



ZIPPY TECHNOLOGY CORP.

**Mean Time Between Failures
PREDICTION REPORT**

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : BZRH-2550V2(RoHS)(PMBus WP1.2)

Approval By	<i>Matthew - Chow</i>	正 式 資 料 用 章	
Prepared By	<i>Tain Huan Lin</i>		

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.
RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL-HDBK-217F, Notice 2

Date : JUL-05-2018 Time : 11:32:43
End Item Title : BZRH SERIES MTBF
End Item Part Number : BZRH-2550V2(RoHS)(PMBus WP1.2)
BZRH-2550V2(RoHS)(PMBus WP1.2) MTBF : 176,265
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : BZRH / MTBF
Module Reference Designation : BZRH
Environmental Condition : GB
Ambient Temperature: 25°C

BZRH-2550V2(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	B103590002	BOM	SPECIAL	1	0.062505	0.062505
2	B106130005	BOM	SPECIAL	1	0.709416	0.709416
3	B106230003	BOM	SPECIAL	1	0.536111	0.536111
4	B106230004	BOM	SPECIAL	1	0.125044	0.125044
5	B106230005	BOM	SPECIAL	1	0.214017	0.214017
6	B106230007	BOM	SPECIAL	1	0.140138	0.140138
7	B106230008	BOM	SPECIAL	1	0.048300	0.048300
8	B200000316	BOM	NMIL	1	0.005601	0.005601
9	B200000357	BOM	NMIL	1	0.013289	0.013289
10	B200000558	BOM	NMIL	1	0.005248	0.005248
11	B200000601	BOM	NMIL	2	0.005806	0.011612
12	B200000603	BOM	NMIL	1	0.005248	0.005248
13	B200000637	BOM	NMIL	1	0.006974	0.006974
14	B200000638	BOM	NMIL	1	0.013289	0.013289
15	B200000656	BOM	NMIL	1	0.005248	0.005248
16	B200010112	BOM	NMIL	2	0.058974	0.117948
17	B200010167	BOM	NMIL	1	0.000747	0.000747
18	B200010190	BOM	NMIL	1	0.002434	0.002434
19	B200010233	BOM	NMIL	2	0.000351	0.000702
20	B200010234	BOM	NMIL	2	0.000351	0.000702
21	B200010249	BOM	NMIL	1	0.000290	0.000290
22	B200010260	BOM	NMIL	2	0.000674	0.001348
23	B200010262	BOM	NMIL	3	0.072168	0.216504
24	B200010268	BOM	NMIL	6	0.058974	0.353844

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25	B200020017	BOM	NMIL	1	0.002332	0.002332
26	B200030069	BOM	NMIL	2	0.002308	0.004616
27	B200030107	BOM	NMIL	4	0.002308	0.009232
28	B200040035	BOM	NMIL	1	0.001229	0.001229
29	B200040065	BOM	NMIL	2	0.011646	0.023292
30	B200040073	BOM	NMIL	9	0.011646	0.104814
31	B200040108	BOM	NMIL	1	0.011646	0.011646
32	B200040139	BOM	NMIL	1	0.014246	0.014246
33	B200050083	BOM	NMIL	2	0.003013	0.006026
34	B200050084	BOM	NMIL	3	0.003013	0.009039
35	B200090055	BOM	NMIL	1	0.001476	0.001476
36	B200110006	BOM	NMIL	4	0.002896	0.011584
37	B200110042	BOM	NMIL	10	0.002210	0.022100
38	B200110046	BOM	NMIL	4	0.002896	0.011584
39	B200110095	BOM	NMIL	2	0.002896	0.005792
40	B200110123	BOM	NMIL	3	0.002210	0.006630
41	B200110190	BOM	NMIL	1	0.002896	0.002896
42	B200110202	BOM	NMIL	1	0.002896	0.002896
43	B200110227	BOM	NMIL	1	0.002896	0.002896
44	B200110235	BOM	NMIL	1	0.002896	0.002896
45	B200110279	BOM	NMIL	2	0.002210	0.004420
46	B200110313	BOM	NMIL	1	0.002896	0.002896
47	B200110357	BOM	NMIL	2	0.002896	0.005792
48	B200110489	BOM	NMIL	1	0.002210	0.002210
49	B200110490	BOM	NMIL	2	0.002210	0.004420
50	B200110495	BOM	NMIL	1	0.002210	0.002210
51	B200110501	BOM	NMIL	1	0.002210	0.002210
52	B200110505	BOM	NMIL	1	0.002210	0.002210
53	B200110506	BOM	NMIL	1	0.002210	0.002210
54	B200110508	BOM	NMIL	1	0.002210	0.002210
55	B200110512	BOM	NMIL	1	0.002210	0.002210
56	B200110523	BOM	NMIL	1	0.002210	0.002210
57	B200110524	BOM	NMIL	1	0.002210	0.002210
58	B200110541	BOM	NMIL	1	0.002210	0.002210
59	B200110550	BOM	NMIL	2	0.002210	0.004420
60	B200110554	BOM	NMIL	4	0.002210	0.008840
61	B200110571	BOM	NMIL	2	0.002210	0.004420
62	B200110574	BOM	NMIL	1	0.002319	0.002319
63	B200110583	BOM	NMIL	2	0.002210	0.004420
64	B200110625	BOM	NMIL	1	0.002896	0.002896

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65	B200110635	BOM	NMIL	2	0.002210	0.004420
66	B200110639	BOM	NMIL	1	0.002210	0.002210
67	B200110641	BOM	NMIL	2	0.002319	0.004638
68	B200110670	BOM	NMIL	3	0.002896	0.008688
69	B200110675	BOM	NMIL	2	0.002210	0.004420
70	B200110683	BOM	NMIL	1	0.002319	0.002319
71	B200110733	BOM	NMIL	1	0.002026	0.002026
72	B200110864	BOM	NMIL	1	0.002026	0.002026
73	B200111089	BOM	NMIL	2	0.002896	0.005792
74	B200160053	BOM	NMIL	1	0.008611	0.008611
75	B200170072	BOM	NMIL	2	0.003721	0.007442
76	B200200057	BOM	NMIL	2	0.008988	0.017976
77	B200200070	BOM	NMIL	1	0.007077	0.007077
78	B200200082	BOM	NMIL	4	0.008395	0.033580
79	B200200092	BOM	NMIL	7	0.009620	0.067340
80	B200200094	BOM	NMIL	1	0.004508	0.004508
81	B200200153	BOM	NMIL	2	0.005166	0.010332
82	B200200156	BOM	NMIL	4	0.006356	0.025424
83	B200200166	BOM	NMIL	4	0.006824	0.027296
84	B200200204	BOM	NMIL	2	0.007306	0.014612
85	B200200205	BOM	NMIL	2	0.007820	0.015640
86	B200200206	BOM	NMIL	1	0.008395	0.008395
87	B200200208	BOM	NMIL	1	0.006356	0.006356
88	B200200226	BOM	NMIL	1	0.002775	0.002775
89	B200210007	BOM	NMIL	1	0.021267	0.021267
90	B200220010	BOM	NMIL	1	0.003943	0.003943
91	B200220020	BOM	NMIL	1	0.003440	0.003440
92	B200220082	BOM	NMIL	3	0.001208	0.003624
93	B200230342	BOM	NMIL	1	0.002178	0.002178
94	B200230354	BOM	NMIL	2	0.010416	0.020832
95	B200230388	BOM	NMIL	2	0.008140	0.016280
96	B200230445	BOM	NMIL	1	0.001831	0.001831
97	B200230472	BOM	NMIL	2	0.012441	0.024882
98	B200230506	BOM	NMIL	1	0.001123	0.001123
99	B200230507	BOM	NMIL	2	0.010206	0.020412
100	B200240013	BOM	NMIL	2	0.009253	0.018506
101	B200250018	BOM	NMIL	1	0.014087	0.014087
102	B200260274	BOM	NMIL	1	0.017942	0.017942
103	B200260276	BOM	NMIL	1	0.017942	0.017942

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104	B200260277	BOM	NMIL	1	0.017942	0.017942
105	B200280023	BOM	NMIL	2	0.000623	0.001246
106	B200290011	BOM	NMIL	2	0.002901	0.005802
107	B200300315	BOM	NMIL	1	0.007516	0.007516
108	B200300478	BOM	NMIL	1	0.004352	0.004352
109	B200300487	BOM	NMIL	1	0.003714	0.003714
110	B200360064	BOM	NMIL	1	0.001528	0.001528
111	B200370051	BOM	NMIL	1	0.001196	0.001196
112	B200370085	BOM	NMIL	2	0.001196	0.002392
113	B200370111	BOM	NMIL	1	0.001196	0.001196
114	B210090232	BOM	SPECIAL	1	2.182912	2.182912
115	B210160043	BOM	NMIL	2	0.010000	0.020000
116	B210192649	BOM	NMIL	1	0.003548	0.003548
117	B210192691	BOM	NMIL	1	0.017022	0.017022

Total Failure Rate (F/10⁶Hrs) : 5.673282
Mean Time (in hours) Between Failures (MTBF) : **176,265**