

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 : MAY-06-2013 Time : 15:43:55
End Item Title : P1U SERIES MTBF
End Item Part Number : P1U-5400E (RoHS)
P1U-5400E (RoHS) MTBF : 176,547
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1U / MTBF
Module Reference Designation : P1U
Environmental Condition : GB
Ambient Temperature: 25°C

P1U-5400E (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102410005	BOM	NMIL	1	0.065353	0.065353
2	B104430004	BOM	NMIL	1	0.076646	0.076646
3	B104530004	BOM	NMIL	1	0.434592	0.434592
4	B105130002	BOM	NMIL	1	0.265242	0.265242
5	B105130003	BOM	NMIL	1	0.078943	0.078943
6	B105130004	BOM	NMIL	1	0.210479	0.210479
7	B200000144	BOM	SPECIAL	1	0.094935	0.094935
8	B200000308	BOM	SPECIAL	2	0.094935	0.189870
9	B200000437	BOM	SPECIAL	1	0.094935	0.094935
10	B200010022	BOM	NMIL	2	0.000798	0.001596
11	B200010052	BOM	NMIL	9	0.000798	0.007182
12	B200010087	BOM	NMIL	2	0.000798	0.001596
13	B200010098	BOM	NMIL	1	0.000798	0.000798
14	B200010109	BOM	NMIL	5	0.000798	0.003990
15	B200010176	BOM	NMIL	1	0.031398	0.031398
16	B200010185	BOM	NMIL	2	0.031398	0.062796
17	B200010192	BOM	NMIL	2	0.000798	0.001596
18	B200020017	BOM	NMIL	1	0.005156	0.005156
19	B200020020	BOM	NMIL	4	0.005156	0.020624
20	B200020021	BOM	NMIL	1	0.006751	0.006751
21	B200020024	BOM	NMIL	8	0.005156	0.041248
22	B200030061	BOM	NMIL	2	0.003446	0.006892
23	B200030062	BOM	NMIL	1	0.005259	0.005259
24	B200040073	BOM	NMIL	1	0.005967	0.005967

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25	B200040107	BOM	NMIL	1	0.016111	0.016111
26	B200050032	BOM	NMIL	4	0.005218	0.020872
27	B200050035	BOM	NMIL	1	0.005218	0.005218
28	B200060023	BOM	NMIL	1	0.014607	0.014607
29	B200070007	BOM	NMIL	2	0.006229	0.012458
30	B200110042	BOM	NMIL	9	0.004650	0.041850
31	B200110123	BOM	NMIL	8	0.004650	0.037200
32	B200110192	BOM	NMIL	1	0.004650	0.004650
33	B200110279	BOM	NMIL	8	0.004650	0.037200
34	B200110350	BOM	NMIL	2	0.005115	0.010230
35	B200110496	BOM	NMIL	1	0.004650	0.004650
36	B200110503	BOM	NMIL	1	0.005115	0.005115
37	B200110508	BOM	NMIL	2	0.004650	0.009300
38	B200110512	BOM	NMIL	3	0.004650	0.013950
39	B200110523	BOM	NMIL	2	0.004650	0.009300
40	B200110527	BOM	NMIL	4	0.004650	0.018600
41	B200110530	BOM	NMIL	2	0.004650	0.009300
42	B200110549	BOM	NMIL	1	0.004650	0.004650
43	B200110564	BOM	NMIL	1	0.004650	0.004650
44	B200110593	BOM	NMIL	4	0.004650	0.018600
45	B200110601	BOM	NMIL	1	0.004650	0.004650
46	B200110609	BOM	NMIL	1	0.004650	0.004650
47	B200110641	BOM	NMIL	1	0.005115	0.005115
48	B200110666	BOM	NMIL	1	0.004650	0.004650
49	B200110737	BOM	NMIL	4	0.004650	0.018600
50	B200110953	BOM	NMIL	3	0.004650	0.013950
51	B200160028	BOM	NMIL	1	0.065000	0.065000
52	B200160038	BOM	NMIL	1	0.065000	0.065000
53	B200170042	BOM	NMIL	2	0.004875	0.009750
54	B200180072	BOM	N/A	1	0.008552	0.008552
55	B200180075	BOM	N/A	1	0.008923	0.008923
56	B200190076	BOM	N/A	1	0.016840	0.016840
57	B200190077	BOM	N/A	1	0.016840	0.016840
58	B200190083	BOM	N/A	1	0.014304	0.014304
59	B200200074	BOM	N/A	2	0.015274	0.030548
60	B200200075	BOM	N/A	1	0.018108	0.018108
61	B200200087	BOM	N/A	4	0.014056	0.056224
62	B200200153	BOM	N/A	1	0.009203	0.009203
63	B200200156	BOM	N/A	5	0.011856	0.059280
64	B200200166	BOM	N/A	1	0.012930	0.012930
65	B200220018	BOM	N/A	1	0.002416	0.002416
66	B200220028	BOM	N/A	2	0.002647	0.005294
67	B200230277	BOM	N/A	1	0.041493	0.041493
68	B200230289	BOM	N/A	1	0.036220	0.036220

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69	B200230338	BOM	N/A	1	0.029130	0.029130
70	B200230350	BOM	N/A	3	0.144509	0.433527
71	B200230429	BOM	N/A	7	0.048735	0.341145
72	B200260255	BOM	NMIL	1	0.027440	0.027440
73	B200260266	BOM	NMIL	1	0.027440	0.027440
74	B200280012	BOM	NMIL	1	0.015958	0.015958
75	B200290015	BOM	NMIL	4	0.013740	0.054960
76	B200300382	BOM	NMIL	1	0.003845	0.003845
77	B200300398	BOM	NMIL	1	0.003845	0.003845
78	B200300399	BOM	NMIL	1	0.026144	0.026144
79	B200300400	BOM	NMIL	1	0.003845	0.003845
80	B200300401	BOM	NMIL	1	0.003845	0.003845
81	B210090189	BOM	KNOWNFR	1	2.117351	2.117351
82	B210160019	BOM	N/A	1	0.010000	0.010000
83	B210191911	N/A	STANDARD	1	0.024851	0.024851

Total Failure Rate (F/10 ⁶ Hrs) :	5.664221
Mean Time (in hours) Between Failures (MTBF) :	176,547