

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

Date : JAN-16-2013 Time : 09:54:46
End Item Title : BP1H SERIES MTBF
End Item Part Number : BP1H-5420V (RoHS)
BP1H-5420V (RoHS) MTBF : 133,700
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : BP1H / MTBF
Module Reference Designation : BP1H
Environmental Condition : GB
Ambient Temperature: 25°C

BP1H-5420V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102970002	BOM	NMIL	1	0.074349	0.074349
2	B103130003	BOM	NMIL	1	0.339420	0.339420
3	B103130004	BOM	NMIL	1	0.339420	0.339420
4	B103210004	BOM	NMIL	1	0.065162	0.065162
5	B103280002	BOM	NMIL	1	0.339591	0.339591
6	B200000001	BOM	SPECIAL	4	0.094935	0.379740
7	B200000058	BOM	SPECIAL	1	0.094935	0.094935
8	B200000144	BOM	SPECIAL	1	0.094935	0.094935
9	B200000197	BOM	SPECIAL	1	0.094935	0.094935
10	B200000207	BOM	SPECIAL	3	0.094935	0.284805
11	B200000247	BOM	SPECIAL	1	0.094935	0.094935
12	B200000252	BOM	SPECIAL	1	0.094935	0.094935
13	B200000257	BOM	SPECIAL	1	0.094935	0.094935
14	B200000316	BOM	SPECIAL	1	0.094935	0.094935
15	B200000351	BOM	SPECIAL	1	0.094935	0.094935
16	B200010009	BOM	NMIL	1	0.000798	0.000798
17	B200010022	BOM	NMIL	2	0.000798	0.001596
18	B200010052	BOM	NMIL	2	0.000798	0.001596
19	B200010056	BOM	NMIL	2	0.000798	0.001596
20	B200010066	BOM	NMIL	1	0.029784	0.029784
21	B200010067	BOM	NMIL	3	0.000798	0.002394
22	B200010080	BOM	NMIL	4	0.029784	0.119136
23	B200010088	BOM	NMIL	1	0.029784	0.029784
24	B200010112	BOM	NMIL	2	0.029784	0.059568

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25	B200010122	BOM	NMIL	1	0.029784	0.029784
26	B200010153	BOM	NMIL	2	0.029784	0.059568
27	B200020004	BOM	NMIL	11	0.005156	0.056716
28	B200020016	BOM	NMIL	2	0.005156	0.010312
29	B200030003	BOM	NMIL	2	0.007617	0.015234
30	B200030018	BOM	NMIL	1	0.007617	0.007617
31	B200030019	BOM	NMIL	1	0.001995	0.001995
32	B200030030	BOM	NMIL	1	0.003446	0.003446
33	B200040015	BOM	NMIL	2	0.005967	0.011934
34	B200040063	BOM	NMIL	1	0.015283	0.015283
35	B200040094	BOM	NMIL	1	0.007502	0.007502
36	B200050024	BOM	NMIL	1	0.005218	0.005218
37	B200050036	BOM	NMIL	2	0.005218	0.010436
38	B200050039	BOM	NMIL	1	0.005218	0.005218
39	B200050040	BOM	NMIL	1	0.005218	0.005218
40	B200110042	BOM	NMIL	9	0.004650	0.041850
41	B200110046	BOM	NMIL	4	0.004650	0.018600
42	B200110123	BOM	NMIL	6	0.004650	0.027900
43	B200110172	BOM	NMIL	2	0.004650	0.009300
44	B200110176	BOM	NMIL	2	0.004650	0.009300
45	B200110192	BOM	NMIL	5	0.004650	0.023250
46	B200110261	BOM	NMIL	1	0.004650	0.004650
47	B200110279	BOM	NMIL	4	0.004650	0.018600
48	B200110282	BOM	NMIL	4	0.004650	0.018600
49	B200110302	BOM	NMIL	1	0.005115	0.005115
50	B200110317	BOM	NMIL	2	0.004650	0.009300
51	B200110343	BOM	NMIL	1	0.004650	0.004650
52	B200110489	BOM	NMIL	1	0.004650	0.004650
53	B200110491	BOM	NMIL	2	0.004650	0.009300
54	B200110493	BOM	NMIL	1	0.005115	0.005115
55	B200110494	BOM	NMIL	1	0.004650	0.004650
56	B200110496	BOM	NMIL	1	0.004650	0.004650
57	B200110501	BOM	NMIL	2	0.004650	0.009300
58	B200110508	BOM	NMIL	3	0.004650	0.013950
59	B200110509	BOM	NMIL	1	0.004650	0.004650
60	B200110510	BOM	NMIL	1	0.004650	0.004650
61	B200110512	BOM	NMIL	6	0.004650	0.027900
62	B200110514	BOM	NMIL	1	0.004650	0.004650
63	B200110519	BOM	NMIL	1	0.004650	0.004650
64	B200110523	BOM	NMIL	2	0.004650	0.009300
65	B200110524	BOM	NMIL	1	0.004650	0.004650
66	B200110525	BOM	NMIL	2	0.004650	0.009300
67	B200110529	BOM	NMIL	6	0.004650	0.027900
68	B200110542	BOM	NMIL	1	0.004650	0.004650

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69	B200110543	BOM	NMIL	2	0.004650	0.009300
70	B200110544	BOM	NMIL	1	0.004650	0.004650
71	B200110548	BOM	NMIL	1	0.004650	0.004650
72	B200110549	BOM	NMIL	1	0.004650	0.004650
73	B200110550	BOM	NMIL	2	0.004650	0.009300
74	B200110551	BOM	NMIL	2	0.004650	0.009300
75	B200110554	BOM	NMIL	10	0.004650	0.046500
76	B200110561	BOM	NMIL	1	0.004650	0.004650
77	B200110571	BOM	NMIL	1	0.004650	0.004650
78	B200110705	BOM	NMIL	1	0.004650	0.004650
79	B200110724	BOM	NMIL	2	0.004650	0.009300
80	B200120012	BOM	NMIL	1	0.007735	0.007735
81	B200120015	BOM	NMIL	1	0.008509	0.008509
82	B200120032	BOM	NMIL	1	0.006870	0.006870
83	B200120065	BOM	NMIL	1	0.007735	0.007735
84	B200120091	BOM	NMIL	1	0.007735	0.007735
85	B200140006	BOM	NMIL	1	0.035297	0.035297
86	B200160017	BOM	NMIL	1	0.065000	0.065000
87	B200160034	BOM	NMIL	1	0.105000	0.105000
88	B200170015	BOM	NMIL	4	0.004875	0.019500
89	B200170018	BOM	NMIL	2	0.004875	0.009750
90	B200170045	BOM	NMIL	2	0.002163	0.004326
91	B200190031	BOM	N/A	1	0.017894	0.017894
92	B200200006	BOM	N/A	5	0.007144	0.035720
93	B200200012	BOM	N/A	3	0.009203	0.027609
94	B200200017	BOM	N/A	17	0.011856	0.201552
95	B200200053	BOM	N/A	1	0.014056	0.014056
96	B200200060	BOM	N/A	3	0.012930	0.038790
97	B200200061	BOM	N/A	1	0.008470	0.008470
98	B200200062	BOM	N/A	2	0.007791	0.015582
99	B200200071	BOM	N/A	1	0.006048	0.006048
100	B200200078	BOM	N/A	1	0.010037	0.010037
101	B200200094	BOM	N/A	3	0.007791	0.023373
102	B200200101	BOM	N/A	1	0.016657	0.016657
103	B200220020	BOM	N/A	1	0.002337	0.002337
104	B200220028	BOM	N/A	5	0.002647	0.013235
105	B200230198	BOM	N/A	4	0.055216	0.220864
106	B200230210	BOM	N/A	3	0.047911	0.143733
107	B200230277	BOM	N/A	2	0.039359	0.078718
108	B200230337	BOM	N/A	2	0.020913	0.041826
109	B200230338	BOM	N/A	2	0.027632	0.055264
110	B200230377	BOM	N/A	2	0.027115	0.054230
111	B200230379	BOM	N/A	5	0.034667	0.173335
112	B200230415	BOM	N/A	2	0.043162	0.086324

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113	B200240003	BOM	N/A	1	0.052174	0.052174
114	B200250009	BOM	NMIL	1	0.021969	0.021969
115	B200250016	BOM	NMIL	2	0.078597	0.157194
116	B200260215	BOM	NMIL	1	0.041699	0.041699
117	B200260271	BOM	NMIL	1	0.041699	0.041699
118	B200260318	BOM	NMIL	1	0.041699	0.041699
119	B200300219	BOM	NMIL	1	0.003648	0.003648
120	B200300236	BOM	NMIL	1	0.003648	0.003648
121	B200300318	BOM	NMIL	1	0.024800	0.024800
122	B200300324	BOM	NMIL	1	0.003648	0.003648
123	B210090143	BOM	KNOWNFR	1	1.953242	1.953242
124	B210160052	BOM	N/A	2	0.010000	0.020000
125	B210191256	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10 ⁶ Hrs) :	7.479449
Mean Time (in hours) Between Failures (MTBF) :	133,700