

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 : JUL-05-2013 Time : 15:55:45
End Item Title : M1V SERIES MTBF
End Item Part Number : M1V-2800V (RoHS)
M1V-2800V (RoHS) MTBF : 141,435
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1V / MTBF
Module Reference Designation : M1V
Environmental Condition : GB
Ambient Temperature: 25°C

M1V-2800V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102270003	BOM	NMIL	1	0.128027	0.128027
2	B102330003	BOM	NMIL	1	0.132621	0.132621
3	B102330004	BOM	NMIL	1	0.069564	0.069564
4	B102330005	BOM	NMIL	1	0.125731	0.125731
5	B102620003	BOM	NMIL	1	0.074349	0.074349
6	B103080011	BOM	NMIL	1	1.222003	1.222003
7	B103080014	BOM	NMIL	1	0.008316	0.008316
8	B103180007	BOM	NMIL	1	0.044939	0.044939
9	B200000001	BOM	SPECIAL	1	0.094935	0.094935
10	B200000296	BOM	SPECIAL	1	0.094935	0.094935
11	B200000332	BOM	SPECIAL	2	0.094935	0.189870
12	B200000333	BOM	SPECIAL	1	0.094935	0.094935
13	B200000364	BOM	SPECIAL	1	0.094935	0.094935
14	B200010052	BOM	NMIL	3	0.000798	0.002394
15	B200010091	BOM	NMIL	1	0.000814	0.000814
16	B200010098	BOM	NMIL	1	0.000798	0.000798
17	B200010105	BOM	NMIL	6	0.032026	0.192156
18	B200010109	BOM	NMIL	6	0.000798	0.004788
19	B200010112	BOM	NMIL	4	0.032026	0.128104
20	B200020017	BOM	NMIL	2	0.005156	0.010312
21	B200020020	BOM	NMIL	2	0.005156	0.010312
22	B200020021	BOM	NMIL	1	0.005156	0.005156
23	B200030037	BOM	NMIL	2	0.018136	0.036272
24	B200040053	BOM	NMIL	1	0.016433	0.016433

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25	B200040065	BOM	NMIL	1	0.005967	0.005967
26	B200040073	BOM	NMIL	13	0.005967	0.077571
27	B200040083	BOM	NMIL	1	0.016433	0.016433
28	B200040085	BOM	NMIL	1	0.016433	0.016433
29	B200050024	BOM	NMIL	1	0.005218	0.005218
30	B200050032	BOM	NMIL	7	0.005218	0.036526
31	B200050070	BOM	NMIL	2	0.005218	0.010436
32	B200060009	BOM	NMIL	1	0.014899	0.014899
33	B200070007	BOM	NMIL	2	0.014015	0.028030
34	B200090005	BOM	NMIL	1	0.018095	0.018095
35	B200110006	BOM	NMIL	2	0.004650	0.009300
36	B200110042	BOM	NMIL	5	0.004650	0.023250
37	B200110095	BOM	NMIL	10	0.004650	0.046500
38	B200110120	BOM	NMIL	4	0.004650	0.018600
39	B200110123	BOM	NMIL	2	0.004650	0.009300
40	B200110172	BOM	NMIL	6	0.004650	0.027900
41	B200110192	BOM	NMIL	2	0.004650	0.009300
42	B200110202	BOM	NMIL	1	0.004650	0.004650
43	B200110223	BOM	NMIL	4	0.005115	0.020460
44	B200110227	BOM	NMIL	6	0.004650	0.027900
45	B200110235	BOM	NMIL	3	0.004650	0.013950
46	B200110276	BOM	NMIL	4	0.004650	0.018600
47	B200110279	BOM	NMIL	2	0.004650	0.009300
48	B200110282	BOM	NMIL	2	0.004650	0.009300
49	B200110311	BOM	NMIL	1	0.004650	0.004650
50	B200110489	BOM	NMIL	1	0.004650	0.004650
51	B200110493	BOM	NMIL	6	0.005115	0.030690
52	B200110494	BOM	NMIL	2	0.004650	0.009300
53	B200110502	BOM	NMIL	1	0.004650	0.004650
54	B200110503	BOM	NMIL	1	0.005115	0.005115
55	B200110506	BOM	NMIL	2	0.004650	0.009300
56	B200110524	BOM	NMIL	1	0.004650	0.004650
57	B200110525	BOM	NMIL	1	0.004650	0.004650
58	B200110527	BOM	NMIL	1	0.004650	0.004650
59	B200110551	BOM	NMIL	1	0.004650	0.004650
60	B200110583	BOM	NMIL	1	0.004650	0.004650
61	B200110608	BOM	NMIL	3	0.007440	0.022320
62	B200110659	BOM	NMIL	1	0.004650	0.004650
63	B200120170	BOM	NMIL	1	0.010780	0.010780
64	B200120171	BOM	NMIL	1	0.006870	0.006870
65	B200160028	BOM	NMIL	1	0.065000	0.065000
66	B200170015	BOM	NMIL	2	0.005156	0.010312
67	B200170021	BOM	NMIL	3	0.005156	0.015468
68	B200180075	BOM	N/A	2	0.008923	0.017846

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69	B200180079	BOM	N/A	1	0.008923	0.008923
70	B200190024	BOM	N/A	1	0.015889	0.015889
71	B200190065	BOM	N/A	1	0.014104	0.014104
72	B200200012	BOM	N/A	2	0.009203	0.018406
73	B200200017	BOM	N/A	7	0.011856	0.082992
74	B200200053	BOM	N/A	4	0.014056	0.056224
75	B200200057	BOM	N/A	1	0.018108	0.018108
76	B200200060	BOM	N/A	4	0.012930	0.051720
77	B200200062	BOM	N/A	1	0.007791	0.007791
78	B200200069	BOM	N/A	1	0.006575	0.006575
79	B200200096	BOM	N/A	2	0.008147	0.016294
80	B200220010	BOM	N/A	1	0.002761	0.002761
81	B200220021	BOM	N/A	1	0.002337	0.002337
82	B200220036	BOM	N/A	2	0.002647	0.005294
83	B200220047	BOM	N/A	1	0.002537	0.002537
84	B200230226	BOM	N/A	3	0.022678	0.068034
85	B200230277	BOM	N/A	1	0.042323	0.042323
86	B200230337	BOM	N/A	1	0.022488	0.022488
87	B200230356	BOM	N/A	3	0.044972	0.134916
88	B200230381	BOM	N/A	2	0.048063	0.096126
89	B200230383	BOM	N/A	2	0.153441	0.306882
90	B200260219	BOM	NMIL	1	0.089812	0.089812
91	B200260232	BOM	NMIL	1	0.089812	0.089812
92	B200260268	BOM	NMIL	1	0.089812	0.089812
93	B200260269	BOM	NMIL	2	0.089812	0.179624
94	B200280018	BOM	NMIL	1	0.015958	0.015958
95	B200290011	BOM	NMIL	2	0.013740	0.027480
96	B200300283	BOM	NMIL	1	0.026667	0.026667
97	B200300284	BOM	NMIL	1	0.003922	0.003922
98	B210090090	BOM	KNOWNFR	1	2.030494	2.030494
99	B210160002	BOM	N/A	1	0.010000	0.010000
100	B210191093	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 7.070361
 Mean Time (in hours) Between Failures (MTBF) : 141,435