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-26-2013 Time : 15:36:22
End Item Title : M1W SERIES MTBF
End Item Part Number : M1W-2E00V (RoHS)
M1W-2E00V (RoHS) MTBF : 109,420
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1W / MTBF
Module Reference Designation : M1W
Environmental Condition : GB
Ambient Temperature: 25℃

M1W-2E00V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10^6Hrs)	Total Failure Rate (F/10^6Hrs)
1	B102130002	BOM	NMIL	1	0.074349	0.074349
2	B102270003	BOM	NMIL	1	0.128027	0.128027
3	B102330003	BOM	NMIL	1	0.132621	0.132621
4	B102330005	BOM	NMIL	1	0.125731	0.125731
5	B102890008	BOM	NMIL	1	1.154544	1.154544
6	B102890009	BOM	NMIL	1	0.071864	0.071864
7	B200000001	BOM	SPECIAL	1	0.094935	0.094935
8	B200000276	BOM	SPECIAL	1	0.094935	0.094935
9	B200000296	BOM	SPECIAL	1	0.094935	0.094935
10	B200000332	BOM	SPECIAL	2	0.094935	0.189870
11	B200000333	BOM	SPECIAL	1	0.094935	0.094935
12	B200010052	BOM	NMIL	4	0.000798	0.003192
13	B200010087	BOM	NMIL	2	0.000798	0.001596
14	B200010091	BOM	NMIL	1	0.000702	0.000702
15	B200010098	BOM	NMIL	1	0.000798	0.000798
16	B200010105	BOM	NMIL	7	0.027630	0.193410
17	B200010109	BOM	NMIL	11	0.000798	0.008778
18	B200010147	BOM	NMIL	8	0.027630	0.221040
19	B200010164	BOM	NMIL	1	0.000798	0.000798
20	B200020004	BOM	NMIL	1	0.005156	0.005156
21	B200020017	BOM	NMIL	2	0.005156	0.010312
22	B200020020	BOM	NMIL	2	0.005156	0.010312
23	B200020021	BOM	NMIL	1	0.006751	0.006751
24	B200030038	BOM	NMIL	1	0.007617	0.007617

25	B200030041	BOM	NMIL	1	0.007617	0.007617
26	B200040034	BOM	NMIL	1	0.005967	0.005967
27	B200040053	BOM	NMIL	1	0.014178	0.014178
28	B200040063	BOM	NMIL	1	0.014178	0.014178
29	B200040072	BOM	NMIL	1	0.005967	0.005967
30	B200040073	BOM	NMIL	13	0.005967	0.077571
31	B200040085	BOM	NMIL	1	0.014178	0.014178
32	B200050024	BOM	NMIL	1	0.005218	0.005218
33	B200050032	BOM	NMIL	7	0.005218	0.036526
34	B200050037	BOM	NMIL	2	0.005218	0.010436
35	B200060009	BOM	NMIL	1	0.012854	0.012854
36	B200070008	BOM	NMIL	2	0.007348	0.014696
37	B200110006	BOM	NMIL	7	0.004650	0.032550
38	B200110016	BOM	NMIL	3	0.004650	0.013950
39	B200110040	BOM	NMIL	7	0.004650	0.032550
40	B200110042	BOM	NMIL	5	0.004650	0.023250
41	B200110046	BOM	NMIL	17	0.004650	0.079050
42	B200110058	BOM	NMIL	2	0.004650	0.009300
43	B200110087	BOM	NMIL	2	0.004650	0.009300
44	B200110095	BOM	NMIL	2	0.004650	0.009300
45	B200110120	BOM	NMIL	4	0.004650	0.018600
46	B200110123	BOM	NMIL	2	0.004650	0.009300
47	B200110172	BOM	NMIL	3	0.004650	0.013950
48	B200110192	BOM	NMIL	3	0.004650	0.013950
49	B200110202	BOM	NMIL	4	0.004650	0.018600
50	B200110223	BOM	NMIL	4	0.005115	0.020460
51	B200110227	BOM	NMIL	3	0.004650	0.013950
52	B200110276	BOM	NMIL	2	0.004650	0.009300
53	B200110279	BOM	NMIL	3	0.004650	0.013950
54	B200110282	BOM	NMIL	4	0.004650	0.018600
55	B200110311	BOM	NMIL	1	0.004650	0.004650
56	B200110487	BOM	NMIL	1	0.004650	0.004650
57	B200110493	BOM	NMIL	3	0.005115	0.015345
58	B200110494	BOM	NMIL	2	0.004650	0.009300
59	B200110498	BOM	NMIL	1	0.004650	0.004650
60	B200110502	BOM	NMIL	1	0.004650	0.004650
61	B200110506	BOM	NMIL	2	0.004650	0.009300
62	B200110508	BOM	NMIL	1	0.004650	0.004650
63	B200110523	BOM	NMIL	1	0.004650	0.004650
64	B200110524	BOM	NMIL	1	0.004650	0.004650
65	B200110525	BOM	NMIL	1	0.004650	0.004650
66	B200110608	BOM	NMIL	3	0.007440	0.022320
67	B200110660	BOM	NMIL	1	0.004650	0.004650
68	B200110668	BOM	NMIL	1	0.004650	0.004650

69	B200120015	BOM	NMIL	1	0.007557	0.007557
70	B200120160	BOM	NMIL	1	0.005425	0.005425
71	B200120183	BOM	NMIL	1	0.007735	0.007735
72	B200160022	BOM	NMIL	1	0.065000	0.065000
73	B200170031	BOM	NMIL	3	0.004875	0.014625
74	B200170032	BOM	NMIL	3	0.004875	0.014625
75	B200180005	BOM	N/A	1	0.009769	0.009769
76	B200180015	BOM	N/A	2	0.008923	0.017846
77	B200190022	BOM	N/A	2	0.015889	0.031778
78	B200190024	BOM	N/A	1	0.015889	0.015889
79	B200200012	BOM	N/A	1	0.009203	0.009203
80	B200200017	BOM	N/A	12	0.011856	0.142272
81	B200200053	BOM	N/A	2	0.014056	0.028112
82	B200200060	BOM	N/A	1	0.012930	0.012930
83	B200200062	BOM	N/A	3	0.007791	0.023373
84	B200200069	BOM	N/A	1	0.006575	0.006575
85	B200200093	BOM	N/A	6	0.018108	0.108648
86	B200200095	BOM	N/A	2	0.016657	0.033314
87	B200200096	BOM	N/A	4	0.008147	0.032588
88	B200220021	BOM	N/A	1	0.002337	0.002337
89	B200220040	BOM	N/A	2	0.002198	0.004396
90	B200220042	BOM	N/A	1	0.002416	0.002416
91	B200220043	BOM	N/A	2	0.002416	0.004832
92	B200220054	BOM	N/A	2	0.003478	0.006956
93	B200230036	BOM	N/A	1	0.044447	0.044447
94	B200230100	BOM	N/A	1	0.051225	0.051225
95	B200230143	BOM	N/A	1	0.038799	0.038799
96	B200230281	BOM	N/A	1	0.029366	0.029366
97	B200230313	BOM	N/A	2	0.147154	0.294308
98	B200230336	BOM	N/A	2	0.022360	0.044720
99	B200230338	BOM	N/A	2	0.025634	0.051268
100	B200230356	BOM	N/A	6	0.038799	0.232794
101	B200250009	BOM	NMIL	1	0.020381	0.020381
102	B200260231	BOM	NMIL	1	0.024147	0.024147
103	B200260278	BOM	NMIL	1	0.024147	0.024147
104	B200260279	BOM	NMIL	2	0.024147	0.048294
105	B200260295	BOM	NMIL	1	0.024147	0.024147
106	B200260328	BOM	NMIL	1	0.024147	0.024147
107	B200280012	BOM	NMIL	1	0.015958	0.015958
108	B200290002	BOM	NMIL	1	0.013740	0.013740
109	B200290011	BOM	NMIL	2	0.013740	0.027480
110	B200290015	BOM	NMIL	4	0.013740	0.054960
111	B200300219	BOM	NMIL	1	0.003384	0.003384
112	B200300248	BOM	NMIL	1	0.003384	0.003384

113	B200300264	BOM	NMIL	1	0.023007	0.023007
114	B210140032	BOM	KNOWNFR	2	2.000488	4.000976
115	B210160025	BOM	N/A	1	0.010000	0.010000
116	B210191492	N/A	STANDARD	1	0.016567	0.016567

Total Failure Rate (F/10^6Hrs) : 9.139116
Mean Time (in hours) Between Failures (MTBF) : 109,420