

Model Name: ELIT-3922

Prediction equipment / method: CARE[®] BQR Ver 2.2 / Bellcore TR-332 Issue 6

Prediction result:

MTBF	25DC	84893.7	hours
	60DC	27519.0	hours
Failure rate	25DC	11779.43	FITs
	60DC	36338.52	FITs
Environmental conditions: <ul style="list-style-type: none">● GB (Ground, Fixed, Controlled)● Temperature : 60 degree C● device quality level: 1● Stress %: 50%			
*Explanatory notes MTBF: Mean time between failures FITs: Failures in 10 ⁹ hours			

Vince

QA Manager

Vince

Check by

Mike Chen

Written by

CARE(R) BQR , Ver.2.2

MTBF Components and Blocks Report

Project: FMB-i90Z2-7300U-PE , Condition: 25DC

File: FMB-i90Z2-7300U-PE_25DC_MC.htm , Date: 07/24/23 , Time: 17:11:18

	MTBF(HRS)	FR (F/10^6HRS)
Predicted	84893.70	11.7794

Level	Blk#	Family	RefDes	PART Number	Fail.Rate	Stress	Env	Temp	Source	Qty
0.....	1	Block	SYSTEM	SCDB-147G	11.7794	-	GB	25.0	B332I6	1
.1.....	1	Connector	BAT1	1*2	0.0006	-	-	25.0	B332I6	1
.1.....	1	Miscellaneous	BAT2	BR2450A	0.4500	-	-	25.0	B332I6	1
.1.....	1	Capacitor	BC1	0.1uf-C	0.0027	V=50.0%	-	25.0	B332I6	223
.1.....	1	Inductive	BP1	BEAD60ohm	0.0159	-	-	25.0	B332I6	4
.1.....	1	Inductive	BZ1	BUZZER	0.0159	-	-	25.0	B332I6	1
.1.....	1	Capacitor	C1	1000pf-C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C11	1000pf-C	0.0027	V=50.0%	-	25.0	B332I6	4
.1.....	1	Capacitor	C114	20pf-C	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C116	22pf-C	0.0027	V=50.0%	-	25.0	B332I6	3
.1.....	1	Capacitor	C118	47uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	16
.1.....	1	Capacitor	C13	6800pf-C	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C134	2.2uf-C/25V	0.0027	V=50.0%	-	25.0	B332I6	12
.1.....	1	Capacitor	C138	0.022uf-C/25V	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C143	0.022uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C145	0.039uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C151	10uf-C/10V	0.0027	V=50.0%	-	25.0	B332I6	13
.1.....	1	Capacitor	C162	22uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C166	22uf/6.3V	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C168	0.01uf-C	0.0027	V=50.0%	-	25.0	B332I6	14
.1.....	1	Capacitor	C17	1uf-C/25V	0.0027	V=50.0%	-	25.0	B332I6	10

.1.....	1	Capacitor	C2	0.1uf-C	0.0027	V=50.0%	-	25.0	B332I6	4
.1.....	1	Capacitor	C213	3300pf-C	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C216	2.2uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C227	10pf-C/50	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C242	1uf-C	0.0027	V=50.0%	-	25.0	B332I6	5
.1.....	1	Capacitor	C250	4.7uf-C/25V	0.0027	V=50.0%	-	25.0	B332I6	3
.1.....	1	Capacitor	C31	150pf-C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C32	22uf-C/10V	0.0027	V=50.0%	-	25.0	B332I6	6
.1.....	1	Capacitor	C36	4.7uf-C/10V	0.0027	V=50.0%	-	25.0	B332I6	3
.1.....	1	Capacitor	C37	2200pf-C	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C4	4.7uf-C/50V	0.0027	V=50.0%	-	25.0	B332I6	15
.1.....	1	Capacitor	C42	33pf-C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C45	10uf-C/10V	0.0027	V=50.0%	-	25.0	B332I6	11
.1.....	1	Capacitor	C46	0.01uf-C/10V	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C47	0.22uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	3
.1.....	1	Capacitor	C50	0.22uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	33
.1.....	1	Capacitor	C58	470pf-C	0.0027	V=50.0%	-	25.0	B332I6	6
.1.....	1	Capacitor	C6	4.7uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	5
.1.....	1	Capacitor	C62	220pf-C	0.0027	V=50.0%	-	25.0	B332I6	3
.1.....	1	Capacitor	C65	1500pf-C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C75	560pf-C	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C77	82pf-C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C79	27pf-C	0.0027	V=50.0%	-	25.0	B332I6	7
.1.....	1	Capacitor	C80	100pf-C	0.0027	V=50.0%	-	25.0	B332I6	5
.1.....	1	Capacitor	C81	68pf-C	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	C84	330pf-C	0.0027	V=50.0%	-	25.0	B332I6	4
.1.....	1	Capacitor	C88	56pf-C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	C9	10uf-C/25V	0.0027	V=50.0%	-	25.0	B332I6	26
.1.....	1	Capacitor	CA1	0.1uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	41
.1.....	1	Capacitor	CB1	10uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	121
.1.....	1	Capacitor	CC1	1uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	98

.1.....	1	Capacitor	CD1	22uf-C/6.3V	0.0213	V=50.0%	-	25.0	B332I6	96
.1.....	1	Capacitor	CD98	22uf-C/10V	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	CE1	150uf-A/35V	0.0213	V=50.0%	-	25.0	B332I6	3
.1.....	1	Capacitor	CM1	1uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	81
.1.....	1	Connector	CN1	1*4PIN	0.0011	-	-	25.0	B332I6	2
.1.....	1	Connector	CN2	1*4PIN	0.0011	-	-	25.0	B332I6	1
.1.....	1	Connector	COM1	DSUB	0.0043	-	-	25.0	B332I6	1
.1.....	1	Connector	COM2	RJ45	0.0005	-	-	25.0	B332I6	1
.1.....	1	Capacitor	CP1	100pf-8P4C	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	CP2	180pf-8P4C	0.0027	V=50.0%	-	25.0	B332I6	4
.1.....	1	IC	CPU1	Intel i5-7300U	0.0249	-	-	25.0	B332I6	1
.1.....	1	Capacitor	CS1	100uf-C/16V	0.0027	V=50.0%	-	25.0	B332I6	1
.1.....	1	Capacitor	CS14	220uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	6
.1.....	1	Capacitor	CS6	220uf-C/6.3V	0.0027	V=50.0%	-	25.0	B332I6	2
.1.....	1	Capacitor	CS8	270uf-C/2V	0.0027	V=50.0%	-	25.0	B332I6	5
.1.....	1	Diode	D1	5.0SMDJ36CA	0.0204	P=50.0%	-	25.0	B332I6	1
.1.....	1	Diode	D10	BAT54A	0.0204	P=50.0%	-	25.0	B332I6	1
.1.....	1	Diode	D11	BAT54C	0.0179	If=50.0%	-	25.0	B332I6	1
.1.....	1	Diode	D12	BAT54HT1G	0.0179	If=50.0%	-	25.0	B332I6	1
.1.....	1	Diode	D13	S9314-101B	0.0179	If=50.0%	-	25.0	B332I6	2
.1.....	1	Diode	D2	SK34A	0.0179	If=50.0%	-	25.0	B332I6	1
.1.....	1	Diode	D3	BDC400201	0.0204	P=50.0%	-	25.0	B332I6	4
.1.....	1	Diode	D8	ZENER MMSZ5230A	0.0204	P=50.0%	-	25.0	B332I6	2
.1.....	1	Connector	DGP1	2*5PIN	0.0028	-	-	25.0	B332I6	1
.1.....	1	Connector	DIMM1	DIMM	0.0410	-	-	25.0	B332I6	1
.1.....	1	Connector	DIMM2	DIMM	0.0410	-	-	25.0	B332I6	1
.1.....	1	Connector	DP1	DISPLAY	0.0057	-	-	25.0	B332I6	1
.1.....	1	Diode	ESD1	ESD	0.0179	If=50.0%	-	25.0	B332I6	4
.1.....	1	Diode	ESD11	AZ5125	0.0179	If=50.0%	-	25.0	B332I6	3
.1.....	1	Diode	ESD14	AZ1065	0.0179	If=50.0%	-	25.0	B332I6	2
.1.....	1	Diode	ESD16	AZC199-04S	0.0179	If=50.0%	-	25.0	B332I6	6

.1.....	1	Diode	ESD5	ESD	0.0179	If=50.0%	-	25.0	B332I6	6
.1.....	1	Fuse	F1	FUSE	0.0150	-	-	25.0	B332I6	2
.1.....	1	Fuse	F3	FUSE	0.0150	-	-	25.0	B332I6	2
.1.....	1	Inductive	FB1	BEAD30ohm	0.0159	-	-	25.0	B332I6	18
.1.....	1	Inductive	FB18	BEAD60ohm	0.0159	-	-	25.0	B332I6	2
.1.....	1	Inductive	FB20	BEAD50ohm	0.0159	-	-	25.0	B332I6	2
.1.....	1	Inductive	FB39	BEAD600ohm	0.0159	-	-	25.0	B332I6	2
.1.....	1	Inductive	FB9	BEAD120ohm	0.0159	-	-	25.0	B332I6	2
.1.....	1	Connector	INV1	1*5PIN	0.0014	-	-	25.0	B332I6	1
.1.....	1	Connector	J1	1*4PIN	0.0011	-	-	25.0	B332I6	2
.1.....	1	Connector	JBAT1	1*2	0.0006	-	-	25.0	B332I6	1
.1.....	1	Connector	JCP1	1*3PIN	0.0213	-	-	25.0	B332I6	1
.1.....	1	Connector	JCP1-J	1*2PIN	0.0006	-	-	25.0	B332I6	1
.1.....	1	Connector	JLOUT1	AUDIO	0.0026	-	-	25.0	B332I6	1
.1.....	1	Connector	JME-J	1*2PIN	0.0006	-	-	25.0	B332I6	1
.1.....	1	Connector	JSW2	1*2	0.0006	-	-	25.0	B332I6	1
.1.....	1	Connector	JV1-J	1*2PIN	0.0006	-	-	25.0	B332I6	4
.1.....	1	Connector	JVIN1	1*3PIN	0.0213	-	-	25.0	B332I6	5
.1.....	1	Resistor	L1	90ohm	0.0011	P=50.0%	-	25.0	B332I6	10
.1.....	1	Resistor	L4	90ohm	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	IC	LAN1	WGI210IT	0.0198	-	-	25.0	B332I6	2
.1.....	1	Connector	LANCN1	RJ45	0.0005	-	-	25.0	B332I6	2
.1.....	1	Connector	LVDS1	2*15PIN	0.0085	-	-	25.0	B332I6	1
.1.....	1	Connector	MC1	MINI	0.0148	-	-	25.0	B332I6	1
.1.....	1	Connector	MDP1	MiNi-DP	0.0057	-	-	25.0	B332I6	1
.1.....	1	Connector	MEKEY1	NGFF	0.0213	-	-	25.0	B332I6	1
.1.....	1	Connector	MMKEY1	NGFF	0.0213	-	-	25.0	B332I6	2
.1.....	1	Inductive	PL1	10uH	0.0159	-	-	25.0	B332I6	2
.1.....	1	Inductive	PL11	0.12uH-PW	0.0431	-	-	25.0	B332I6	3
.1.....	1	Inductive	PL14	0.24uH-PW	0.0431	-	-	25.0	B332I6	1
.1.....	1	Inductive	PL15	5.6uH-PW	0.0431	-	-	25.0	B332I6	1

.1.....	1	Inductive	PL16	22uH	0.0431	-	-	25.0	B332I6	1
.1.....	1	Inductive	PL17	10uH	0.0159	-	-	25.0	B332I6	1
.1.....	1	Inductive	PL3	1uH	0.0159	-	-	25.0	B332I6	3
.1.....	1	Inductive	PL4	1uH	0.0159	-	-	25.0	B332I6	1
.1.....	1	Inductive	PL6	1uH	0.0159	-	-	25.0	B332I6	4
.1.....	1	Switch	PSW1	6PIN DIP	0.0213	Icont=50.0%	-	25.0	B332I6	1
.1.....	1	Connector	PWRIN1	Terminal	0.0285	-	-	25.0	B332I6	1
.1.....	1	Transistor	Q1	PDC6976X-5	0.0398	P=50.0%	-	25.0	B332I6	4
.1.....	1	Transistor	Q10	2N7002KDW	0.0398	P=50.0%	-	25.0	B332I6	7
.1.....	1	Transistor	Q11	2N7002K	0.0398	P=50.0%	-	25.0	B332I6	7
.1.....	1	Transistor	Q15	MDV1522URH	0.0398	P=50.0%	-	25.0	B332I6	2
.1.....	1	Transistor	Q19	PJT138K	0.0398	P=50.0%	-	25.0	B332I6	3
.1.....	1	Transistor	Q20	BSS138BKW	0.0398	P=50.0%	-	25.0	B332I6	5
.1.....	1	Transistor	Q28	LP3401LT1G	0.0398	P=50.0%	-	25.0	B332I6	2
.1.....	1	Transistor	Q33	PDN3916S	0.0398	P=50.0%	-	25.0	B332I6	2
.1.....	1	Transistor	Q34	2N7002KW	0.0398	P=50.0%	-	25.0	B332I6	2
.1.....	1	IC	Q40	MMBT3906-HF	0.0192	-	-	25.0	B332I6	6
.1.....	1	Transistor	Q47	IRLML6402TRPBF	0.0398	P=50.0%	-	25.0	B332I6	2
.1.....	1	Transistor	Q5	PMBT3904	0.0398	P=50.0%	-	25.0	B332I6	5
.1.....	1	Transistor	Q6	MDU1722VRH	0.0398	P=50.0%	-	25.0	B332I6	4
.1.....	1	Transistor	Q9	MDV3605URH	0.0398	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R1	0.008ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R101	61.9K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R102	330ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R106	499ohm	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	Resistor	R11	60.4K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R112	150K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R115	10ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R117	4.7ohm	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R147	3.83K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R148	34K	0.0011	P=50.0%	-	25.0	B332I6	1

.1.....	1	Resistor	R149	10ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R150	71.5K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R151	34.8K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R152	115K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R153	243ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R157	100ohm	0.0011	P=50.0%	-	25.0	B332I6	7
.1.....	1	Resistor	R158	45.3ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R16	100K	0.0011	P=50.0%	-	25.0	B332I6	10
.1.....	1	Resistor	R160	49.9ohm	0.0011	P=50.0%	-	25.0	B332I6	8
.1.....	1	Resistor	R162	4.87K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R166	619ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R167	80.6K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R168	1.3K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R169	806ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R170	4.02K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R171	200ohm	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R172	140ohm	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R173	453ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R174	1.78K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R175	30.9K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R176	78.7K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R177	39.2K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R178	124K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R179	15.4K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R18	1.24ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R180	16.9K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R181	29.4K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R182	35.7K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R183	2M	0.0068	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R184	255K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R185	4.12K	0.0011	P=50.0%	-	25.0	B332I6	2

.1.....	1	Resistor	R187	49.9K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R188	249ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R190	357ohm	0.0016	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R192	15K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R193	12.1K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R194	33.2K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R2	10ohm	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	Resistor	R20	49.9K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R204	4.7K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R205	21K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R206	2.2K	0.0011	P=50.0%	-	25.0	B332I6	5
.1.....	1	Resistor	R21	499ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R213	24.9ohm	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R214	1K	0.0011	P=50.0%	-	25.0	B332I6	15
.1.....	1	Resistor	R221	51ohm	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	Resistor	R23	7.5K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R24	390ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R244	121ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R245	80.6ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R247	470ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R248	8.2K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R25	470K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R258	22ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R26	200K	0.0011	P=50.0%	-	25.0	B332I6	10
.1.....	1	Resistor	R261	33ohm	0.0011	P=50.0%	-	25.0	B332I6	9
.1.....	1	Resistor	R266	2.2K	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	Resistor	R273	60.4ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R276	1M	0.0011	P=50.0%	-	25.0	B332I6	6
.1.....	1	Resistor	R28	2K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R287	113ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R295	1K	0.0011	P=50.0%	-	25.0	B332I6	6

.1.....	1	Resistor	R297	10M	0.0068	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R298	2.7K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R305	56.2ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R306	220ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R320	0ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R323	0.01ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R324	240ohm	0.0011	P=50.0%	-	25.0	B332I6	22
.1.....	1	Resistor	R340	2.2ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R372	47K	0.0080	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R374	150ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R378	3.3K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R379	4.99K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R380	33ohm	0.0011	P=50.0%	-	25.0	B332I6	14
.1.....	1	Resistor	R391	330ohm	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	Resistor	R399	33K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R4	1M	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R43	7.5K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R433	4.7K	0.0011	P=50.0%	-	25.0	B332I6	10
.1.....	1	Resistor	R44	390ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R45	499K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R450	5.11K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R451	47K	0.0080	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R46	100K	0.0011	P=50.0%	-	25.0	B332I6	16
.1.....	1	Resistor	R461	75ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R463	22K	0.0080	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R467	4.7K	0.0011	P=50.0%	-	25.0	B332I6	9
.1.....	1	Resistor	R47	20K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R48	1K	0.0011	P=50.0%	-	25.0	B332I6	19
.1.....	1	Resistor	R485	24.9K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R487	42.2K	0.0011	P=50.0%	-	25.0	B332I6	4
.1.....	1	Resistor	R488	154K	0.0011	P=50.0%	-	25.0	B332I6	2

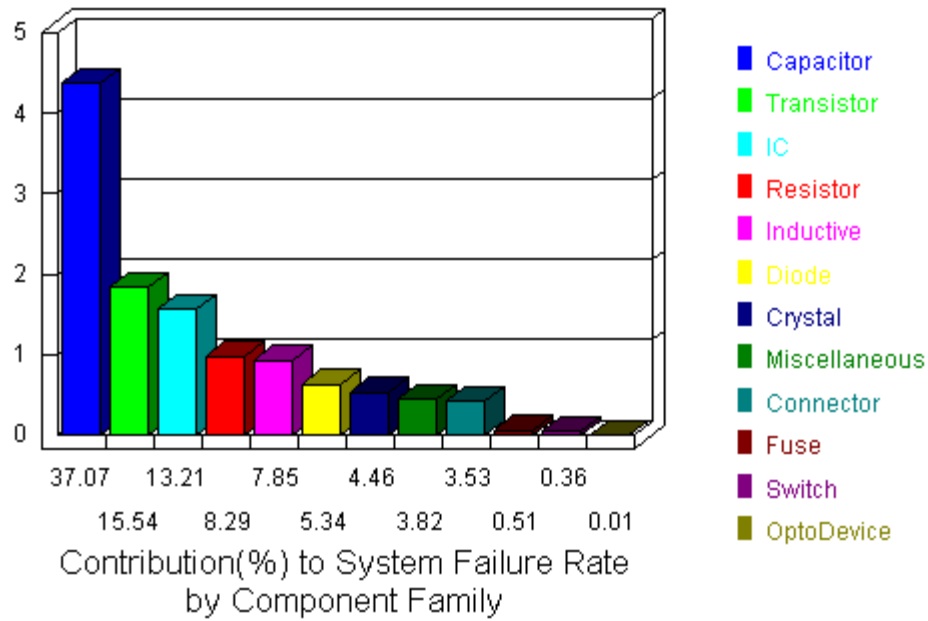
.1.....	1	Resistor	R49	3.3K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R498	10ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R499	43ohm	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R5	0ohm	0.0011	P=50.0%	-	25.0	B332I6	18
.1.....	1	Resistor	R50	2.7K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R519	20K	0.0011	P=50.0%	-	25.0	B332I6	5
.1.....	1	Resistor	R52	60.4K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R522	2K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R53	7.87K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R54	51K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R55	330K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	R56	100ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R562	150K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R576	2.2K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R585	560K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R587	2.2K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R590	220K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R6	10K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R60	90.9K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R601	681ohm	0.0016	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R604	510K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R607	121K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R608	2.2ohm	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R610	210K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R612	40.2k	0.0016	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R614	47.5K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R617	63.4K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R621	68.1K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R65	6.49K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R69	133K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R7	24.3K	0.0011	P=50.0%	-	25.0	B332I6	1

.1.....	1	Resistor	R71	3.57K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R72	2.87K	0.0011	P=50.0%	-	25.0	B332I6	1
.1.....	1	Resistor	R73	3.3ohm	0.0011	P=50.0%	-	25.0	B332I6	6
.1.....	1	Resistor	R74	100K	0.0011	P=50.0%	-	25.0	B332I6	12
.1.....	1	Resistor	R77	5.1ohm	0.0011	P=50.0%	-	25.0	B332I6	6
.1.....	1	Resistor	R78	20K	0.0011	P=50.0%	-	25.0	B332I6	10
.1.....	1	Resistor	R8	1K	0.0011	P=50.0%	-	25.0	B332I6	5
.1.....	1	Resistor	R9	100K	0.0011	P=50.0%	-	25.0	B332I6	2
.1.....	1	Resistor	R91	20K	0.0011	P=50.0%	-	25.0	B332I6	5
.1.....	1	Resistor	R97	100ohm	0.0011	P=50.0%	-	25.0	B332I6	15
.1.....	1	Resistor	RA1	10K	0.0011	P=50.0%	-	25.0	B332I6	50
.1.....	1	Resistor	RB1	10K	0.0011	P=50.0%	-	25.0	B332I6	90
.1.....	1	Resistor	RS1	4.7K	0.0011	P=50.0%	-	25.0	B332I6	3
.1.....	1	Resistor	RY1	0ohm	0.0011	P=50.0%	-	25.0	B332I6	50
.1.....	1	Resistor	RZ1	0ohm	0.0011	P=50.0%	-	25.0	B332I6	165
.1.....	1	IC	SPI1	MX25L512EMI	0.0190	-	-	25.0	B332I6	1
.1.....	1	Switch	SW1	DIP	0.0213	Icont=50.0%	-	25.0	B332I6	1
.1.....	1	OptoDevice	SWOUT1	LED	0.0008	-	-	25.0	B332I6	1
.1.....	1	IC	U1	LT4356HDE	0.0191	-	-	25.0	B332I6	1
.1.....	1	IC	U10	TPS22992RXPR	0.0190	-	-	25.0	B332I6	4
.1.....	1	IC	U12	SN74AUP1G97DCK	0.0189	-	-	25.0	B332I6	2
.1.....	1	IC	U14	SN74LVC1G08DCK	0.0189	-	-	25.0	B332I6	10
.1.....	1	IC	U17	MUN3CAD03	0.0191	-	-	25.0	B332I6	2
.1.....	1	IC	U18	NB685GQ	0.0191	-	-	25.0	B332I6	1
.1.....	1	IC	U2	MIC2127AYML-TR	0.0191	-	-	25.0	B332I6	2
.1.....	1	IC	U23	MP2939GQK-Z	0.0196	-	-	25.0	B332I6	1
.1.....	1	IC	U24	MP86901-CGLT	0.0192	-	-	25.0	B332I6	3
.1.....	1	IC	U27	MP86901-AGQT	0.0191	-	-	25.0	B332I6	1
.1.....	1	IC	U28	SN74AUP1G07DCK	0.0189	-	-	25.0	B332I6	1
.1.....	1	IC	U35	STM811SW16F	0.0189	-	-	25.0	B332I6	2
.1.....	1	IC	U4	MPQ8633AGLE-Z	0.0192	-	-	25.0	B332I6	1

.1.....	1	IC	U40	SN74CBT3125PWR	0.0191	-	-	25.0	B332I6	2
.1.....	1	IC	U42	ALC888S-VDS-GR	0.0196	-	-	25.0	B332I6	2
.1.....	1	IC	U43	AS78L05RTR-G1	0.0201	-	-	25.0	B332I6	1
.1.....	1	IC	U44	PI3PCIE3212ZBE	0.0192	-	-	25.0	B332I6	1
.1.....	1	IC	U45	SN74LVC1G08DBV	0.0189	-	-	25.0	B332I6	5
.1.....	1	IC	U46	TXS0102DQMR	0.0190	-	-	25.0	B332I6	1
.1.....	1	IC	U48	AP2553AFDC-7	0.0189	-	-	25.0	B332I6	8
.1.....	1	IC	U5	MPQ8633BGLE	0.0192	-	-	25.0	B332I6	1
.1.....	1	IC	U56	F81866D-I	0.0205	-	-	25.0	B332I6	1
.1.....	1	IC	U58	F81439N	0.0195	-	-	25.0	B332I6	2
.1.....	1	IC	U6	MPM3810GQB-Z	0.0191	-	-	25.0	B332I6	1
.1.....	1	IC	U63	ASM1806	0.0201	-	-	25.0	B332I6	1
.1.....	1	IC	U67	SLB9665TT2.0	0.0193	-	-	25.0	B332I6	1
.1.....	1	IC	U68	IDT553S	0.0190	-	-	25.0	B332I6	1
.1.....	1	IC	U7	TPS74801DRC	0.0190	-	-	25.0	B332I6	1
.1.....	1	IC	U70	PTN3460BS	0.0197	-	-	25.0	B332I6	1
.1.....	1	IC	U71	SN74LVC1G126DCK	0.0189	-	-	25.0	B332I6	1
.1.....	1	IC	U72	SN74LVC1G125DCKR	0.0189	-	-	25.0	B332I6	1
.1.....	1	IC	U74	GL852GT-OHY12	0.0193	-	-	25.0	B332I6	1
.1.....	1	IC	U75	MP4560DQ-LF	0.0190	-	-	25.0	B332I6	2
.1.....	1	IC	U9	NB681AGD	0.0191	-	-	25.0	B332I6	5
.1.....	1	Connector	USB1	USB	0.0017	-	-	25.0	B332I6	2
.1.....	1	Connector	USB3	USB	0.0017	-	-	25.0	B332I6	3
.1.....	1	Crystal	X1	32.768KHz	0.0750	-	-	25.0	B332I6	1
.1.....	1	Crystal	X2	24Mhz	0.0750	-	-	25.0	B332I6	1
.1.....	1	Crystal	X3	25MHz	0.0750	-	-	25.0	B332I6	2
.1.....	1	Crystal	X5	48MHz	0.0750	-	-	25.0	B332I6	1
.1.....	1	Crystal	X6	25MHz	0.0750	-	-	25.0	B332I6	1
.1.....	1	Connector	xPCIE1	PCI-E	0.0467	-	-	25.0	B332I6	1
.1.....	1	Crystal	Y3	12MHz	0.0750	-	-	25.0	B332I6	1

End of Report

Failures per million hours



MTBF in hours

