

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 : MAR-01-2012 Time : 10:55:41
End Item Title : M1P SERIES MTBF
End Item Part Number : M1P-2500V (RoHS)
M1P-2500V (RoHS) MTBF : 171,810
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1P / MTBF
Module Reference Designation : M1P
Environmental Condition : GB
Ambient Temperature: 25°C

M1P-2500V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102330004	BOM	NMIL	1	0.069564	0.069564
2	B103120002	BOM	NMIL	1	0.290448	0.290448
3	B103210004	BOM	NMIL	1	0.065162	0.065162
4	B103950002	BOM	NMIL	1	0.132621	0.132621
5	B103950003	BOM	NMIL	1	0.220943	0.220943
6	B200000001	BOM	SPECIAL	3	0.094935	0.284805
7	B200000080	BOM	SPECIAL	2	0.094935	0.189870
8	B200000144	BOM	SPECIAL	1	0.094935	0.094935
9	B200000268	BOM	SPECIAL	1	0.094935	0.094935
10	B200000272	BOM	SPECIAL	1	0.094935	0.094935
11	B200000364	BOM	SPECIAL	1	0.094935	0.094935
12	B200010022	BOM	NMIL	1	0.000162	0.000162
13	B200010052	BOM	NMIL	1	0.000121	0.000121
14	B200010057	BOM	NMIL	2	0.041400	0.082800
15	B200010067	BOM	NMIL	2	0.004410	0.008820
16	B200010083	BOM	NMIL	1	0.007245	0.007245
17	B200010141	BOM	NMIL	2	0.041400	0.082800
18	B200020004	BOM	NMIL	9	0.005156	0.046404
19	B200030018	BOM	NMIL	2	0.007617	0.015234
20	B200040015	BOM	NMIL	1	0.005967	0.005967
21	B200040059	BOM	NMIL	1	0.005967	0.005967
22	B200040063	BOM	NMIL	1	0.016111	0.016111
23	B200050024	BOM	NMIL	1	0.005218	0.005218
24	B200050040	BOM	NMIL	5	0.005218	0.026090

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25	B200050045	BOM	NMIL	2	0.005218	0.010436
26	B200050054	BOM	NMIL	1	0.088813	0.088813
27	B200060019	BOM	NMIL	1	0.014607	0.014607
28	B200090038	BOM	NMIL	1	0.001518	0.001518
29	B200110001	BOM	NMIL	1	0.004650	0.004650
30	B200110022	BOM	NMIL	1	0.004650	0.004650
31	B200110035	BOM	NMIL	1	0.004650	0.004650
32	B200110040	BOM	NMIL	1	0.004650	0.004650
33	B200110042	BOM	NMIL	3	0.004650	0.013950
34	B200110046	BOM	NMIL	9	0.004650	0.041850
35	B200110073	BOM	NMIL	2	0.005115	0.010230
36	B200110123	BOM	NMIL	3	0.004650	0.013950
37	B200110172	BOM	NMIL	1	0.004650	0.004650
38	B200110227	BOM	NMIL	2	0.004650	0.009300
39	B200110261	BOM	NMIL	3	0.004650	0.013950
40	B200110270	BOM	NMIL	2	0.004650	0.009300
41	B200110276	BOM	NMIL	1	0.004650	0.004650
42	B200110282	BOM	NMIL	4	0.004650	0.018600
43	B200110321	BOM	NMIL	3	0.005115	0.015345
44	B200110343	BOM	NMIL	2	0.004650	0.009300
45	B200110489	BOM	NMIL	1	0.004650	0.004650
46	B200110490	BOM	NMIL	1	0.004650	0.004650
47	B200110491	BOM	NMIL	1	0.004650	0.004650
48	B200110494	BOM	NMIL	2	0.004650	0.009300
49	B200110503	BOM	NMIL	2	0.005115	0.010230
50	B200110505	BOM	NMIL	1	0.004650	0.004650
51	B200110506	BOM	NMIL	1	0.004650	0.004650
52	B200110508	BOM	NMIL	1	0.004650	0.004650
53	B200110510	BOM	NMIL	1	0.004650	0.004650
54	B200110514	BOM	NMIL	1	0.004650	0.004650
55	B200110519	BOM	NMIL	1	0.004650	0.004650
56	B200110523	BOM	NMIL	3	0.004650	0.013950
57	B200110525	BOM	NMIL	1	0.004650	0.004650
58	B200110544	BOM	NMIL	1	0.004650	0.004650
59	B200110553	BOM	NMIL	1	0.004650	0.004650
60	B200110561	BOM	NMIL	5	0.004650	0.023250
61	B200110565	BOM	NMIL	1	0.004650	0.004650
62	B200110588	BOM	NMIL	1	0.004650	0.004650
63	B200110598	BOM	NMIL	2	0.004650	0.009300
64	B200110613	BOM	NMIL	1	0.004650	0.004650
65	B200110623	BOM	NMIL	1	0.004650	0.004650
66	B200110627	BOM	NMIL	1	0.005115	0.005115
67	B200110757	BOM	NMIL	1	0.004650	0.004650
68	B200120012	BOM	NMIL	3	0.007735	0.023205

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69	B200120017	BOM	NMIL	1	0.009576	0.009576
70	B200120101	BOM	NMIL	1	0.006105	0.006105
71	B200120160	BOM	NMIL	1	0.005425	0.005425
72	B200160011	BOM	NMIL	1	0.065000	0.065000
73	B200160017	BOM	NMIL	1	0.065000	0.065000
74	B200170020	BOM	NMIL	2	0.004875	0.009750
75	B200170021	BOM	NMIL	1	0.004875	0.004875
76	B200170026	BOM	NMIL	1	0.004875	0.004875
77	B200180075	BOM	N/A	1	0.008923	0.008923
78	B200190064	BOM	N/A	1	0.016840	0.016840
79	B200200060	BOM	N/A	1	0.012930	0.012930
80	B200200061	BOM	N/A	3	0.008470	0.025410
81	B200200064	BOM	N/A	1	0.008470	0.008470
82	B200200069	BOM	N/A	1	0.006575	0.006575
83	B200200071	BOM	N/A	1	0.006048	0.006048
84	B200200074	BOM	N/A	2	0.015274	0.030548
85	B200200083	BOM	N/A	3	0.007144	0.021432
86	B200200087	BOM	N/A	1	0.014056	0.014056
87	B200200089	BOM	N/A	1	0.016657	0.016657
88	B200200095	BOM	N/A	2	0.016657	0.033314
89	B200200101	BOM	N/A	2	0.016657	0.033314
90	B200200153	BOM	N/A	2	0.009203	0.018406
91	B200200156	BOM	N/A	3	0.011856	0.035568
92	B200200157	BOM	N/A	1	0.011856	0.011856
93	B200200158	BOM	N/A	1	0.007791	0.007791
94	B200220018	BOM	N/A	3	0.002416	0.007248
95	B200220021	BOM	N/A	1	0.002337	0.002337
96	B200220063	BOM	N/A	1	0.002416	0.002416
97	B200230198	BOM	N/A	5	0.058210	0.291050
98	B200230210	BOM	N/A	1	0.050508	0.050508
99	B200230277	BOM	N/A	1	0.041493	0.041493
100	B200230338	BOM	N/A	4	0.029130	0.116520
101	B200230347	BOM	N/A	1	0.019246	0.019246
102	B200230397	BOM	N/A	1	0.173370	0.173370
103	B200250009	BOM	NMIL	1	0.023160	0.023160
104	B200260255	BOM	NMIL	1	0.027440	0.027440
105	B200260265	BOM	NMIL	1	0.027440	0.027440
106	B200260281	BOM	NMIL	1	0.027440	0.027440
107	B200280012	BOM	NMIL	2	0.015958	0.031916
108	B200300236	BOM	NMIL	1	0.003845	0.003845
109	B200300274	BOM	NMIL	1	0.003845	0.003845
110	B200300293	BOM	NMIL	1	0.026144	0.026144
111	B200310007	BOM	NMIL	1	0.030600	0.030600
112	B210090085	BOM	KNOWNFR	1	1.995000	1.995000

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113	B210160001	BOM	N/A	1	0.010000	0.010000
114	B210191426	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10 ⁶ Hrs) :	5.820379
Mean Time (in hours) Between Failures (MTBF) :	171,810