



ZIPPY TECHNOLOGY CORP.

Mean Time Between Failures
PREDICTION REPORT

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : R1U-2700K2(RoHS)(PMBus WP1.2)

Approval By	<i>Bruce Lin</i>	正式 資料 用 章	
Prepared By	<i>Jain Huang Lin</i>		

ZIPPY TECHNOLOGY CORP.
6F.,NO.48,WUQUAN RD.,
WUGU DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.
RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL-HDBK-217F, Notice 2

Date : DEC-16-2022 Time : 10:41:32
End Item Title : R1U SERIES MTBF
End Item Part Number : R1U-2700K2(RoHS)(PMBus WP1.2)
R1U-2700K2(RoHS)(PMBus WP1.2) MTBF : 187,279
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : R1U / MTBF
Module Reference Designation : R1U
Environmental Condition : GB
Ambient Temperature: 25°C

R1U-2700K2(RoHS)(PMBus WP1.2)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B106080037	BOM	SPECIAL	1	0.290589	0.290589
2	B106080045	BOM	SPECIAL	1	0.111854	0.111854
3	B106080046	BOM	SPECIAL	1	0.868599	0.868599
4	B106670019	BOM	SPECIAL	1	0.199806	0.199806
5	B200000308	BOM	NMIL	2	0.013289	0.026578
6	B200000574	BOM	NMIL	1	0.005806	0.005806
7	B200000776	BOM	NMIL	1	0.005248	0.005248
8	B200010068	BOM	NMIL	1	0.072552	0.072552
9	B200010243	BOM	NMIL	6	0.072168	0.433008
10	B200010259	BOM	NMIL	2	0.076326	0.152652
11	B200010266	BOM	NMIL	1	0.078929	0.078929
12	B200010269	BOM	NMIL	3	0.000652	0.001956
13	B200010270	BOM	NMIL	4	0.000652	0.002608
14	B200020024	BOM	NMIL	1	0.002332	0.002332
15	B200020048	BOM	NMIL	1	0.000755	0.000755
16	B200030069	BOM	NMIL	1	0.002308	0.002308
17	B200030081	BOM	NMIL	1	0.001224	0.001224
18	B200030083	BOM	NMIL	1	0.002308	0.002308
19	B200040073	BOM	NMIL	8	0.011646	0.093168
20	B200040120	BOM	NMIL	1	0.011646	0.011646
21	B200040133	BOM	NMIL	2	0.011646	0.023292
22	B200040150	BOM	NMIL	1	0.011646	0.011646
23	B200040173	BOM	NMIL	1	0.003901	0.003901
24	B200050081	BOM	NMIL	5	0.003013	0.015065

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25	B200050084	BOM	NMIL	1	0.003013	0.003013
26	B200050088	BOM	NMIL	1	0.003013	0.003013
27	B200060029	BOM	NMIL	1	0.014225	0.014225
28	B200090055	BOM	NMIL	1	0.001476	0.001476
29	B200110001	BOM	NMIL	1	0.002896	0.002896
30	B200110035	BOM	NMIL	1	0.002896	0.002896
31	B200110123	BOM	NMIL	1	0.002210	0.002210
32	B200110128	BOM	NMIL	1	0.001551	0.001551
33	B200110162	BOM	NMIL	1	0.002896	0.002896
34	B200110177	BOM	NMIL	1	0.002896	0.002896
35	B200110185	BOM	NMIL	1	0.002896	0.002896
36	B200110192	BOM	NMIL	1	0.002210	0.002210
37	B200110235	BOM	NMIL	1	0.002896	0.002896
38	B200110279	BOM	NMIL	1	0.002210	0.002210
39	B200110282	BOM	NMIL	1	0.002896	0.002896
40	B200110337	BOM	NMIL	2	0.003039	0.006078
41	B200110473	BOM	NMIL	3	0.002896	0.008688
42	B200110530	BOM	NMIL	1	0.002210	0.002210
43	B200110544	BOM	NMIL	1	0.002210	0.002210
44	B200110580	BOM	NMIL	2	0.002319	0.004638
45	B200110608	BOM	NMIL	3	0.002835	0.008505
46	B200110709	BOM	NMIL	1	0.002026	0.002026
47	B200110715	BOM	NMIL	2	0.002896	0.005792
48	B200110733	BOM	NMIL	6	0.002026	0.012156
49	B200110734	BOM	NMIL	2	0.002026	0.004052
50	B200110737	BOM	NMIL	2	0.002210	0.004420
51	B200110738	BOM	NMIL	5	0.002026	0.010130
52	B200110739	BOM	NMIL	1	0.002026	0.002026
53	B200110775	BOM	NMIL	1	0.002026	0.002026
54	B200110777	BOM	NMIL	1	0.002026	0.002026
55	B200110797	BOM	NMIL	1	0.002126	0.002126
56	B200110808	BOM	NMIL	1	0.002026	0.002026
57	B200110811	BOM	NMIL	1	0.002026	0.002026
58	B200110814	BOM	NMIL	1	0.002026	0.002026
59	B200110819	BOM	NMIL	1	0.002026	0.002026
60	B200110846	BOM	NMIL	1	0.002126	0.002126
61	B200110870	BOM	NMIL	1	0.002126	0.002126
62	B200110872	BOM	NMIL	1	0.002026	0.002026
63	B200110891	BOM	NMIL	1	0.002126	0.002126

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64	B200110928	BOM	NMIL	1	0.002026	0.002026
65	B200111016	BOM	NMIL	1	0.002026	0.002026
66	B200111024	BOM	NMIL	1	0.002026	0.002026
67	B200120170	BOM	NMIL	1	0.004786	0.004786
68	B200160009	BOM	NMIL	1	0.007893	0.007893
69	B200160017	BOM	NMIL	1	0.004760	0.004760
70	B200170024	BOM	NMIL	3	0.002840	0.008520
71	B200170055	BOM	NMIL	1	0.003721	0.003721
72	B200170074	BOM	NMIL	2	0.002840	0.005680
73	B200180095	BOM	NMIL	1	0.001907	0.001907
74	B200180108	BOM	NMIL	1	0.001974	0.001974
75	B200190064	BOM	NMIL	1	0.012538	0.012538
76	B200200075	BOM	NMIL	1	0.009676	0.009676
77	B200200116	BOM	NMIL	4	0.004199	0.016796
78	B200200140	BOM	NMIL	1	0.003664	0.003664
79	B200200142	BOM	NMIL	1	0.007306	0.007306
80	B200200158	BOM	NMIL	1	0.004508	0.004508
81	B200200170	BOM	NMIL	2	0.007306	0.014612
82	B200200193	BOM	NMIL	1	0.004827	0.004827
83	B200200197	BOM	NMIL	1	0.005939	0.005939
84	B200200207	BOM	NMIL	1	0.005166	0.005166
85	B200200208	BOM	NMIL	4	0.006356	0.025424
86	B200200213	BOM	NMIL	1	0.004224	0.004224
87	B200220020	BOM	NMIL	1	0.003440	0.003440
88	B200220082	BOM	NMIL	3	0.001208	0.003624
89	B200220087	BOM	NMIL	2	0.001125	0.002250
90	B200230263	BOM	NMIL	3	0.001314	0.003942
91	B200230281	BOM	NMIL	1	0.008808	0.008808
92	B200230288	BOM	NMIL	1	0.001298	0.001298
93	B200230381	BOM	NMIL	1	0.007031	0.007031
94	B200230465	BOM	NMIL	1	0.022120	0.022120
95	B200230524	BOM	NMIL	2	0.001875	0.003750
96	B200230537	BOM	NMIL	3	0.013551	0.040653
97	B200230608	BOM	NMIL	1	0.009361	0.009361
98	B200230633	BOM	NMIL	1	0.001727	0.001727
99	B200240012	BOM	NMIL	1	0.005171	0.005171
100	B200250009	BOM	NMIL	1	0.012728	0.012728
101	B200260382	BOM	NMIL	1	0.022528	0.022528
102	B200260413	BOM	NMIL	1	0.011448	0.011448
103	B200260475	BOM	NMIL	1	0.010585	0.010585

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104	B200280012	BOM	NMIL	1	0.000623	0.000623
105	B200300476	BOM	NMIL	1	0.003771	0.003771
106	B200300540	BOM	NMIL	1	0.098317	0.098317
107	B200310019	BOM	NMIL	1	0.005441	0.005441
108	B200370088	BOM	NMIL	1	0.001373	0.001373
109	B200370115	BOM	NMIL	1	0.001196	0.001196
110	B210060136	BOM	NMIL	1	0.024396	0.024396
111	B210090240	BOM	SPECIAL	1	2.276868	2.276868
112	B210160060	BOM	NMIL	1	0.010000	0.010000
113	B210193608	BOM	NMIL	1	0.023541	0.023541

Total Failure Rate (F/10⁶Hrs) : 5.339616
Mean Time (in hours) Between Failures (MTBF) : **187,279**