

ZIPPY TECHNOLOGY CORP
10F.,No.50,MINQUAN RD.,
XINDIAN DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.
RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL-HDBK-217F, Notice 2

Date : OCT-28-2014 Time : 14:58:38
End Item Title : G1W SERIES MTBF
End Item Part Number : G1W-2AE0G2 (RoHS)
G1W-2AE0G2 (RoHS) MTBF : 113,164
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : G1W / MTBF
Module Reference Designation : G1W
Environmental Condition : GB
Ambient Temperature: 25°C

G1W-2AE0G2 (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B105210006	BOM	SPECIAL	1	0.197783	0.197783
2	B105590002	BOM	SPECIAL	1	0.204674	0.204674
3	B105590003	BOM	SPECIAL	1	0.072499	0.072499
4	B105590004	BOM	SPECIAL	1	0.206970	0.206970
5	B200000080	BOM	NMIL	1	0.029346	0.029346
6	B200000092	BOM	NMIL	1	0.029860	0.029860
7	B200000144	BOM	NMIL	1	0.033691	0.033691
8	B200000247	BOM	NMIL	1	0.030234	0.030234
9	B200000268	BOM	NMIL	1	0.030234	0.030234
10	B200000272	BOM	NMIL	1	0.030234	0.030234
11	B200000277	BOM	NMIL	1	0.031585	0.031585
12	B200000281	BOM	NMIL	1	0.030234	0.030234
13	B200000308	BOM	NMIL	3	0.030903	0.092709
14	B200000333	BOM	NMIL	3	0.033691	0.101073
15	B200000377	BOM	NMIL	1	0.031585	0.031585
16	B200000553	BOM	NMIL	1	0.031799	0.031799
17	B200010009	BOM	NMIL	1	0.000438	0.000438
18	B200010022	BOM	NMIL	3	0.000438	0.001314
19	B200010052	BOM	NMIL	1	0.000326	0.000326
20	B200010109	BOM	NMIL	6	0.000798	0.004788
21	B200010147	BOM	NMIL	6	0.031875	0.191250
22	B200010192	BOM	NMIL	4	0.008827	0.035308
23	B200010205	BOM	NMIL	3	0.031875	0.095625
24	B200010228	BOM	NMIL	4	0.031875	0.127500

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25	B200020017	BOM	NMIL	1	0.005156	0.005156
26	B200020018	BOM	NMIL	2	0.005156	0.010312
27	B200020024	BOM	NMIL	6	0.005156	0.030936
28	B200020034	BOM	NMIL	1	0.005156	0.005156
29	B200030019	BOM	NMIL	2	0.007617	0.015234
30	B200030069	BOM	NMIL	2	0.007617	0.015234
31	B200030080	BOM	NMIL	1	0.005259	0.005259
32	B200030082	BOM	NMIL	4	0.007617	0.030468
33	B200040015	BOM	NMIL	1	0.005967	0.005967
34	B200040073	BOM	NMIL	17	0.005967	0.101439
35	B200040104	BOM	NMIL	1	0.016111	0.016111
36	B200040110	BOM	NMIL	1	0.016111	0.016111
37	B200040120	BOM	NMIL	1	0.005967	0.005967
38	B200050036	BOM	NMIL	5	0.005218	0.026090
39	B200050040	BOM	NMIL	1	0.005218	0.005218
40	B200050045	BOM	NMIL	1	0.005218	0.005218
41	B200050085	BOM	NMIL	2	0.005218	0.010436
42	B200050086	BOM	NMIL	2	0.005218	0.010436
43	B200060024	BOM	NMIL	2	0.014607	0.029214
44	B200090005	BOM	NMIL	1	0.001518	0.001518
45	B200110001	BOM	NMIL	2	0.004650	0.009300
46	B200110035	BOM	NMIL	1	0.004650	0.004650
47	B200110040	BOM	NMIL	1	0.004650	0.004650
48	B200110042	BOM	NMIL	1	0.004650	0.004650
49	B200110046	BOM	NMIL	1	0.004650	0.004650
50	B200110120	BOM	NMIL	1	0.004650	0.004650
51	B200110123	BOM	NMIL	1	0.004650	0.004650
52	B200110127	BOM	NMIL	4	0.007440	0.029760
53	B200110151	BOM	NMIL	1	0.004650	0.004650
54	B200110162	BOM	NMIL	1	0.004650	0.004650
55	B200110172	BOM	NMIL	1	0.004650	0.004650
56	B200110261	BOM	NMIL	1	0.004650	0.004650
57	B200110270	BOM	NMIL	2	0.004650	0.009300
58	B200110276	BOM	NMIL	1	0.004650	0.004650
59	B200110282	BOM	NMIL	5	0.004650	0.023250
60	B200110487	BOM	NMIL	2	0.004650	0.009300
61	B200110506	BOM	NMIL	1	0.004650	0.004650
62	B200110512	BOM	NMIL	2	0.004650	0.009300
63	B200110528	BOM	NMIL	1	0.004650	0.004650
64	B200110531	BOM	NMIL	1	0.004650	0.004650
65	B200110542	BOM	NMIL	1	0.004650	0.004650
66	B200110551	BOM	NMIL	1	0.004650	0.004650
67	B200110557	BOM	NMIL	2	0.007440	0.014880
68	B200110564	BOM	NMIL	1	0.004650	0.004650

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69	B200110626	BOM	NMIL	1	0.004650	0.004650
70	B200110635	BOM	NMIL	1	0.004650	0.004650
71	B200110691	BOM	NMIL	1	0.004650	0.004650
72	B200110696	BOM	NMIL	3	0.007440	0.022320
73	B200110729	BOM	NMIL	2	0.004650	0.009300
74	B200110731	BOM	NMIL	3	0.004650	0.013950
75	B200110733	BOM	NMIL	15	0.004650	0.069750
76	B200110738	BOM	NMIL	6	0.004650	0.027900
77	B200110740	BOM	NMIL	1	0.004650	0.004650
78	B200110744	BOM	NMIL	1	0.004650	0.004650
79	B200110746	BOM	NMIL	4	0.004650	0.018600
80	B200110776	BOM	NMIL	1	0.004650	0.004650
81	B200110807	BOM	NMIL	1	0.004650	0.004650
82	B200110811	BOM	NMIL	1	0.004650	0.004650
83	B200110819	BOM	NMIL	1	0.004650	0.004650
84	B200110834	BOM	NMIL	1	0.004650	0.004650
85	B200110842	BOM	NMIL	1	0.004650	0.004650
86	B200110844	BOM	NMIL	1	0.004650	0.004650
87	B200110847	BOM	NMIL	1	0.004650	0.004650
88	B200110854	BOM	NMIL	8	0.004650	0.037200
89	B200110869	BOM	NMIL	1	0.004650	0.004650
90	B200110872	BOM	NMIL	1	0.004650	0.004650
91	B200111013	BOM	NMIL	1	0.004650	0.004650
92	B200111022	BOM	NMIL	1	0.004650	0.004650
93	B200111024	BOM	NMIL	1	0.004650	0.004650
94	B200111025	BOM	NMIL	2	0.007440	0.014880
95	B200111026	BOM	NMIL	4	0.004650	0.018600
96	B200120146	BOM	NMIL	1	0.008705	0.008705
97	B200120198	BOM	NMIL	1	0.007735	0.007735
98	B200160017	BOM	NMIL	1	0.065000	0.065000
99	B200160022	BOM	NMIL	1	0.065000	0.065000
100	B200170019	BOM	NMIL	2	0.004875	0.009750
101	B200170031	BOM	NMIL	5	0.004875	0.024375
102	B200170049	BOM	NMIL	3	0.004875	0.014625
103	B200180075	BOM	NMIL	1	0.009327	0.009327
104	B200180079	BOM	NMIL	1	0.008923	0.008923
105	B200190073	BOM	NMIL	1	0.017894	0.017894
106	B200200057	BOM	NMIL	1	0.018108	0.018108
107	B200200071	BOM	NMIL	1	0.006048	0.006048
108	B200200074	BOM	NMIL	6	0.015274	0.091644
109	B200200083	BOM	NMIL	1	0.007144	0.007144
110	B200200107	BOM	NMIL	1	0.016657	0.016657
111	B200200113	BOM	NMIL	1	0.009203	0.009203

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112	B200200114	BOM	NMIL	4	0.011856	0.047424
113	B200200115	BOM	NMIL	1	0.007791	0.007791
114	B200200116	BOM	NMIL	3	0.007144	0.021432
115	B200200118	BOM	NMIL	3	0.015274	0.045822
116	B200200120	BOM	NMIL	2	0.010911	0.021822
117	B200200141	BOM	NMIL	1	0.015274	0.015274
118	B200200158	BOM	NMIL	1	0.007791	0.007791
119	B200200170	BOM	NMIL	2	0.014056	0.028112
120	B200220042	BOM	NMIL	3	0.012681	0.038043
121	B200220063	BOM	NMIL	1	0.012681	0.012681
122	B200230026	BOM	NMIL	1	0.050508	0.050508
123	B200230057	BOM	NMIL	1	0.031594	0.031594
124	B200230281	BOM	NMIL	4	0.033370	0.133480
125	B200230338	BOM	NMIL	1	0.029130	0.029130
126	B200230347	BOM	NMIL	1	0.019246	0.019246
127	B200230381	BOM	NMIL	1	0.047121	0.047121
128	B200230417	BOM	NMIL	1	0.032978	0.032978
129	B200230433	BOM	NMIL	6	0.048735	0.292410
130	B200230465	BOM	NMIL	2	0.173370	0.346740
131	B200250009	BOM	NMIL	1	0.023160	0.023160
132	B200260228	BOM	NMIL	1	0.027440	0.027440
133	B200260231	BOM	NMIL	1	0.027440	0.027440
134	B200260370	BOM	NMIL	2	0.027440	0.054880
135	B200260371	BOM	NMIL	2	0.027440	0.054880
136	B200260372	BOM	NMIL	1	0.027440	0.027440
137	B200280012	BOM	NMIL	1	0.015958	0.015958
138	B200290005	BOM	NMIL	1	0.013740	0.013740
139	B200300382	BOM	NMIL	2	0.003845	0.007690
140	B200300406	BOM	NMIL	1	0.003845	0.003845
141	B200300409	BOM	NMIL	1	0.003845	0.003845
142	B200300428	BOM	NMIL	1	0.026144	0.026144
143	B200310010	BOM	NMIL	1	0.027383	0.027383
144	B210140052	BOM	SPECIAL	2	2.197912	4.395824
145	B210160025	BOM	NMIL	1	0.010000	0.010000
146	B210192200	BOM	NMIL	1	0.014656	0.014656

Total Failure Rate (F/10⁶Hrs) : 8.836741
Mean Time (in hours) Between Failures (MTBF) : 113,164