordia Issue 1	Level I		7.00	0.024296	1.4189	41159868.85
1301400541	Semiconductor	D2,D23,D24,D25,D4, D8	Telcordia Issue 1	Level I		6.00	0.024296	1.2162	41159868.85
1300001440	Semiconductor	D27,D5,D6	Telcordia Issue 1	Level I		3.00	0.024296	.6081	41159868.85
1305099140	Semiconductor	D11,D12	Telcordia Issue 1	Level I		2.00	0.080985	1.3514	12347960.65
1305100541	Semiconductor	D13,D14,D17,D18, D19,D20,D21,D22	Telcordia Issue 1	Level I		8.00	0.024296	1.6216	41159868.85
1752001601	Miscellaneous	FS1,FS2	Telcordia Issue 1	Level I		2.00	0.003000	.0501	333333333.33
1752000501	Miscellaneous	FS3	Telcordia Issue 1	Level I		1.00	0.003000	.0250	333333333.33
1129610260	Capacitor	HC1	Telcordia Issue 1	Level I		1.00	0.004589	.0383	217915067.83
165320520C	Connection	LAN1	Telcordia Issue 1	Level I		1.00	0.005871	.0490	170341885.59
1304001340	Semiconductor	LED1	Telcordia Issue 1	Level I		1.00	0.005151	.0430	194136508.00
1304101340	Semiconductor	LED2	Telcordia Issue 1	Level I		1.00	0.005151	.0430	194136508.00
1211100102	Inductor	L1,L18,L2,L20,L26, L3	Telcordia Issue 1	Level I		6.00	0.087190	4.3647	11469214.10
121110336L	Inductor	L11,L12,L5,L9	Telcordia Issue 1	Level I		4.00	0.087190	2.9098	11469214.10
121110336L	Inductor	L4	Telcordia Issue 1	Level I	12.60	1.00	0.110392	.9210	9058591.08
12123D0000	Inductor	L24,L31,L6	Telcordia Issue 1	Level I		3.00	0.002294	.0574	435830135.66
12123C0010	Inductor	L10,L17,L21,L23, L25,L27,L28,L29,L8	Telcordia Issue 1	Level I		9.00	0.002294	.1723	435830135.66
12123D0001	Inductor	L13,L14,L15	Telcordia Issue 1	Level I		3.00	0.002294	.0574	435830135.66
12123C0003	Inductor	L19,L22	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
1315700216	Semiconductor	Q1,Q19,Q2,Q22,Q23, Q24,Q25,Q3,Q30,Q33, Q35,Q4,Q40,Q41,Q42, Q44,Q5,Q6	Telcordia Issue 1	Level I		18.00	0.080985	12.1622	12347960.65
1310390413	Semiconductor	Q21,Q26,Q28,Q29, Q31,Q39,Q7	Telcordia Issue 1	Level I		7.00	0.024296	1.4189	41159868.85
1311390612	Semiconductor	Q27,Q8	Telcordia Issue 1	Level I		2.00	0.024296	.4054	41159868.85
1311138610	Semiconductor	Q10	Telcordia Issue 1	Level I		1.00	0.024296	.2027	41159868.85
1315050311	Integrated Circuit	Q13	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
1315R30310	Integrated Circuit	Q14	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
1315230511	Semiconductor	Q16,Q20	Telcordia Issue 1	Level I		2.00	0.080985	1.3514	12347960.65
1315443510	Semiconductor	Q32	Telcordia Issue 1	Level I		1.00	0.080985	.6757	12347960.65
1315441012	Semiconductor	Q34,Q37	Telcordia Issue 1	Level I		2.00	0.080985	1.3514	12347960.65
1540710382	Resistor	RN1,RN2,RN3	Telcordia Issue 1	Level I		3.00	0.006419	.1607	155778892.99

AAEON Reliability Prediction Report

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Temp. (°C) 25.60

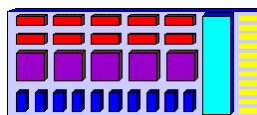


Description Top-level assembly
File Name PFM-LNP.RPJ
Time 12:00 下午
Failure Rate 11.985721
MTBF 83,433

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
105A733009	Resistor	R200,R337,R37,R452, R455,R458,R459	Telcordia Issue 1	Level I		7.00	0.002294	.1340	435830135.66
105A704729	Resistor	R210,R226,R228, R249,R306,R311, R351,R356,R38,R419, R420,R424,R456,R46, R474,R48,R92	Telcordia Issue 1	Level I		17.00	0.002294	.3254	435830135.66
105A507509	Resistor	R233,R242,R255, R263,R41,R42,R43	Telcordia Issue 1	Level I		7.00	0.002294	.1340	435830135.66
1050547004	Resistor	R383,R391,R412,R44, R50	Telcordia Issue 1	Level I		5.00	0.002294	.0957	435830135.66
105A700103	Resistor	R141,R232,R262, R371,R45	Telcordia Issue 1	Level I		5.00	0.002294	.0957	435830135.66
105A500139	Resistor	R171,R205,R222, R236,R253,R314, R315,R325,R332, R336,R341,R363, R368,R384,R403, R408,R445,R448, R451,R454,R61,R75, R84	Telcordia Issue 1	Level I		23.00	0.002294	.4403	435830135.66
105A505123	Resistor	R51,R52	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A708229	Resistor	R220,R221,R224, R225,R234,R238, R287,R292,R297, R358,R366,R53,R62, R87	Telcordia Issue 1	Level I		14.00	0.002294	.2680	435830135.66
105A700009	Resistor	L32,R111,R116,R117, R126,R148,R150, R176,R179,R187, R191,R196,R198, R204,R212,R227, R231,R235,R251, R270,R271,R300, R317,R352,R361, R393,R395,R396, R397,R400,R401, R402,R404,R416, R453,R457,R466, R470,R476,R477, R70	Telcordia Issue 1	Level I		46.00	0.002294	.8806	435830135.66
105A522663	Resistor	R70	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1050502204	Resistor	R104,R107,R243, R244,R245,R246, R247,R370	Telcordia Issue 1	Level I		8.00	0.002294	.1531	435830135.66
105A510053	Resistor	R105	Telcordia Issue 1	Level I		1.00	0.013767	.1149	72638355.94
105A501053	Resistor	R108,R120,R122, R291	Telcordia Issue 1	Level I		4.00	0.002294	.0766	435830135.66

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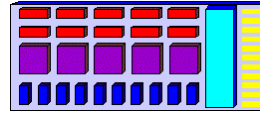


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105A524963	Resistor	R109,R121,R256, R277	Telcordia Issue 1	Level I		4.00	0.002294	.0766	435830135.66
105A700003	Resistor	R127,R156,R177, R195,R355,R382, R418,R441	Telcordia Issue 1	Level I		8.00	0.002294	.1531	435830135.66
105A515009	Resistor	R134,R136,R139, R207,R208,R209	Telcordia Issue 1	Level I		6.00	0.002294	.1149	435830135.66
105A710039	Resistor	R135,R304,R305, R309,R323,R359, R414,R437,R446, R447	Telcordia Issue 1	Level I		10.00	0.002294	.1914	435830135.66
105A507523	Resistor	R142,R155	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A580663	Resistor	R149,R154	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A540213	Resistor	R151,R390	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A510009	Resistor	R153,R188,R248, R327	Telcordia Issue 1	Level I		4.00	0.002294	.0766	435830135.66
1059705633	Resistor	R158	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A507533	Resistor	R159,R431	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A506803	Resistor	R161,R375	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A517423	Resistor	R163,R430	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A711033	Resistor	R165,R423	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A505109	Resistor	R166,R170,R378, R379,R405	Telcordia Issue 1	Level I		5.00	0.002294	.0957	435830135.66
105A500239	Resistor	R172,R407,R433, R435	Telcordia Issue 1	Level I		4.00	0.002294	.0766	435830135.66
105A702263	Resistor	R173,R364,R388, R434	Telcordia Issue 1	Level I		4.00	0.002294	.0766	435830135.66
105A504763	Resistor	R178,R432	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A501553	Resistor	R186	Telcordia Issue 1	Level I		1.00	0.013767	.1149	72638355.94
105A501233	Resistor	R192	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A501533	Resistor	R193	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A523713	Resistor	R194,R369	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A502033	Resistor	R202,R216	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A533033	Resistor	R266,R273	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A532413	Resistor	R275	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A545303	Resistor	R278	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A556263	Resistor	R283,R392	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
105A516519	Resistor	R324	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A501413	Resistor	R328	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A526123	Resistor	R338	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A510003	Resistor	R348	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1059701133	Resistor	R350	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A566503	Resistor	R354	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1050537434	Resistor	R362	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66

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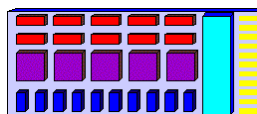


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Time 12:00 下午
Failure Rate 11.985721
MTBF 83,433

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105A506823	Resistor	R372	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A514733	Resistor	R381	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A549963	Resistor	R385,R387,R411	Telcordia Issue 1	Level I		3.00	0.002294	.0574	435830135.66
1059775003	Resistor	R386	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A526113	Resistor	R409	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A509133	Resistor	R422	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A502133	Resistor	R427	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A514023	Resistor	R428	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A578713	Resistor	R440	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1600000203	Connection	SW1	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
14S3003700	Inductor	TF1	Telcordia Issue 1	Level I	13.00	1.00	0.175560	1.4647	5696074.08
14S3524700	Integrated Circuit	U1	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
14S2200900	Integrated Circuit	U2	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
14S5A00401	Integrated Circuit	U3,U33	Telcordia Issue 1	Level I		2.00	0.027121	.4525	36872311.98
14S4256701	Integrated Circuit	U5	Telcordia Issue 1	Level I	17.00	1.00	0.069549	.5803	14378426.52
14S4280121	Integrated Circuit	U6	Telcordia Issue 1	Level I	14.20	1.00	0.059977	.5004	16673094.56
14S3050100	Integrated Circuit	U7	Telcordia Issue 1	Level I	16.60	1.00	0.195066	1.6275	5126471.01
14S6863100	Integrated Circuit	U11,U17, U31,U34,U37,U8	Telcordia Issue 1	Level I		6.00	0.033433	1.6736	29910752.49
14S6863100	Integrated Circuit	U29	Telcordia Issue 1	Level I	12.70	1.00	0.081218	.6776	12312581.88
14S6863100	Integrated Circuit	U14	Telcordia Issue 1	Level I	9.10	1.00	0.063623	.5308	15717625.88
14S2041500	Integrated Circuit	U9	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
14S5A00821	Integrated Circuit	U10,U42	Telcordia Issue 1	Level I		2.00	0.027121	.4525	36872311.98
14S4166010	Integrated Circuit	U12	Telcordia Issue 1	Level I	16.60	1.00	0.068104	.5682	14683438.63
14S2048800	Integrated Circuit	U16	Telcordia Issue 1	Level I		1.00	0.033433	.2789	29910752.49
14S4021301	Integrated Circuit	U19,U20,U21	Telcordia Issue 1	Level I		3.00	0.062024	1.5525	16122698.68
14S4021301	Integrated Circuit	U18	Telcordia Issue 1	Level I	10.80	1.00	0.132551	1.1059	7544255.57
14S4048503	Integrated Circuit	U22,U23	Telcordia Issue 1	Level I		2.00	0.062024	1.0350	16122698.68
14S4311401	Integrated Circuit	U24	Telcordia Issue 1	Level I	15.60	1.00	0.182681	1.5242	5474030.45
14S5A00703	Integrated Circuit	U25	Telcordia Issue 1	Level I		1.00	0.027121	.2263	36872311.98
14S4195710	Integrated Circuit	U26	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
1315686110	Semiconductor	U28,U30	Telcordia Issue 1	Level I		2.00	0.080985	1.3514	12347960.65
14S3626201	Integrated Circuit	U32	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
14S5A00704	Integrated Circuit	U35	Telcordia Issue 1	Level I		1.00	0.027121	.2263	36872311.98
14S3273800	Integrated Circuit	U36	Telcordia Issue 1	Level I		1.00	0.062024	.5175	16122698.68
14S5912300	Integrated Circuit	U38	Telcordia Issue 1	Level I		1.00	0.027121	.2263	36872311.98
14S4081102	Integrated Circuit	U39	Telcordia Issue 1	Level I		1.00	0.027121	.2263	36872311.98

AAEON Reliability Prediction Report

Part Number 9697LUNA13-D
Reference Des
Date 05. 18, 2010
Environment GF, GU - Ground Fixed, Uncontrolled
Temp. (°C) 25.60



Description Top-level assembly
File Name PFM-LNP.RPJ
Time 12:00 下午
Failure Rate 11.985721
MTBF 83,433

Part Number	Category	Location	Calculation Model	Quality	Tem. Rise	Quantity	Failure Rate, Unit	Failure Rate, %	MTBF, Unit
123132505A	Miscellaneous	Y1	Telcordia Issue 1	Level I		1.00	0.150000	1.2515	6666666.67
123131435E	Miscellaneous	Y2	Telcordia Issue 1	Level I		1.00	0.150000	1.2515	6666666.67
1231332722	Miscellaneous	Y3	Telcordia Issue 1	Level I		1.00	0.150000	1.2515	6666666.67
105A549913	Resistor	R90	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1189615161	Capacitor	C418	Telcordia Issue 1	Level I		1.00	0.044029	.3673	22712251.41
1315035110	Semiconductor	Q38	Telcordia Issue 1	Level I		1.00	0.000000	.0000	.00
1059710001	Resistor	R481,R482	Telcordia Issue 1	Level I		2.00	0.002294	.0383	435830135.66
1211106872	Inductor	L7	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A518713	Resistor	R374	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
105A556213	Resistor	R349	Telcordia Issue 1	Level I		1.00	0.002294	.0191	435830135.66
1655905124	Connection	USB1,USB2,USB3, USB4	Telcordia Issue 1	Level I		4.00	0.001174	.0392	851709427.94
14S6340229	Integrated Circuit	U40	Telcordia Issue 1	Level I		1.00	0.027553	.2299	36293312.02
14S6340222	Integrated Circuit		Telcordia Issue 1	Level I		1.00	0.023970	.2000	41718259.98
14S5812501	Integrated Circuit	U4	Telcordia Issue 1	Level I		1.00	0.026097	.2177	38317878.08
14S6201601	Integrated Circuit	BIOS1	Telcordia Issue 1	Level I		1.00	0.176543	1.4729	5664358.17
1655902030	Connection	BT1	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
175011901C	Miscellaneous	BATTERY1	Telcordia Issue 1	Level I		1.00	0.900000	7.5089	1111111.11
1655304020	Connection	CN3	Telcordia Issue 1	Level I		1.00	0.002348	.0196	425854713.97
1652602105	Connection	CN4	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
165313042A	Connection	CN5	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
1655303020	Connection	CN6	Telcordia Issue 1	Level I		1.00	0.001761	.0147	567806285.29
1655906032	Connection	CN7	Telcordia Issue 1	Level I		1.00	0.003522	.0294	283903142.65
1655910131	Connection	CN8	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
1655908130	Connection	CN9	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
1655909031	Connection	COM1,COM2,COM3, COM4	Telcordia Issue 1	Level I		4.00	0.005283	.1763	189268761.76
1653003101	Connection	JP1,JP3,JP4	Telcordia Issue 1	Level I		3.00	0.001761	.0441	567806285.29
1653003201	Connection	JP2	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94
1655913030	Connection	VGA1	Telcordia Issue 1	Level I		1.00	0.001174	.0098	851709427.94