

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 : AUG-07-2014 Time : 14:54:56
End Item Title : G1W SERIES MTBF
End Item Part Number : G1W-3C02V (RoHS)
G1W-3C02V (RoHS) MTBF : 104,840
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : G1W / MTBF
Module Reference Designation : G1W
Environmental Condition : GB
Ambient Temperature: 25°C

G1W-3C02V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102820030	BOM	NMIL	1	0.220751	0.220751
2	B103450002	BOM	NMIL	1	0.072499	0.072499
3	B103450005	BOM	NMIL	1	0.074349	0.074349
4	B103680023	BOM	NMIL	1	0.026430	0.026430
5	B104470003	BOM	NMIL	1	0.197783	0.197783
6	B200000001	BOM	SPECIAL	3	0.094935	0.284805
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	B200000364	BOM	SPECIAL	1	0.094935	0.094935
13	B200000443	BOM	SPECIAL	1	0.100631	0.100631
14	B200010009	BOM	NMIL	1	0.000798	0.000798
15	B200010022	BOM	NMIL	2	0.000798	0.001596
16	B200010052	BOM	NMIL	1	0.000798	0.000798
17	B200010057	BOM	NMIL	3	0.033663	0.100989
18	B200010067	BOM	NMIL	4	0.000798	0.003192
19	B200010080	BOM	NMIL	4	0.033663	0.134652
20	B200010081	BOM	NMIL	2	0.033663	0.067326
21	B200010083	BOM	NMIL	2	0.000855	0.001710
22	B200010109	BOM	NMIL	3	0.000798	0.002394
23	B200010143	BOM	NMIL	2	0.033663	0.067326
24	B200020004	BOM	NMIL	14	0.005156	0.072184

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25	B200020021	BOM	NMIL	1	0.005156	0.005156
26	B200030019	BOM	NMIL	1	0.018136	0.018136
27	B200030034	BOM	NMIL	1	0.018136	0.018136
28	B200040012	BOM	NMIL	1	0.005967	0.005967
29	B200040059	BOM	NMIL	1	0.005967	0.005967
30	B200040063	BOM	NMIL	1	0.017273	0.017273
31	B200050039	BOM	NMIL	1	0.005218	0.005218
32	B200050040	BOM	NMIL	5	0.005218	0.026090
33	B200050045	BOM	NMIL	1	0.005218	0.005218
34	B200050063	BOM	NMIL	2	0.095218	0.190436
35	B200060009	BOM	NMIL	2	0.015661	0.031322
36	B200090005	BOM	NMIL	1	0.018095	0.018095
37	B200110035	BOM	NMIL	1	0.004650	0.004650
38	B200110040	BOM	NMIL	3	0.004650	0.013950
39	B200110042	BOM	NMIL	2	0.004650	0.009300
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	3	0.007440	0.022320
44	B200110156	BOM	NMIL	15	0.004650	0.069750
45	B200110172	BOM	NMIL	1	0.004650	0.004650
46	B200110192	BOM	NMIL	1	0.004650	0.004650
47	B200110217	BOM	NMIL	1	0.004650	0.004650
48	B200110227	BOM	NMIL	2	0.004650	0.009300
49	B200110235	BOM	NMIL	1	0.004650	0.004650
50	B200110261	BOM	NMIL	2	0.004650	0.009300
51	B200110270	BOM	NMIL	2	0.004650	0.009300
52	B200110276	BOM	NMIL	1	0.004650	0.004650
53	B200110279	BOM	NMIL	1	0.004650	0.004650
54	B200110282	BOM	NMIL	10	0.004650	0.046500
55	B200110337	BOM	NMIL	4	0.005115	0.020460
56	B200110343	BOM	NMIL	1	0.004650	0.004650
57	B200110348	BOM	NMIL	1	0.004650	0.004650
58	B200110488	BOM	NMIL	1	0.004650	0.004650
59	B200110489	BOM	NMIL	1	0.004650	0.004650
60	B200110490	BOM	NMIL	1	0.004650	0.004650
61	B200110492	BOM	NMIL	1	0.004650	0.004650
62	B200110494	BOM	NMIL	1	0.004650	0.004650
63	B200110503	BOM	NMIL	1	0.005115	0.005115
64	B200110505	BOM	NMIL	1	0.004650	0.004650
65	B200110508	BOM	NMIL	2	0.004650	0.009300
66	B200110510	BOM	NMIL	1	0.004650	0.004650
67	B200110523	BOM	NMIL	1	0.004650	0.004650
68	B200110525	BOM	NMIL	1	0.004650	0.004650

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69	B200110529	BOM	NMIL	3	0.004650	0.013950
70	B200110531	BOM	NMIL	2	0.004650	0.009300
71	B200110541	BOM	NMIL	1	0.004650	0.004650
72	B200110544	BOM	NMIL	1	0.004650	0.004650
73	B200110550	BOM	NMIL	2	0.004650	0.009300
74	B200110554	BOM	NMIL	12	0.004650	0.055800
75	B200110561	BOM	NMIL	1	0.004650	0.004650
76	B200110564	BOM	NMIL	1	0.004650	0.004650
77	B200110588	BOM	NMIL	1	0.004650	0.004650
78	B200110613	BOM	NMIL	2	0.004650	0.009300
79	B200110626	BOM	NMIL	1	0.004650	0.004650
80	B200110627	BOM	NMIL	1	0.005115	0.005115
81	B200110635	BOM	NMIL	1	0.004650	0.004650
82	B200120015	BOM	NMIL	1	0.008509	0.008509
83	B200120154	BOM	NMIL	1	0.008509	0.008509
84	B200120160	BOM	NMIL	1	0.008705	0.008705
85	B200160011	BOM	NMIL	1	0.065000	0.065000
86	B200160017	BOM	NMIL	1	0.065000	0.065000
87	B200170018	BOM	NMIL	2	0.005156	0.010312
88	B200170032	BOM	NMIL	3	0.005156	0.015468
89	B200170035	BOM	NMIL	4	0.005156	0.020624
90	B200180075	BOM	N/A	4	0.008923	0.035692
91	B200190022	BOM	N/A	1	0.015889	0.015889
92	B200190033	BOM	N/A	1	0.013308	0.013308
93	B200200021	BOM	N/A	3	0.015274	0.045822
94	B200200022	BOM	N/A	2	0.015274	0.030548
95	B200200060	BOM	N/A	1	0.012930	0.012930
96	B200200061	BOM	N/A	4	0.008470	0.033880
97	B200200064	BOM	N/A	1	0.008470	0.008470
98	B200200068	BOM	N/A	1	0.006575	0.006575
99	B200200071	BOM	N/A	1	0.006048	0.006048
100	B200200083	BOM	N/A	2	0.007144	0.014288
101	B200200148	BOM	N/A	1	0.009203	0.009203
102	B200200153	BOM	N/A	3	0.009203	0.027609
103	B200200156	BOM	N/A	5	0.011856	0.059280
104	B200200158	BOM	N/A	1	0.007791	0.007791
105	B200220018	BOM	N/A	3	0.002416	0.007248
106	B200220020	BOM	N/A	1	0.002337	0.002337
107	B200220053	BOM	N/A	1	0.002537	0.002537
108	B200230057	BOM	N/A	1	0.033872	0.033872
109	B200230198	BOM	N/A	6	0.062408	0.374448
110	B200230210	BOM	N/A	2	0.054152	0.108304
111	B200230276	BOM	N/A	1	0.029497	0.029497
112	B200230277	BOM	N/A	3	0.044485	0.133455

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113	B200230288	BOM	N/A	2	0.020633	0.041266
114	B200230338	BOM	N/A	3	0.031231	0.093693
115	B200230397	BOM	N/A	2	0.186546	0.373092
116	B200250009	BOM	NMIL	1	0.088835	0.088835
117	B200260204	BOM	NMIL	1	0.094402	0.094402
118	B200260246	BOM	NMIL	1	0.094402	0.094402
119	B200260293	BOM	NMIL	1	0.094402	0.094402
120	B200260302	BOM	NMIL	1	0.094402	0.094402
121	B200280012	BOM	NMIL	3	0.015958	0.047874
122	B200300219	BOM	NMIL	1	0.004122	0.004122
123	B200300236	BOM	NMIL	1	0.004122	0.004122
124	B200300273	BOM	NMIL	1	0.028030	0.028030
125	B200300274	BOM	NMIL	1	0.004122	0.004122
126	B200310003	BOM	NMIL	1	0.032807	0.032807
127	B210140041	BOM	KNOWNFR	2	2.135275	4.270550
128	B210160025	BOM	N/A	1	0.010000	0.010000
129	B210191847	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 9.538364
Mean Time (in hours) Between Failures (MTBF) : **104,840**