

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 : FEB-08-2013 Time : 13:26:54
End Item Title : P1S SERIES MTBF
End Item Part Number : P1S-2300V19 (RoHS)
P1S-2300V19 (RoHS) MTBF : 188,510
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1S / MTBF
Module Reference Designation : P1S
Environmental Condition : GB
Ambient Temperature: 25°C

P1S-2300V19 (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B104580002	BOM	NMIL	1	0.220943	0.220943
2	B104580007	BOM	NMIL	1	0.252564	0.252564
3	B200000001	BOM	SPECIAL	3	0.094935	0.284805
4	B200000092	BOM	SPECIAL	1	0.087340	0.087340
5	B200000144	BOM	SPECIAL	1	0.094935	0.094935
6	B200000242	BOM	SPECIAL	2	0.094935	0.189870
7	B200000272	BOM	SPECIAL	1	0.094935	0.094935
8	B200000276	BOM	SPECIAL	1	0.094935	0.094935
9	B200010057	BOM	NMIL	2	0.038088	0.076176
10	B200010067	BOM	NMIL	1	0.004410	0.004410
11	B200010083	BOM	NMIL	1	0.006665	0.006665
12	B200010165	BOM	NMIL	2	0.038088	0.076176
13	B200020024	BOM	NMIL	5	0.005156	0.025780
14	B200030018	BOM	NMIL	2	0.007617	0.015234
15	B200030019	BOM	NMIL	1	0.007617	0.007617
16	B200040029	BOM	NMIL	1	0.005967	0.005967
17	B200050036	BOM	NMIL	1	0.005218	0.005218
18	B200050040	BOM	NMIL	2	0.005218	0.010436
19	B200050045	BOM	NMIL	3	0.005218	0.015654
20	B200050054	BOM	NMIL	1	0.081708	0.081708
21	B200060007	BOM	NMIL	1	0.013438	0.013438
22	B200110001	BOM	NMIL	2	0.004650	0.009300
23	B200110035	BOM	NMIL	1	0.004650	0.004650
24	B200110042	BOM	NMIL	3	0.004650	0.013950

ZIPPY TECHNOLOGY CORP
10F, No.50, MIN CHYUAN RD
XINDIAN DIST., NEW TAIPEI CITY, TAIWAN, R.O.C.

25	B200110046	BOM	NMIL	6	0.004650	0.027900
26	B200110073	BOM	NMIL	2	0.005115	0.010230
27	B200110087	BOM	NMIL	5	0.004650	0.023250
28	B200110093	BOM	NMIL	1	0.004650	0.004650
29	B200110120	BOM	NMIL	1	0.004650	0.004650
30	B200110123	BOM	NMIL	4	0.004650	0.018600
31	B200110172	BOM	NMIL	1	0.004650	0.004650
32	B200110192	BOM	NMIL	1	0.004650	0.004650
33	B200110282	BOM	NMIL	4	0.004650	0.018600
34	B200110311	BOM	NMIL	1	0.004650	0.004650
35	B200110343	BOM	NMIL	1	0.004650	0.004650
36	B200110452	BOM	NMIL	1	0.004650	0.004650
37	B200110491	BOM	NMIL	1	0.004650	0.004650
38	B200110494	BOM	NMIL	1	0.004650	0.004650
39	B200110498	BOM	NMIL	1	0.004650	0.004650
40	B200110503	BOM	NMIL	1	0.005115	0.005115
41	B200110506	BOM	NMIL	2	0.004650	0.009300
42	B200110507	BOM	NMIL	1	0.004650	0.004650
43	B200110510	BOM	NMIL	4	0.004650	0.018600
44	B200110519	BOM	NMIL	1	0.004650	0.004650
45	B200110520	BOM	NMIL	1	0.004650	0.004650
46	B200110523	BOM	NMIL	1	0.004650	0.004650
47	B200110524	BOM	NMIL	1	0.004650	0.004650
48	B200110541	BOM	NMIL	2	0.004650	0.009300
49	B200110550	BOM	NMIL	2	0.004650	0.009300
50	B200110561	BOM	NMIL	4	0.004650	0.018600
51	B200110564	BOM	NMIL	2	0.004650	0.009300
52	B200110598	BOM	NMIL	2	0.004650	0.009300
53	B200110942	BOM	NMIL	1	0.004650	0.004650
54	B200120015	BOM	NMIL	1	0.007557	0.007557
55	B200120017	BOM	NMIL	1	0.009576	0.009576
56	B200120109	BOM	NMIL	1	0.005425	0.005425
57	B200120156	BOM	NMIL	1	0.006870	0.006870
58	B200140018	BOM	NMIL	1	0.035297	0.035297
59	B200160011	BOM	NMIL	1	0.065000	0.065000
60	B200160017	BOM	NMIL	1	0.065000	0.065000
61	B200170026	BOM	NMIL	2	0.004875	0.009750
62	B200180016	BOM	N/A	1	0.008923	0.008923
63	B200190064	BOM	N/A	1	0.016840	0.016840
64	B200200012	BOM	N/A	1	0.009203	0.009203
65	B200200017	BOM	N/A	5	0.011856	0.059280
66	B200200018	BOM	N/A	2	0.011856	0.023712
67	B200200060	BOM	N/A	1	0.012930	0.012930
68	B200200061	BOM	N/A	1	0.008470	0.008470

ZIPPY TECHNOLOGY CORP
10F, No.50, MIN CHYUAN RD
XINDIAN DIST., NEW TAIPEI CITY, TAIWAN, R.O.C.

69	B200200069	BOM	N/A	1	0.006575	0.006575
70	B200200083	BOM	N/A	2	0.007144	0.014288
71	B200200101	BOM	N/A	2	0.016657	0.033314
72	B200220018	BOM	N/A	3	0.002416	0.007248
73	B200220021	BOM	N/A	1	0.002337	0.002337
74	B200220028	BOM	N/A	1	0.002647	0.002647
75	B200220043	BOM	N/A	1	0.002416	0.002416
76	B200230070	BOM	N/A	1	0.030960	0.030960
77	B200230132	BOM	N/A	1	0.033322	0.033322
78	B200230198	BOM	N/A	1	0.053553	0.053553
79	B200230210	BOM	N/A	1	0.046467	0.046467
80	B200230229	BOM	N/A	1	0.213837	0.213837
81	B200230338	BOM	N/A	2	0.026800	0.053600
82	B200230360	BOM	N/A	4	0.041862	0.167448
83	B200250009	BOM	NMIL	1	0.021307	0.021307
84	B200260227	BOM	NMIL	1	0.025245	0.025245
85	B200260255	BOM	NMIL	1	0.025245	0.025245
86	B200260343	BOM	NMIL	1	0.025245	0.025245
87	B200280012	BOM	NMIL	1	0.015958	0.015958
88	B200300236	BOM	NMIL	1	0.003537	0.003537
89	B200300267	BOM	NMIL	1	0.003537	0.003537
90	B200300380	BOM	NMIL	1	0.024052	0.024052
91	B200310007	BOM	NMIL	1	0.028152	0.028152
92	B210090122	BOM	KNOWNFR	1	2.134055	2.134055
93	B210160006	BOM	N/A	1	0.010000	0.010000
94	B210191616	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 5.304756
Mean Time (in hours) Between Failures (MTBF) : **188,510**