



ZIPPY TECHNOLOGY CORP.

**Mean Time Between Failures
PREDICTION REPORT**

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : H1M-5600V(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-05-2018 Time : 14:25:55
End Item Title : H1M SERIES MTBF
End Item Part Number : H1M-5600V(RoHS)
H1M-5600V(RoHS) MTBF : 105,875
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : H1M / MTBF
Module Reference Designation : H1M
Environmental Condition : GB
Ambient Temperature: 25°C

H1M-5600V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102130002	BOM	NMIL	1	0.074349	0.074349
2	B102560003	BOM	NMIL	1	0.331104	0.331104
3	B102600002	BOM	NMIL	1	0.216158	0.216158
4	B102600004	BOM	NMIL	1	0.331104	0.331104
5	B200000001	BOM	SPECIAL	3	0.094935	0.284805
6	B200000058	BOM	SPECIAL	1	0.094935	0.094935
7	B200000080	BOM	SPECIAL	2	0.094935	0.189870
8	B200000092	BOM	SPECIAL	1	0.105720	0.105720
9	B200000252	BOM	SPECIAL	1	0.094935	0.094935
10	B200000309	BOM	SPECIAL	1	0.094935	0.094935
11	B200000321	BOM	SPECIAL	1	0.094935	0.094935
12	B200010004	BOM	NMIL	2	0.034965	0.069930
13	B200010022	BOM	NMIL	1	0.000798	0.000798
14	B200010056	BOM	NMIL	4	0.000798	0.003192
15	B200010067	BOM	NMIL	2	0.000798	0.001596
16	B200010080	BOM	NMIL	3	0.034965	0.104895
17	B200010081	BOM	NMIL	2	0.034965	0.069930
18	B200010083	BOM	NMIL	2	0.000889	0.001778
19	B200010084	BOM	NMIL	1	0.034965	0.034965
20	B200020004	BOM	NMIL	10	0.005156	0.051560
21	B200020021	BOM	NMIL	1	0.005156	0.005156
22	B200030019	BOM	NMIL	1	0.018136	0.018136
23	B200040063	BOM	NMIL	1	0.020196	0.020196
24	B200050024	BOM	NMIL	1	0.005156	0.005156

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25	B200050039	BOM	NMIL	1	0.005156	0.005156
26	B200050040	BOM	NMIL	2	0.005156	0.010312
27	B200050063	BOM	NMIL	1	0.129691	0.129691
28	B200060009	BOM	NMIL	1	0.021817	0.021817
29	B200110001	BOM	NMIL	3	0.004650	0.013950
30	B200110035	BOM	NMIL	3	0.004650	0.013950
31	B200110040	BOM	NMIL	1	0.004650	0.004650
32	B200110042	BOM	NMIL	1	0.004650	0.004650
33	B200110046	BOM	NMIL	4	0.004650	0.018600
34	B200110120	BOM	NMIL	1	0.004650	0.004650
35	B200110123	BOM	NMIL	3	0.004650	0.013950
36	B200110127	BOM	NMIL	3	0.007440	0.022320
37	B200110172	BOM	NMIL	1	0.004650	0.004650
38	B200110192	BOM	NMIL	1	0.004650	0.004650
39	B200110261	BOM	NMIL	1	0.004650	0.004650
40	B200110282	BOM	NMIL	2	0.004650	0.009300
41	B200110303	BOM	NMIL	4	0.005115	0.020460
42	B200110317	BOM	NMIL	2	0.004650	0.009300
43	B200110322	BOM	NMIL	1	0.004650	0.004650
44	B200110343	BOM	NMIL	1	0.004650	0.004650
45	B200110489	BOM	NMIL	2	0.004650	0.009300
46	B200110491	BOM	NMIL	2	0.004650	0.009300
47	B200110503	BOM	NMIL	1	0.005115	0.005115
48	B200110506	BOM	NMIL	1	0.004650	0.004650
49	B200110510	BOM	NMIL	1	0.004650	0.004650
50	B200110512	BOM	NMIL	2	0.004650	0.009300
51	B200110519	BOM	NMIL	1	0.004650	0.004650
52	B200110523	BOM	NMIL	1	0.004650	0.004650
53	B200110524	BOM	NMIL	2	0.004650	0.009300
54	B200110529	BOM	NMIL	9	0.004650	0.041850
55	B200110541	BOM	NMIL	1	0.004650	0.004650
56	B200110544	BOM	NMIL	1	0.004650	0.004650
57	B200110549	BOM	NMIL	2	0.004650	0.009300
58	B200110550	BOM	NMIL	2	0.004650	0.009300
59	B200110551	BOM	NMIL	1	0.004650	0.004650
60	B200110553	BOM	NMIL	1	0.004650	0.004650
61	B200110554	BOM	NMIL	9	0.004650	0.041850
62	B200110584	BOM	NMIL	3	0.004650	0.013950
63	B200110593	BOM	NMIL	1	0.004650	0.004650
64	B200110594	BOM	NMIL	1	0.004650	0.004650

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65	B200110596	BOM	NMIL	1	0.004650	0.004650
66	B200110597	BOM	NMIL	1	0.004650	0.004650
67	B200120009	BOM	NMIL	1	0.037500	0.037500
68	B200120015	BOM	NMIL	1	0.041250	0.041250
69	B200120118	BOM	NMIL	2	0.018000	0.036000
70	B200120154	BOM	NMIL	1	0.019800	0.019800
71	B200120160	BOM	NMIL	1	0.016500	0.016500
72	B200140006	BOM	NMIL	1	0.033000	0.033000
73	B200170019	BOM	NMIL	2	0.005156	0.010312
74	B200170020	BOM	NMIL	2	0.005156	0.010312
75	B200180015	BOM	N/A	1	0.008823	0.008823
76	B200180075	BOM	N/A	1	0.008823	0.008823
77	B200190022	BOM	N/A	1	0.019448	0.019448
78	B200190033	BOM	N/A	1	0.019448	0.019448
79	B200200006	BOM	N/A	4	0.007188	0.028752
80	B200200012	BOM	N/A	1	0.009260	0.009260
81	B200200017	BOM	N/A	16	0.011929	0.190864
82	B200200021	BOM	N/A	1	0.015367	0.015367
83	B200200060	BOM	N/A	3	0.013010	0.039030
84	B200200061	BOM	N/A	4	0.008522	0.034088
85	B200200062	BOM	N/A	2	0.007839	0.015678
86	B200200071	BOM	N/A	1	0.006085	0.006085
87	B200200093	BOM	N/A	1	0.018219	0.018219
88	B200220021	BOM	N/A	1	0.002352	0.002352
89	B200220042	BOM	N/A	4	0.012692	0.050768
90	B200230036	BOM	N/A	2	0.055139	0.110278
91	B200230198	BOM	N/A	6	0.063546	0.381276
92	B200230210	BOM	N/A	2	0.055139	0.110278
93	B200230217	BOM	N/A	2	0.046838	0.093676
94	B200230275	BOM	N/A	3	0.031801	0.095403
95	B200230288	BOM	N/A	1	0.021011	0.021011
96	B200230351	BOM	N/A	2	0.179936	0.359872
97	B200250009	BOM	NMIL	1	0.092270	0.092270
98	B200250012	BOM	NMIL	1	0.092270	0.092270
99	B200260195	BOM	NMIL	1	0.098053	0.098053
100	B200260204	BOM	NMIL	1	0.098053	0.098053
101	B200260215	BOM	NMIL	1	0.098053	0.098053
102	B200260228	BOM	NMIL	1	0.098053	0.098053
103	B200280013	BOM	NMIL	2	0.015958	0.031916

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104	B200300219	BOM	NMIL	1	0.024068	0.024068
105	B200300236	BOM	NMIL	1	0.024068	0.024068
106	B200300244	BOM	NMIL	1	0.024068	0.024068
107	B200300245	BOM	NMIL	1	0.024068	0.024068
108	B200310007	BOM	NMIL	1	0.034076	0.034076
109	B210090140	BOM	KNOWNFR	2	1.995000	3.990000
110	B210160002	BOM	N/A	1	0.010000	0.010000
111	B210190696	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 9.445075
Mean Time (in hours) Between Failures (MTBF) : **105,875**