

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 : JAN-13-2016 Time : 14:52:39
End Item Title : M1P SERIES MTBF
End Item Part Number : M1P-2500K2(RoHS)(PMBus NP1.2)
M1P-2500K2(RoHS)(PMBus NP1.2) MTBF : 196,989
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1P / MTBF
Module Reference Designation : M1P
Environmental Condition : GB
Ambient Temperature: 25°C

M1P-2500K2(RoHS)(PMBus NP1.2)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B105830002	BOM	SPECIAL	1	0.209267	0.209267
2	B105830003	BOM	SPECIAL	1	0.334998	0.334998
3	B105830004	BOM	SPECIAL	1	0.073329	0.073329
4	B105830005	BOM	SPECIAL	1	0.190893	0.190893
5	B105830006	BOM	SPECIAL	1	0.026034	0.026034
6	B200000092	BOM	NMIL	1	0.029860	0.029860
7	B200000144	BOM	NMIL	1	0.033691	0.033691
8	B200000207	BOM	NMIL	1	0.030234	0.030234
9	B200000268	BOM	NMIL	1	0.030234	0.030234
10	B200000308	BOM	NMIL	4	0.030903	0.123612
11	B200000376	BOM	NMIL	1	0.030234	0.030234
12	B200000553	BOM	NMIL	1	0.031799	0.031799
13	B200000595	BOM	NMIL	1	0.034409	0.034409
14	B200010022	BOM	NMIL	1	0.000438	0.000438
15	B200010052	BOM	NMIL	9	0.000326	0.002934
16	B200010109	BOM	NMIL	5	0.000798	0.003990
17	B200010192	BOM	NMIL	1	0.008827	0.008827
18	B200010204	BOM	NMIL	6	0.018915	0.113490
19	B200010242	BOM	NMIL	4	0.031875	0.127500
20	B200020024	BOM	NMIL	6	0.005156	0.030936
21	B200020034	BOM	NMIL	1	0.005156	0.005156
22	B200030069	BOM	NMIL	1	0.007617	0.007617
23	B200030080	BOM	NMIL	1	0.005259	0.005259
24	B200030082	BOM	NMIL	1	0.007617	0.007617

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25	B200030083	BOM	NMIL	1	0.001995	0.001995
26	B200040101	BOM	NMIL	1	0.016111	0.016111
27	B200040110	BOM	NMIL	1	0.016111	0.016111
28	B200040120	BOM	NMIL	1	0.005967	0.005967
29	B200040133	BOM	NMIL	14	0.005967	0.083538
30	B200050036	BOM	NMIL	4	0.005218	0.020872
31	B200050040	BOM	NMIL	1	0.005218	0.005218
32	B200050045	BOM	NMIL	1	0.005218	0.005218
33	B200060022	BOM	NMIL	1	0.014607	0.014607
34	B200090005	BOM	NMIL	1	0.001265	0.001265
35	B200110001	BOM	NMIL	1	0.004650	0.004650
36	B200110035	BOM	NMIL	1	0.004650	0.004650
37	B200110123	BOM	NMIL	1	0.004650	0.004650
38	B200110162	BOM	NMIL	1	0.004650	0.004650
39	B200110177	BOM	NMIL	1	0.004650	0.004650
40	B200110185	BOM	NMIL	1	0.004650	0.004650
41	B200110279	BOM	NMIL	2	0.004650	0.009300
42	B200110282	BOM	NMIL	1	0.004650	0.004650
43	B200110337	BOM	NMIL	2	0.005115	0.010230
44	B200110343	BOM	NMIL	1	0.004650	0.004650
45	B200110488	BOM	NMIL	1	0.004650	0.004650
46	B200110506	BOM	NMIL	1	0.004650	0.004650
47	B200110508	BOM	NMIL	1	0.004650	0.004650
48	B200110512	BOM	NMIL	2	0.004650	0.009300
49	B200110529	BOM	NMIL	2	0.004650	0.009300
50	B200110530	BOM	NMIL	2	0.004650	0.009300
51	B200110542	BOM	NMIL	1	0.004650	0.004650
52	B200110545	BOM	NMIL	1	0.004650	0.004650
53	B200110557	BOM	NMIL	2	0.007440	0.014880
54	B200110564	BOM	NMIL	1	0.004650	0.004650
55	B200110695	BOM	NMIL	1	0.007440	0.007440
56	B200110696	BOM	NMIL	2	0.007440	0.014880
57	B200110729	BOM	NMIL	3	0.004650	0.013950
58	B200110730	BOM	NMIL	1	0.004650	0.004650
59	B200110731	BOM	NMIL	1	0.004650	0.004650
60	B200110733	BOM	NMIL	15	0.004650	0.069750
61	B200110735	BOM	NMIL	1	0.004650	0.004650
62	B200110739	BOM	NMIL	1	0.004650	0.004650
63	B200110743	BOM	NMIL	3	0.004650	0.013950
64	B200110775	BOM	NMIL	1	0.004650	0.004650
65	B200110800	BOM	NMIL	2	0.004650	0.009300
66	B200110806	BOM	NMIL	1	0.004650	0.004650
67	B200110807	BOM	NMIL	1	0.004650	0.004650

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68	B200110808	BOM	NMIL	8	0.004650	0.037200
69	B200110811	BOM	NMIL	1	0.004650	0.004650
70	B200110813	BOM	NMIL	1	0.004650	0.004650
71	B200110814	BOM	NMIL	1	0.004650	0.004650
72	B200110819	BOM	NMIL	1	0.004650	0.004650
73	B200110821	BOM	NMIL	2	0.005115	0.010230
74	B200110834	BOM	NMIL	2	0.004650	0.009300
75	B200110844	BOM	NMIL	1	0.004650	0.004650
76	B200110854	BOM	NMIL	2	0.004650	0.009300
77	B200110870	BOM	NMIL	1	0.005115	0.005115
78	B200110872	BOM	NMIL	2	0.004650	0.009300
79	B200110891	BOM	NMIL	1	0.005115	0.005115
80	B200110928	BOM	NMIL	1	0.004650	0.004650
81	B200110991	BOM	NMIL	1	0.004650	0.004650
82	B200111014	BOM	NMIL	1	0.004650	0.004650
83	B200111016	BOM	NMIL	1	0.004650	0.004650
84	B200111022	BOM	NMIL	1	0.004650	0.004650
85	B200120198	BOM	NMIL	1	0.007735	0.007735
86	B200160009	BOM	NMIL	1	0.065000	0.065000
87	B200160017	BOM	NMIL	1	0.065000	0.065000
88	B200170024	BOM	NMIL	1	0.004875	0.004875
89	B200170026	BOM	NMIL	2	0.004875	0.009750
90	B200170032	BOM	NMIL	2	0.004875	0.009750
91	B200180075	BOM	NMIL	1	0.009327	0.009327
92	B200190038	BOM	NMIL	2	0.013308	0.026616
93	B200190082	BOM	NMIL	1	0.014624	0.014624
94	B200200064	BOM	NMIL	1	0.008470	0.008470
95	B200200074	BOM	NMIL	2	0.015274	0.030548
96	B200200083	BOM	NMIL	1	0.007144	0.007144
97	B200200113	BOM	NMIL	2	0.009203	0.018406
98	B200200114	BOM	NMIL	4	0.011856	0.047424
99	B200200115	BOM	NMIL	2	0.007791	0.015582
100	B200200116	BOM	NMIL	3	0.007144	0.021432
101	B200200120	BOM	NMIL	1	0.010911	0.010911
102	B200200140	BOM	NMIL	1	0.009335	0.009335
103	B200200156	BOM	NMIL	1	0.011856	0.011856
104	B200200158	BOM	NMIL	1	0.007791	0.007791
105	B200220042	BOM	NMIL	2	0.012681	0.025362
106	B200220063	BOM	NMIL	1	0.012681	0.012681
107	B200230057	BOM	NMIL	1	0.005460	0.005460
108	B200230210	BOM	NMIL	1	0.022409	0.022409
109	B200230276	BOM	NMIL	2	0.004738	0.009476
110	B200230281	BOM	NMIL	4	0.017185	0.068740

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111	B200230338	BOM	NMIL	3	0.004872	0.014616
112	B200230381	BOM	NMIL	1	0.020200	0.020200
113	B200230436	BOM	NMIL	1	0.006259	0.006259
114	B200230470	BOM	NMIL	1	0.045078	0.045078
115	B200230486	BOM	NMIL	4	0.014670	0.058680
116	B200250009	BOM	NMIL	1	0.023160	0.023160
117	B200260388	BOM	NMIL	1	0.027440	0.027440
118	B200260389	BOM	NMIL	1	0.027440	0.027440
119	B200280012	BOM	NMIL	2	0.015958	0.031916
120	B200290005	BOM	NMIL	1	0.013740	0.013740
121	B200300382	BOM	NMIL	1	0.003845	0.003845
122	B200300410	BOM	NMIL	1	0.003845	0.003845
123	B200300432	BOM	NMIL	1	0.003845	0.003845
124	B200300446	BOM	NMIL	1	0.026144	0.026144
125	B200310015	BOM	NMIL	1	0.027383	0.027383
126	B200370005	BOM	NMIL	1	0.000692	0.000692
127	B200370050	BOM	NMIL	1	0.000665	0.000665
128	B200370069	BOM	NMIL	1	0.000778	0.000778
129	B200370085	BOM	NMIL	1	0.000719	0.000719
130	B210060137	BOM	NMIL	1	0.034577	0.034577
131	B210090115	BOM	SPECIAL	1	2.030495	2.030495
132	B210160046	BOM	NMIL	1	0.010000	0.010000
133	B210191722	BOM	NMIL	1	0.019996	0.019996
134	B210192373	BOM	NMIL	1	0.014656	0.014656

Total Failure Rate (F/10⁶Hrs) : 5.076423
Mean Time (in hours) Between Failures (MTBF) : **196,989**