



ZIPPY TECHNOLOGY CORP.

**Mean Time Between Failures
PREDICTION REPORT**

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : P1H-5700G(RoHS)(PMBus WP1.2)

Approval By		正式資料 用章	
Prepared By			

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 : NOV-29-2017 Time : 09:55:46
End Item Title : P1H SERIES MTBF
End Item Part Number : P1H-5700G(RoHS)(PMBus WP1.2)
P1H-5700G(RoHS)(PMBus WP1.2) MTBF : 182,328
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1H / MTBF
Module Reference Designation : P1H
Environmental Condition : GB
Ambient Temperature: 25°C

P1H-5700G(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	B103210004	BOM	SPECIAL	1	0.079554	0.079554
2	B104430006	BOM	SPECIAL	1	0.257740	0.257740
3	B104430007	BOM	SPECIAL	1	0.287589	0.287589
4	B104430015	BOM	SPECIAL	1	0.101177	0.101177
5	B106000002	BOM	SPECIAL	1	0.228493	0.228493
6	B106000003	BOM	SPECIAL	1	0.108237	0.108237
7	B106000004	BOM	SPECIAL	1	0.221674	0.221674
8	B106000005	BOM	SPECIAL	1	0.384213	0.384213
9	B200000242	BOM	NMIL	1	0.015207	0.015207
10	B200000308	BOM	NMIL	4	0.013289	0.053156
11	B200000321	BOM	NMIL	1	0.007024	0.007024
12	B200000333	BOM	NMIL	2	0.005806	0.011612
13	B200000455	BOM	NMIL	1	0.008308	0.008308
14	B200010009	BOM	NMIL	1	0.000971	0.000971
15	B200010022	BOM	NMIL	3	0.000453	0.001359
16	B200010052	BOM	NMIL	4	0.000337	0.001348
17	B200010087	BOM	NMIL	2	0.008014	0.016028
18	B200010242	BOM	NMIL	2	0.065527	0.131054
19	B200010258	BOM	NMIL	4	0.065527	0.262108
20	B200010259	BOM	NMIL	2	0.065527	0.131054
21	B200020024	BOM	NMIL	12	0.002332	0.027984
22	B200020034	BOM	NMIL	1	0.016175	0.016175
23	B200030056	BOM	NMIL	1	0.002308	0.002308
24	B200030069	BOM	NMIL	1	0.002308	0.002308

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25	B200030077	BOM	NMIL	1	0.002308	0.002308
26	B200030082	BOM	NMIL	1	0.002308	0.002308
27	B200030107	BOM	NMIL	1	0.002308	0.002308
28	B200040063	BOM	NMIL	1	0.015829	0.015829
29	B200040104	BOM	NMIL	1	0.002994	0.002994
30	B200040133	BOM	NMIL	1	0.011646	0.011646
31	B200050024	BOM	NMIL	1	0.004016	0.004016
32	B200050035	BOM	NMIL	2	0.005992	0.011984
33	B200060029	BOM	NMIL	1	0.013678	0.013678
34	B200110001	BOM	NMIL	2	0.002896	0.005792
35	B200110127	BOM	NMIL	2	0.003039	0.006078
36	B200110138	BOM	NMIL	1	0.002896	0.002896
37	B200110149	BOM	NMIL	2	0.002896	0.005792
38	B200110336	BOM	NMIL	1	0.002032	0.002032
39	B200110348	BOM	NMIL	1	0.002896	0.002896
40	B200110422	BOM	NMIL	1	0.002896	0.002896
41	B200110452	BOM	NMIL	1	0.002896	0.002896
42	B200110473	BOM	NMIL	1	0.002896	0.002896
43	B200110729	BOM	NMIL	7	0.002026	0.014182
44	B200110730	BOM	NMIL	2	0.002026	0.004052
45	B200110731	BOM	NMIL	1	0.002026	0.002026
46	B200110733	BOM	NMIL	14	0.002026	0.028364
47	B200110738	BOM	NMIL	8	0.002026	0.016208
48	B200110739	BOM	NMIL	1	0.002026	0.002026
49	B200110772	BOM	NMIL	1	0.002026	0.002026
50	B200110775	BOM	NMIL	1	0.002026	0.002026
51	B200110794	BOM	NMIL	1	0.002026	0.002026
52	B200110807	BOM	NMIL	1	0.002026	0.002026
53	B200110808	BOM	NMIL	6	0.002026	0.012156
54	B200110811	BOM	NMIL	1	0.002026	0.002026
55	B200110812	BOM	NMIL	1	0.002026	0.002026
56	B200110813	BOM	NMIL	1	0.002026	0.002026
57	B200110814	BOM	NMIL	3	0.002026	0.006078
58	B200110816	BOM	NMIL	1	0.002026	0.002026
59	B200110828	BOM	NMIL	1	0.002026	0.002026
60	B200110829	BOM	NMIL	3	0.003716	0.011148
61	B200110830	BOM	NMIL	1	0.002026	0.002026
62	B200110831	BOM	NMIL	3	0.002026	0.006078
63	B200110832	BOM	NMIL	1	0.002026	0.002026
64	B200110835	BOM	NMIL	2	0.002026	0.004052

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65	B200110837	BOM	NMIL	1	0.002026	0.002026
66	B200110838	BOM	NMIL	1	0.002026	0.002026
67	B200110845	BOM	NMIL	1	0.002026	0.002026
68	B200111076	BOM	NMIL	1	0.002026	0.002026
69	B200111104	BOM	NMIL	1	0.002026	0.002026
70	B200111105	BOM	NMIL	1	0.002026	0.002026
71	B200120198	BOM	NMIL	1	0.004848	0.004848
72	B200160011	BOM	NMIL	1	0.007893	0.007893
73	B200160017	BOM	NMIL	1	0.004760	0.004760
74	B200170019	BOM	NMIL	2	0.003721	0.007442
75	B200170029	BOM	NMIL	2	0.003721	0.007442
76	B200170071	BOM	NMIL	4	0.003177	0.012708
77	B200170072	BOM	NMIL	3	0.003721	0.011163
78	B200180086	BOM	NMIL	1	0.001424	0.001424
79	B200180095	BOM	NMIL	1	0.001907	0.001907
80	B200180098	BOM	NMIL	1	0.001845	0.001845
81	B200190092	BOM	NMIL	1	0.013460	0.013460
82	B200190093	BOM	NMIL	1	0.011714	0.011714
83	B200200092	BOM	NMIL	1	0.009620	0.009620
84	B200200094	BOM	NMIL	1	0.004508	0.004508
85	B200200116	BOM	NMIL	2	0.004199	0.008398
86	B200200119	BOM	NMIL	1	0.004827	0.004827
87	B200200123	BOM	NMIL	1	0.003413	0.003413
88	B200200140	BOM	NMIL	1	0.003664	0.003664
89	B200200142	BOM	NMIL	4	0.007306	0.029224
90	B200200205	BOM	NMIL	1	0.007820	0.007820
91	B200200207	BOM	NMIL	1	0.005166	0.005166
92	B200200208	BOM	NMIL	11	0.006356	0.069916
93	B200200210	BOM	NMIL	1	0.007820	0.007820
94	B200200213	BOM	NMIL	1	0.003924	0.003924
95	B200220053	BOM	NMIL	1	0.001253	0.001253
96	B200220083	BOM	NMIL	4	0.001253	0.005012
97	B200230198	BOM	NMIL	2	0.010543	0.021086
98	B200230210	BOM	NMIL	1	0.008794	0.008794
99	B200230288	BOM	NMIL	2	0.001248	0.002496
100	B200230336	BOM	NMIL	2	0.001779	0.003558
101	B200230338	BOM	NMIL	2	0.002034	0.004068
102	B200230350	BOM	NMIL	4	0.023765	0.095060
103	B200230378	BOM	NMIL	2	0.013935	0.027870
104	B200230433	BOM	NMIL	1	0.011340	0.011340

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105	B200230491	BOM	NMIL	3	0.013030	0.039090
106	B200230497	BOM	NMIL	3	0.013038	0.039114
107	B200230508	BOM	NMIL	2	0.011340	0.022680
108	B200250009	BOM	NMIL	1	0.012238	0.012238
109	B200250016	BOM	NMIL	2	0.018440	0.036880
110	B200260403	BOM	NMIL	2	0.019936	0.039872
111	B200260404	BOM	NMIL	1	0.019936	0.019936
112	B200280018	BOM	NMIL	3	0.000538	0.001614
113	B200290005	BOM	NMIL	1	0.002901	0.002901
114	B200300382	BOM	NMIL	1	0.005228	0.005228
115	B200300466	BOM	NMIL	1	0.004007	0.004007
116	B200300467	BOM	NMIL	1	0.004154	0.004154
117	B200300468	BOM	NMIL	1	0.024784	0.024784
118	B200310019	BOM	NMIL	1	0.005232	0.005232
119	B200330002	BOM	NMIL	2	0.009524	0.019048
120	B200370005	BOM	NMIL	1	0.001091	0.001091
121	B200370086	BOM	NMIL	1	0.001671	0.001671
122	B210010019	BOM	NMIL	1	0.033277	0.033277
123	B210060136	BOM	NMIL	1	0.024396	0.024396
124	B210090233	BOM	SPECIAL	1	2.091040	2.091040
125	B210160059	BOM	NMIL	1	0.010000	0.010000
126	B210192599	BOM	NMIL	1	0.022173	0.022173

Total Failure Rate (F/10⁶Hrs) : 5.484607
Mean Time (in hours) Between Failures (MTBF) : **182,328**