



ZIPPY TECHNOLOGY CORP.

**Mean Time Between Failures
PREDICTION REPORT**

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : P1H-5701G(RoHS)

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-28-2017 Time : 16:36:18
End Item Title : P1H SERIES MTBF
End Item Part Number : P1H-5701G(RoHS)
P1H-5701G(RoHS) MTBF : 196,238
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1H / MTBF
Module Reference Designation : P1H
Environmental Condition : GB
Ambient Temperature: 25°C

P1H-5701G(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102710132	BOM	SPECIAL	1	0.474869	0.474869
2	B103210004	BOM	SPECIAL	1	0.079554	0.079554
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	B200000242	BOM	NMIL	1	0.015207	0.015207
8	B200000308	BOM	NMIL	4	0.013289	0.053156
9	B200000321	BOM	NMIL	1	0.007024	0.007024
10	B200000333	BOM	NMIL	2	0.005806	0.011612
11	B200000455	BOM	NMIL	1	0.008308	0.008308
12	B200010009	BOM	NMIL	1	0.000971	0.000971
13	B200010022	BOM	NMIL	3	0.000453	0.001359
14	B200010052	BOM	NMIL	4	0.000337	0.001348
15	B200010087	BOM	NMIL	2	0.008014	0.016028
16	B200010242	BOM	NMIL	2	0.065527	0.131054
17	B200010258	BOM	NMIL	4	0.065527	0.262108
18	B200010259	BOM	NMIL	2	0.065527	0.131054
19	B200020024	BOM	NMIL	12	0.002332	0.027984
20	B200020034	BOM	NMIL	1	0.016175	0.016175
21	B200030056	BOM	NMIL	1	0.002308	0.002308
22	B200030069	BOM	NMIL	1	0.002308	0.002308
23	B200030077	BOM	NMIL	1	0.002308	0.002308
24	B200030082	BOM	NMIL	1	0.002308	0.002308

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10^6Hrs)	Total Failure Rate (F/10^6Hrs)
25	B200030107	BOM	NMIL	1	0.002308	0.002308
26	B200040063	BOM	NMIL	1	0.015829	0.015829
27	B200040104	BOM	NMIL	1	0.002994	0.002994
28	B200040133	BOM	NMIL	1	0.011646	0.011646
29	B200050024	BOM	NMIL	1	0.004016	0.004016
30	B200050035	BOM	NMIL	2	0.005992	0.011984
31	B200060029	BOM	NMIL	1	0.013678	0.013678
32	B200110001	BOM	NMIL	2	0.002896	0.005792
33	B200110127	BOM	NMIL	2	0.003039	0.006078
34	B200110138	BOM	NMIL	1	0.002896	0.002896
35	B200110149	BOM	NMIL	2	0.002896	0.005792
36	B200110336	BOM	NMIL	1	0.002032	0.002032
37	B200110348	BOM	NMIL	1	0.002896	0.002896
38	B200110422	BOM	NMIL	1	0.002896	0.002896
39	B200110452	BOM	NMIL	1	0.002896	0.002896
40	B200110473	BOM	NMIL	1	0.002896	0.002896
41	B200110729	BOM	NMIL	7	0.002026	0.014182
42	B200110730	BOM	NMIL	2	0.002026	0.004052
43	B200110731	BOM	NMIL	1	0.002026	0.002026
44	B200110733	BOM	NMIL	14	0.002026	0.028364
45	B200110738	BOM	NMIL	8	0.002026	0.016208
46	B200110739	BOM	NMIL	1	0.002026	0.002026
47	B200110772	BOM	NMIL	1	0.002026	0.002026
48	B200110775	BOM	NMIL	1	0.002026	0.002026
49	B200110794	BOM	NMIL	1	0.002026	0.002026
50	B200110807	BOM	NMIL	1	0.002026	0.002026
51	B200110808	BOM	NMIL	6	0.002026	0.012156
52	B200110811	BOM	NMIL	1	0.002026	0.002026
53	B200110812	BOM	NMIL	1	0.002026	0.002026
54	B200110813	BOM	NMIL	1	0.002026	0.002026
55	B200110814	BOM	NMIL	3	0.002026	0.006078
56	B200110816	BOM	NMIL	1	0.002026	0.002026
57	B200110828	BOM	NMIL	1	0.002026	0.002026
58	B200110829	BOM	NMIL	3	0.003716	0.011148
59	B200110830	BOM	NMIL	1	0.002026	0.002026
60	B200110831	BOM	NMIL	3	0.002026	0.006078
61	B200110832	BOM	NMIL	1	0.002026	0.002026
62	B200110835	BOM	NMIL	2	0.002026	0.004052
63	B200110837	BOM	NMIL	1	0.002026	0.002026
64	B200110845	BOM	NMIL	1	0.002026	0.002026

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
65	B200110867	BOM	NMIL	1	0.002026	0.002026
66	B200111076	BOM	NMIL	1	0.002026	0.002026
67	B200111104	BOM	NMIL	1	0.002026	0.002026
68	B200111105	BOM	NMIL	1	0.002026	0.002026
69	B200120198	BOM	NMIL	1	0.004848	0.004848
70	B200160011	BOM	NMIL	1	0.007893	0.007893
71	B200160017	BOM	NMIL	1	0.004760	0.004760
72	B200170019	BOM	NMIL	2	0.003721	0.007442
73	B200170029	BOM	NMIL	2	0.003721	0.007442
74	B200170071	BOM	NMIL	4	0.003177	0.012708
75	B200170072	BOM	NMIL	3	0.003721	0.011163
76	B200180086	BOM	NMIL	1	0.001424	0.001424
77	B200180095	BOM	NMIL	1	0.001907	0.001907
78	B200180098	BOM	NMIL	1	0.001845	0.001845
79	B200190092	BOM	NMIL	1	0.013460	0.013460
80	B200190093	BOM	NMIL	1	0.011714	0.011714
81	B200200092	BOM	NMIL	1	0.009620	0.009620
82	B200200094	BOM	NMIL	1	0.004508	0.004508
83	B200200116	BOM	NMIL	2	0.004199	0.008398
84	B200200119	BOM	NMIL	1	0.004827	0.004827
85	B200200123	BOM	NMIL	1	0.003413	0.003413
86	B200200140	BOM	NMIL	1	0.003664	0.003664
87	B200200142	BOM	NMIL	4	0.007306	0.029224
88	B200200205	BOM	NMIL	1	0.007820	0.007820
89	B200200207	BOM	NMIL	1	0.005166	0.005166
90	B200200208	BOM	NMIL	11	0.006356	0.069916
91	B200200210	BOM	NMIL	1	0.007820	0.007820
92	B200200213	BOM	NMIL	1	0.003924	0.003924
93	B200220053	BOM	NMIL	1	0.001253	0.001253
94	B200220083	BOM	NMIL	4	0.001253	0.005012
95	B200230198	BOM	NMIL	2	0.010543	0.021086
96	B200230210	BOM	NMIL	1	0.008794	0.008794
97	B200230288	BOM	NMIL	2	0.001248	0.002496
98	B200230336	BOM	NMIL	2	0.001779	0.003558
99	B200230338	BOM	NMIL	2	0.002034	0.004068
100	B200230350	BOM	NMIL	4	0.023765	0.095060
101	B200230378	BOM	NMIL	2	0.013935	0.027870
102	B200230433	BOM	NMIL	1	0.011340	0.011340
103	B200230491	BOM	NMIL	3	0.013030	0.039090
104	B200230497	BOM	NMIL	3	0.013038	0.039114

ZIPPY TECHNOLOGY CORP.
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
105	B200230508	BOM	NMIL	2	0.011340	0.022680
106	B200250009	BOM	NMIL	1	0.012238	0.012238
107	B200250016	BOM	NMIL	2	0.018440	0.036880
108	B200260403	BOM	NMIL	2	0.019936	0.039872
109	B200260404	BOM	NMIL	1	0.019936	0.019936
110	B200280018	BOM	NMIL	3	0.000538	0.001614
111	B200290005	BOM	NMIL	1	0.002901	0.002901
112	B200300382	BOM	NMIL	1	0.005228	0.005228
113	B200300466	BOM	NMIL	1	0.004007	0.004007
114	B200300467	BOM	NMIL	1	0.004154	0.004154
115	B200300468	BOM	NMIL	1	0.024784	0.024784
116	B200310019	BOM	NMIL	1	0.005232	0.005232
117	B200330002	BOM	NMIL	2	0.009524	0.019048
118	B200370005	BOM	NMIL	1	0.001091	0.001091
119	B200370086	BOM	NMIL	1	0.001671	0.001671
120	B210010019	BOM	NMIL	1	0.033277	0.033277
121	B210060136	BOM	NMIL	1	0.024396	0.024396
122	B210090233	BOM	SPECIAL	1	2.091040	2.091040
123	B210160059	BOM	NMIL	1	0.010000	0.010000
124	B210192599	BOM	NMIL	1	0.022173	0.022173

Total Failure Rate (F/10⁶Hrs) : 5.095849
Mean Time (in hours) Between Failures (MTBF) : 196,238