

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-19-2014 Time : 16:18:32
End Item Title : G1W SERIES MTBF
End Item Part Number : G1W-3C00V (RoHS)
G1W-3C00V (RoHS) MTBF : 105,912
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : G1W / MTBF
Module Reference Designation : G1W
Environmental Condition : GB
Ambient Temperature: 25°C

G1W-3C00V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102130002	BOM	NMIL	1	0.074349	0.074349
2	B102720002	BOM	NMIL	1	0.216158	0.216158
3	B103450002	BOM	NMIL	1	0.072499	0.072499
4	B103450003	BOM	NMIL	1	0.202377	0.202377
5	B200000001	BOM	SPECIAL	3	0.094935	0.284805
6	B200000058	BOM	SPECIAL	1	0.094935	0.094935
7	B200000080	BOM	SPECIAL	2	0.094935	0.189870
8	B200000092	BOM	SPECIAL	1	0.102150	0.102150
9	B200000144	BOM	SPECIAL	1	0.094935	0.094935
10	B200000252	BOM	SPECIAL	1	0.094935	0.094935
11	B200000268	BOM	SPECIAL	1	0.094935	0.094935
12	B200000309	BOM	SPECIAL	1	0.094935	0.094935
13	B200010009	BOM	NMIL	1	0.000798	0.000798
14	B200010022	BOM	NMIL	2	0.000798	0.001596
15	B200010052	BOM	NMIL	1	0.000798	0.000798
16	B200010057	BOM	NMIL	3	0.033784	0.101352
17	B200010067	BOM	NMIL	4	0.000798	0.003192
18	B200010080	BOM	NMIL	4	0.033784	0.135136
19	B200010081	BOM	NMIL	2	0.033784	0.067568
20	B200010083	BOM	NMIL	2	0.000859	0.001718
21	B200010109	BOM	NMIL	3	0.000798	0.002394
22	B200010143	BOM	NMIL	2	0.033784	0.067568
23	B200020004	BOM	NMIL	14	0.005156	0.072184
24	B200020021	BOM	NMIL	1	0.005156	0.005156

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25	B200030019	BOM	NMIL	1	0.018136	0.018136
26	B200030034	BOM	NMIL	1	0.018136	0.018136
27	B200040012	BOM	NMIL	1	0.005967	0.005967
28	B200040059	BOM	NMIL	1	0.005967	0.005967
29	B200040063	BOM	NMIL	1	0.017336	0.017336
30	B200050039	BOM	NMIL	1	0.005218	0.005218
31	B200050040	BOM	NMIL	5	0.005218	0.026090
32	B200050045	BOM	NMIL	1	0.005218	0.005218
33	B200050063	BOM	NMIL	2	0.095563	0.191126
34	B200060009	BOM	NMIL	2	0.015717	0.031434
35	B200090005	BOM	NMIL	1	0.018095	0.018095
36	B200110035	BOM	NMIL	1	0.004650	0.004650
37	B200110040	BOM	NMIL	2	0.004650	0.009300
38	B200110042	BOM	NMIL	2	0.004650	0.009300
39	B200110046	BOM	NMIL	9	0.004650	0.041850
40	B200110095	BOM	NMIL	1	0.004650	0.004650
41	B200110120	BOM	NMIL	2	0.004650	0.009300
42	B200110123	BOM	NMIL	3	0.004650	0.013950
43	B200110127	BOM	NMIL	7	0.007440	0.052080
44	B200110172	BOM	NMIL	1	0.004650	0.004650
45	B200110192	BOM	NMIL	1	0.004650	0.004650
46	B200110217	BOM	NMIL	1	0.004650	0.004650
47	B200110227	BOM	NMIL	2	0.004650	0.009300
48	B200110235	BOM	NMIL	1	0.004650	0.004650
49	B200110261	BOM	NMIL	2	0.004650	0.009300
50	B200110270	BOM	NMIL	2	0.004650	0.009300
51	B200110276	BOM	NMIL	1	0.004650	0.004650
52	B200110279	BOM	NMIL	1	0.004650	0.004650
53	B200110282	BOM	NMIL	13	0.004650	0.060450
54	B200110343	BOM	NMIL	1	0.004650	0.004650
55	B200110348	BOM	NMIL	1	0.004650	0.004650
56	B200110430	BOM	NMIL	3	0.004650	0.013950
57	B200110488	BOM	NMIL	1	0.004650	0.004650
58	B200110489	BOM	NMIL	1	0.004650	0.004650
59	B200110490	BOM	NMIL	1	0.004650	0.004650
60	B200110492	BOM	NMIL	1	0.004650	0.004650
61	B200110494	BOM	NMIL	1	0.004650	0.004650
62	B200110503	BOM	NMIL	1	0.005115	0.005115
63	B200110505	BOM	NMIL	1	0.004650	0.004650
64	B200110508	BOM	NMIL	2	0.004650	0.009300
65	B200110510	BOM	NMIL	1	0.004650	0.004650
66	B200110523	BOM	NMIL	2	0.004650	0.009300
67	B200110525	BOM	NMIL	1	0.004650	0.004650
68	B200110529	BOM	NMIL	3	0.004650	0.013950

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69	B200110531	BOM	NMIL	2	0.004650	0.009300
70	B200110541	BOM	NMIL	1	0.004650	0.004650
71	B200110544	BOM	NMIL	1	0.004650	0.004650
72	B200110550	BOM	NMIL	1	0.004650	0.004650
73	B200110554	BOM	NMIL	12	0.004650	0.055800
74	B200110561	BOM	NMIL	1	0.004650	0.004650
75	B200110564	BOM	NMIL	1	0.004650	0.004650
76	B200110588	BOM	NMIL	1	0.004650	0.004650
77	B200110613	BOM	NMIL	2	0.004650	0.009300
78	B200110626	BOM	NMIL	1	0.004650	0.004650
79	B200110627	BOM	NMIL	1	0.005115	0.005115
80	B200110635	BOM	NMIL	1	0.004650	0.004650
81	B200120015	BOM	NMIL	1	0.008509	0.008509
82	B200120154	BOM	NMIL	1	0.008509	0.008509
83	B200120160	BOM	NMIL	1	0.008705	0.008705
84	B200160011	BOM	NMIL	1	0.065000	0.065000
85	B200160017	BOM	NMIL	1	0.065000	0.065000
86	B200170015	BOM	NMIL	4	0.005156	0.020624
87	B200170032	BOM	NMIL	3	0.005156	0.015468
88	B200180075	BOM	N/A	4	0.008923	0.035692
89	B200190022	BOM	N/A	1	0.015889	0.015889
90	B200190033	BOM	N/A	1	0.013308	0.013308
91	B200200006	BOM	N/A	3	0.007144	0.021432
92	B200200012	BOM	N/A	3	0.009203	0.027609
93	B200200017	BOM	N/A	5	0.011856	0.059280
94	B200200021	BOM	N/A	3	0.015274	0.045822
95	B200200022	BOM	N/A	2	0.015274	0.030548
96	B200200060	BOM	N/A	1	0.012930	0.012930
97	B200200061	BOM	N/A	4	0.008470	0.033880
98	B200200062	BOM	N/A	1	0.007791	0.007791
99	B200200064	BOM	N/A	1	0.008470	0.008470
100	B200200069	BOM	N/A	1	0.006575	0.006575
101	B200200071	BOM	N/A	1	0.006048	0.006048
102	B200210010	BOM	N/A	1	0.007449	0.007449
103	B200220018	BOM	N/A	3	0.002416	0.007248
104	B200220020	BOM	N/A	1	0.002337	0.002337
105	B200220048	BOM	N/A	1	0.002647	0.002647
106	B200230057	BOM	N/A	1	0.033995	0.033995
107	B200230198	BOM	N/A	6	0.062634	0.375804
108	B200230210	BOM	N/A	2	0.054347	0.108694
109	B200230277	BOM	N/A	3	0.044646	0.133938
110	B200230288	BOM	N/A	2	0.020709	0.041418
111	B200230338	BOM	N/A	3	0.031344	0.094032
112	B200230397	BOM	N/A	2	0.186546	0.373092

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113	B200250009	BOM	NMIL	1	0.089155	0.089155
114	B200260245	BOM	NMIL	1	0.094743	0.094743
115	B200260291	BOM	NMIL	1	0.094743	0.094743
116	B200260293	BOM	NMIL	1	0.094743	0.094743
117	B200260302	BOM	NMIL	1	0.094743	0.094743
118	B200280012	BOM	NMIL	3	0.015958	0.047874
119	B200300219	BOM	NMIL	1	0.004137	0.004137
120	B200300236	BOM	NMIL	1	0.004137	0.004137
121	B200300273	BOM	NMIL	1	0.028131	0.028131
122	B200300274	BOM	NMIL	1	0.004137	0.004137
123	B200310003	BOM	NMIL	1	0.032926	0.032926
124	B210140008	BOM	KNOWNFR	2	2.114396	4.228792
125	B210160025	BOM	N/A	1	0.010000	0.010000
126	B210191106	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10 ⁶ Hrs) :	9.441818
Mean Time (in hours) Between Failures (MTBF) :	105,912