

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 : JAN-16-2014 Time : 15:15:32
End Item Title : M1S SERIES MTBF
End Item Part Number : M1S-3501V (RoHS)
M1S-3501V (RoHS) MTBF : 160,684
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1S / MTBF
Module Reference Designation : M1S
Environmental Condition : GB
Ambient Temperature: 25°C

M1S-3501V (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	B103210004	BOM	NMIL	1	0.065162	0.065162
3	B103730002	BOM	NMIL	1	0.132621	0.132621
4	B103730005	BOM	NMIL	1	0.411835	0.411835
5	B103730006	BOM	NMIL	1	0.080219	0.080219
6	B103730008	BOM	NMIL	1	0.033705	0.033705
7	B200000080	BOM	SPECIAL	1	0.094935	0.094935
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	B200000308	BOM	SPECIAL	1	0.094935	0.094935
12	B200000316	BOM	SPECIAL	1	0.094935	0.094935
13	B200000364	BOM	SPECIAL	1	0.094935	0.094935
14	B200000443	BOM	SPECIAL	1	0.094935	0.094935
15	B200010022	BOM	NMIL	1	0.000798	0.000798
16	B200010057	BOM	NMIL	4	0.030770	0.123080
17	B200010067	BOM	NMIL	2	0.000798	0.001596
18	B200010083	BOM	NMIL	1	0.000782	0.000782
19	B200020024	BOM	NMIL	9	0.005156	0.046404
20	B200030069	BOM	NMIL	3	0.007617	0.022851
21	B200040012	BOM	NMIL	1	0.005967	0.005967
22	B200040015	BOM	NMIL	2	0.005967	0.011934
23	B200040059	BOM	NMIL	1	0.005967	0.005967
24	B200040063	BOM	NMIL	1	0.015789	0.015789

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25	B200040067	BOM	NMIL	1	0.015789	0.015789
26	B200050036	BOM	NMIL	4	0.005218	0.020872
27	B200050039	BOM	NMIL	1	0.005218	0.005218
28	B200050045	BOM	NMIL	3	0.005218	0.015654
29	B200060009	BOM	NMIL	1	0.014315	0.014315
30	B200090005	BOM	NMIL	1	0.001518	0.001518
31	B200110001	BOM	NMIL	1	0.004650	0.004650
32	B200110035	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	B200110087	BOM	NMIL	2	0.004650	0.009300
37	B200110120	BOM	NMIL	15	0.004650	0.069750
38	B200110123	BOM	NMIL	4	0.004650	0.018600
39	B200110126	BOM	NMIL	1	0.007440	0.007440
40	B200110127	BOM	NMIL	3	0.007440	0.022320
41	B200110172	BOM	NMIL	1	0.004650	0.004650
42	B200110276	BOM	NMIL	3	0.004650	0.013950
43	B200110282	BOM	NMIL	4	0.004650	0.018600
44	B200110343	BOM	NMIL	1	0.004650	0.004650
45	B200110488	BOM	NMIL	1	0.004650	0.004650
46	B200110494	BOM	NMIL	1	0.004650	0.004650
47	B200110503	BOM	NMIL	1	0.005115	0.005115
48	B200110505	BOM	NMIL	1	0.004650	0.004650
49	B200110506	BOM	NMIL	1	0.004650	0.004650
50	B200110508	BOM	NMIL	1	0.004650	0.004650
51	B200110510	BOM	NMIL	1	0.004650	0.004650
52	B200110512	BOM	NMIL	1	0.004650	0.004650
53	B200110519	BOM	NMIL	1	0.004650	0.004650
54	B200110520	BOM	NMIL	1	0.004650	0.004650
55	B200110521	BOM	NMIL	1	0.004650	0.004650
56	B200110523	BOM	NMIL	1	0.004650	0.004650
57	B200110525	BOM	NMIL	2	0.004650	0.009300
58	B200110538	BOM	NMIL	1	0.004650	0.004650
59	B200110542	BOM	NMIL	1	0.004650	0.004650
60	B200110550	BOM	NMIL	1	0.004650	0.004650
61	B200110553	BOM	NMIL	1	0.004650	0.004650
62	B200110561	BOM	NMIL	4	0.004650	0.018600
63	B200110583	BOM	NMIL	1	0.004650	0.004650
64	B200110588	BOM	NMIL	1	0.004650	0.004650
65	B200110590	BOM	NMIL	1	0.005115	0.005115
66	B200110594	BOM	NMIL	1	0.004650	0.004650
67	B200110598	BOM	NMIL	2	0.004650	0.009300
68	B200110618	BOM	NMIL	1	0.004650	0.004650

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69	B200110640	BOM	NMIL	1	0.004650	0.004650
70	B200110646	BOM	NMIL	1	0.004650	0.004650
71	B200120012	BOM	NMIL	1	0.007735	0.007735
72	B200120017	BOM	NMIL	1	0.009576	0.009576
73	B200120090	BOM	NMIL	1	0.006870	0.006870
74	B200120150	BOM	NMIL	1	0.004820	0.004820
75	B200160011	BOM	NMIL	1	0.065000	0.065000
76	B200160017	BOM	NMIL	1	0.065000	0.065000
77	B200170020	BOM	NMIL	2	0.004875	0.009750
78	B200170026	BOM	NMIL	3	0.004875	0.014625
79	B200180070	BOM	N/A	1	0.008146	0.008146
80	B200180075	BOM	N/A	1	0.009327	0.009327
81	B200190064	BOM	N/A	1	0.016840	0.016840
82	B200200061	BOM	N/A	1	0.008470	0.008470
83	B200200071	BOM	N/A	1	0.006048	0.006048
84	B200200074	BOM	N/A	1	0.015274	0.015274
85	B200200083	BOM	N/A	3	0.007144	0.021432
86	B200200089	BOM	N/A	2	0.016657	0.033314
87	B200200153	BOM	N/A	2	0.009203	0.018406
88	B200200155	BOM	N/A	2	0.009203	0.018406
89	B200200156	BOM	N/A	5	0.011856	0.059280
90	B200200158	BOM	N/A	2	0.007791	0.015582
91	B200200166	BOM	N/A	1	0.012930	0.012930
92	B200210004	BOM	N/A	2	0.006740	0.013480
93	B200220020	BOM	N/A	1	0.002337	0.002337
94	B200220036	BOM	N/A	2	0.013891	0.027782
95	B200220049	BOM	N/A	1	0.008751	0.008751
96	B200220060	BOM	N/A	1	0.008751	0.008751
97	B200230198	BOM	N/A	5	0.057046	0.285230
98	B200230210	BOM	N/A	2	0.049498	0.098996
99	B200230236	BOM	N/A	1	0.016452	0.016452
100	B200230277	BOM	N/A	1	0.040663	0.040663
101	B200230288	BOM	N/A	2	0.018861	0.037722
102	B200230338	BOM	N/A	2	0.028547	0.057094
103	B200230347	BOM	N/A	1	0.018861	0.018861
104	B200230380	BOM	N/A	3	0.197645	0.592935
105	B200230423	BOM	N/A	1	0.032703	0.032703
106	B200250009	BOM	NMIL	1	0.022697	0.022697
107	B200260125	BOM	NMIL	1	0.026891	0.026891
108	B200260255	BOM	NMIL	1	0.026891	0.026891
109	B200260264	BOM	NMIL	1	0.026891	0.026891
110	B200260265	BOM	NMIL	1	0.026891	0.026891
111	B200280012	BOM	NMIL	1	0.015958	0.015958
112	B200300236	BOM	NMIL	1	0.003768	0.003768

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113	B200300293	BOM	NMIL	1	0.025621	0.025621
114	B200300294	BOM	NMIL	1	0.003768	0.003768
115	B200310007	BOM	NMIL	1	0.029988	0.029988
116	B210090199	BOM	KNOWNFR	1	2.068077	2.068077
117	B210160046	BOM	N/A	1	0.010000	0.010000
118	B210191918	N/A	STANDARD	1	0.016567	0.016567

Total Failure Rate (F/10 ⁶ Hrs) :	6.223386
Mean Time (in hours) Between Failures (MTBF) :	160,684