

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 : OCT-01-2013 Time : 11:03:32
End Item Title : BP1P SERIES MTBF
End Item Part Number : BP1P-5220V (RoHS)
BP1P-5220V (RoHS) MTBF : 182,386
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : BP1P / MTBF
Module Reference Designation : BP1P
Environmental Condition : GB
Ambient Temperature: 25°C

BP1P-5220V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B103010003	BOM	NMIL	1	0.018942	0.018942
2	B103230003	BOM	NMIL	1	0.220942	0.220942
3	B104430007	BOM	NMIL	1	0.347736	0.347736
4	B105230002	BOM	NMIL	1	0.027618	0.027618
5	B200000001	BOM	SPECIAL	4	0.094935	0.379740
6	B200000207	BOM	SPECIAL	1	0.094935	0.094935
7	B200000242	BOM	SPECIAL	2	0.094935	0.189870
8	B200000377	BOM	SPECIAL	1	0.094935	0.094935
9	B200000545	BOM	SPECIAL	1	0.094935	0.094935
10	B200010009	BOM	NMIL	1	0.000798	0.000798
11	B200010022	BOM	NMIL	1	0.000798	0.000798
12	B200010080	BOM	NMIL	2	0.031398	0.062796
13	B200010088	BOM	NMIL	1	0.031398	0.031398
14	B200010109	BOM	NMIL	3	0.000798	0.002394
15	B200010132	BOM	NMIL	2	0.031398	0.062796
16	B200010133	BOM	NMIL	2	0.031398	0.062796
17	B200010192	BOM	NMIL	1	0.000798	0.000798
19	B200020024	BOM	NMIL	13	0.005156	0.067028
20	B200030018	BOM	NMIL	5	0.007617	0.038085
21	B200030030	BOM	NMIL	1	0.003446	0.003446
22	B200040015	BOM	NMIL	1	0.005967	0.005967
23	B200040029	BOM	NMIL	1	0.005967	0.005967
24	B200040056	BOM	NMIL	1	0.016111	0.016111
25	B200050024	BOM	NMIL	1	0.005218	0.005218

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26	B200050027	BOM	NMIL	3	0.005218	0.015654
27	B200050036	BOM	NMIL	2	0.005218	0.010436
28	B200050041	BOM	NMIL	1	0.005218	0.005218
29	B200110001	BOM	NMIL	1	0.004650	0.004650
30	B200110035	BOM	NMIL	1	0.004650	0.004650
31	B200110042	BOM	NMIL	4	0.004650	0.018600
32	B200110046	BOM	NMIL	2	0.004650	0.009300
33	B200110073	BOM	NMIL	2	0.005115	0.010230
34	B200110087	BOM	NMIL	3	0.004650	0.013950
35	B200110120	BOM	NMIL	1	0.004650	0.004650
36	B200110123	BOM	NMIL	4	0.004650	0.018600
37	B200110190	BOM	NMIL	2	0.004650	0.009300
38	B200110192	BOM	NMIL	4	0.004650	0.018600
39	B200110235	BOM	NMIL	1	0.004650	0.004650
40	B200110259	BOM	NMIL	1	0.004650	0.004650
41	B200110279	BOM	NMIL	2	0.004650	0.009300
42	B200110317	BOM	NMIL	1	0.004650	0.004650
43	B200110347	BOM	NMIL	1	0.004650	0.004650
44	B200110491	BOM	NMIL	1	0.004650	0.004650
45	B200110494	BOM	NMIL	1	0.004650	0.004650
46	B200110498	BOM	NMIL	1	0.004650	0.004650
47	B200110501	BOM	NMIL	1	0.004650	0.004650
48	B200110503	BOM	NMIL	1	0.005115	0.005115
49	B200110524	BOM	NMIL	1	0.004650	0.004650
50	B200110528	BOM	NMIL	1	0.004650	0.004650
51	B200110543	BOM	NMIL	1	0.004650	0.004650
52	B200110545	BOM	NMIL	1	0.004650	0.004650
53	B200110550	BOM	NMIL	2	0.004650	0.009300
54	B200110554	BOM	NMIL	1	0.004650	0.004650
55	B200110561	BOM	NMIL	4	0.004650	0.018600
56	B200110571	BOM	NMIL	1	0.004650	0.004650
57	B200110588	BOM	NMIL	2	0.004650	0.009300
58	B200110598	BOM	NMIL	2	0.004650	0.009300
59	B200110664	BOM	NMIL	1	0.004650	0.004650
60	B200110694	BOM	NMIL	1	0.004650	0.004650
61	B200110799	BOM	NMIL	1	0.004650	0.004650
62	B200120015	BOM	NMIL	1	0.007557	0.007557
63	B200120102	BOM	NMIL	1	0.005425	0.005425
64	B200120174	BOM	NMIL	1	0.004820	0.004820
65	B200160034	BOM	NMIL	1	0.065000	0.065000
66	B200170013	BOM	NMIL	2	0.002280	0.004560
67	B200170015	BOM	NMIL	1	0.004875	0.004875
68	B200170023	BOM	NMIL	2	0.004875	0.009750
69	B200190031	BOM	N/A	1	0.017894	0.017894

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70	B200200021	BOM	N/A	3	0.015274	0.045822
71	B200200061	BOM	N/A	2	0.008470	0.016940
72	B200200083	BOM	N/A	1	0.007144	0.007144
73	B200200089	BOM	N/A	2	0.016657	0.033314
74	B200200153	BOM	N/A	2	0.009203	0.018406
75	B200200156	BOM	N/A	2	0.011856	0.023712
76	B200200158	BOM	N/A	1	0.007791	0.007791
77	B200220018	BOM	N/A	2	0.012681	0.025362
78	B200220021	BOM	N/A	1	0.002337	0.002337
79	B200220028	BOM	N/A	1	0.013891	0.013891
80	B200220041	BOM	N/A	1	0.011536	0.011536
81	B200220053	BOM	N/A	1	0.013313	0.013313
82	B200230198	BOM	N/A	2	0.058210	0.116420
83	B200230210	BOM	N/A	5	0.050508	0.252540
84	B200230338	BOM	N/A	3	0.029130	0.087390
85	B200230347	BOM	N/A	1	0.019246	0.019246
86	B200230370	BOM	N/A	1	0.046540	0.046540
87	B200230377	BOM	N/A	2	0.028585	0.057170
88	B200250001	BOM	NMIL	1	0.023160	0.023160
89	B200250016	BOM	NMIL	3	0.023160	0.069480
90	B200250021	BOM	NMIL	1	0.023160	0.023160
91	B200260046	BOM	NMIL	1	0.027440	0.027440
92	B200260234	BOM	NMIL	1	0.027440	0.027440
93	B200260271	BOM	NMIL	1	0.027440	0.027440
94	B200260280	BOM	NMIL	1	0.027440	0.027440
95	B200280012	BOM	NMIL	1	0.015958	0.015958
96	B200300236	BOM	NMIL	1	0.003845	0.003845
97	B200300302	BOM	NMIL	1	0.026144	0.026144
98	B200300411	BOM	NMIL	1	0.003845	0.003845
99	B210090122	BOM	KNOWNFR	1	2.134055	2.134055
100	B210160052	BOM	N/A	1	0.010000	0.010000
101	B210192004	N/A	STANDARD	1	0.024851	0.024851

Total Failure Rate (F/10⁶Hrs) : 5.482865
Mean Time (in hours) Between Failures (MTBF) : **182,386**