

ZIPPY TECHNOLOGY CORP
10F, No.50, MIN CHYUAN RD
SHIN-TIEN, TAIPEI HSIEN, TAIWAN, R.O.C.

RELIABILITY PREDICTION STANDARD REPORT						
(Sorted by Part Number)						
MIL - HDBK - 217F, Notice 2						
Date : AUG-02-2010 Time : 14:42:35						
End Item Title : M1Z SERIES MTBF						
End Item Part Number : M1Z-5550V (RoHS)						
Module Title : ZIPPY TECHNOLOGY CORP						
Module Part Number : M1Z/MTBF						
Module Reference Designation : M1Z						
Environmental Condition : GB						
Ambient Temperature: 25°C						
<u>M1Z-5550V (RoHS)</u>						
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	B102330004	BOM	NMIL	1	0.069564	0.069564
3	B102540002	BOM	NMIL	1	0.582975	0.582975
4	B102540003	BOM	NMIL	1	0.582975	0.582975
5	B102540004	BOM	NMIL	1	0.879263	0.879263
6	B200000001	BOM	SPECIAL	1	0.094935	0.094935
7	B200000058	BOM	SPECIAL	1	0.094935	0.094935
8	B200000092	BOM	SPECIAL	1	0.096834	0.096834
9	B200000242	BOM	SPECIAL	1	0.094935	0.094935
10	B200000252	BOM	SPECIAL	2	0.094935	0.189870
11	B200000276	BOM	SPECIAL	1	0.094935	0.094935
12	B200000316	BOM	SPECIAL	2	0.094935	0.189870
13	B200010022	BOM	NMIL	2	0.000798	0.001596
14	B200010052	BOM	NMIL	2	0.000798	0.001596
15	B200010056	BOM	NMIL	5	0.000798	0.003990
16	B200010057	BOM	NMIL	2	0.032026	0.064052
17	B200010067	BOM	NMIL	2	0.000798	0.001596
18	B200010080	BOM	NMIL	2	0.032026	0.064052
19	B200010081	BOM	NMIL	2	0.032026	0.064052
20	B200010083	BOM	NMIL	2	0.000814	0.001628
21	B200010084	BOM	NMIL	1	0.032026	0.032026
22	B200020004	BOM	NMIL	12	0.005156	0.061872
23	B200020014	BOM	NMIL	1	0.006751	0.006751
24	B200020021	BOM	NMIL	1	0.006751	0.006751
25	B200030019	BOM	NMIL	1	0.007617	0.007617

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26	B200030030	BOM	NMIL	1	0.007617	0.007617
27	B200040068	BOM	NMIL	1	0.016433	0.016433
28	B200040069	BOM	NMIL	1	0.002929	0.002929
29	B200050024	BOM	NMIL	2	0.005218	0.010436
30	B200050037	BOM	NMIL	4	0.005218	0.020872
31	B200050039	BOM	NMIL	1	0.005218	0.005218
32	B200050054	BOM	NMIL	1	0.090589	0.090589
33	B200060009	BOM	NMIL	1	0.014899	0.014899
34	B200090005	BOM	NMIL	1	0.001518	0.001518
35	B200110001	BOM	NMIL	2	0.004650	0.009300
36	B200110021	BOM	NMIL	2	0.004650	0.009300
37	B200110035	BOM	NMIL	2	0.004650	0.009300
38	B200110040	BOM	NMIL	9	0.004650	0.041850
39	B200110042	BOM	NMIL	4	0.004650	0.018600
40	B200110046	BOM	NMIL	15	0.004650	0.069750
41	B200110120	BOM	NMIL	4	0.004650	0.018600
42	B200110123	BOM	NMIL	1	0.004650	0.004650
43	B200110131	BOM	NMIL	1	0.004650	0.004650
44	B200110141	BOM	NMIL	1	0.004650	0.004650
45	B200110151	BOM	NMIL	1	0.004650	0.004650
46	B200110172	BOM	NMIL	4	0.004650	0.018600
47	B200110177	BOM	NMIL	1	0.004650	0.004650
48	B200110190	BOM	NMIL	2	0.004650	0.009300
49	B200110202	BOM	NMIL	1	0.004650	0.004650
50	B200110227	BOM	NMIL	6	0.004650	0.027900
51	B200110235	BOM	NMIL	3	0.004650	0.013950
52	B200110276	BOM	NMIL	4	0.004650	0.018600
53	B200110279	BOM	NMIL	1	0.004650	0.004650
54	B200110282	BOM	NMIL	8	0.004650	0.037200
55	B200110296	BOM	NMIL	2	0.004650	0.009300
56	B200110303	BOM	NMIL	4	0.005115	0.020460
57	B200110309	BOM	NMIL	1	0.004650	0.004650
58	B200110313	BOM	NMIL	1	0.004650	0.004650
59	B200110340	BOM	NMIL	1	0.004650	0.004650
60	B200110348	BOM	NMIL	1	0.004650	0.004650
61	B200110402	BOM	NMIL	1	0.004650	0.004650
62	B200110463	BOM	NMIL	1	0.005115	0.005115
63	B200110487	BOM	NMIL	1	0.004650	0.004650
64	B200110514	BOM	NMIL	1	0.004650	0.004650
65	B200110525	BOM	NMIL	1	0.004650	0.004650
66	B200110582	BOM	NMIL	1	0.004650	0.004650
67	B200120015	BOM	NMIL	1	0.007557	0.007557
68	B200120031	BOM	NMIL	1	0.006870	0.006870
69	B200120119	BOM	NMIL	2	0.005425	0.010850

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70	B200120154	BOM	NMIL	1	0.008509	0.008509
71	B200120162	BOM	NMIL	1	0.007735	0.007735
72	B200160011	BOM	NMIL	1	0.065000	0.065000
73	B200160025	BOM	NMIL	1	0.065000	0.065000
74	B200170019	BOM	NMIL	2	0.004875	0.009750
75	B200170020	BOM	NMIL	2	0.004875	0.009750
76	B200180015	BOM	N/A	3	0.008923	0.026769
77	B200190022	BOM	N/A	1	0.015889	0.015889
78	B200190033	BOM	N/A	1	0.013308	0.013308
79	B200190035	BOM	N/A	1	0.015889	0.015889
80	B200200017	BOM	N/A	5	0.011856	0.059280
81	B200200057	BOM	N/A	2	0.018108	0.036216
82	B200200060	BOM	N/A	1	0.012930	0.012930
83	B200200061	BOM	N/A	2	0.008470	0.016940
84	B200200062	BOM	N/A	3	0.007791	0.023373
85	B200200066	BOM	N/A	1	0.010911	0.010911
86	B200200069	BOM	N/A	1	0.006575	0.006575
87	B200200074	BOM	N/A	4	0.015274	0.061096
88	B200220018	BOM	N/A	2	0.002416	0.004832
89	B200220021	BOM	N/A	1	0.002337	0.002337
90	B200220036	BOM	N/A	1	0.002647	0.002647
91	B200230036	BOM	N/A	1	0.051518	0.051518
92	B200230149	BOM	N/A	1	0.055917	0.055917
93	B200230198	BOM	N/A	5	0.059374	0.296870
94	B200230226	BOM	N/A	1	0.022678	0.022678
95	B200230275	BOM	N/A	4	0.029713	0.118850
96	B200230276	BOM	N/A	1	0.027962	0.027962
97	B200230277	BOM	N/A	2	0.042323	0.084646
98	B200230312	BOM	N/A	1	0.176837	0.176837
99	B200250009	BOM	NMIL	1	0.023623	0.023623
100	B200250011	BOM	NMIL	1	0.023623	0.023623
101	B200260085	BOM	NMIL	1	0.027989	0.027989
102	B200260175	BOM	NMIL	1	0.027989	0.027989
103	B200260176	BOM	NMIL	1	0.027989	0.027989
104	B200260225	BOM	NMIL	1	0.027989	0.027989
105	B200280012	BOM	NMIL	1	0.015958	0.015958
106	B200290009	BOM	NMIL	2	0.013740	0.027480
107	B200300166	BOM	NMIL	1	0.003922	0.003922
108	B200300219	BOM	NMIL	1	0.003922	0.003922
109	B200300237	BOM	NMIL	1	0.003922	0.003922
110	B200300238	BOM	NMIL	1	0.026667	0.026667
111	B200310004	BOM	NMIL	1	0.031212	0.031212
112	B210140015	BOM	KNOWNFR	2	1.947362	3.894724
113	B210160021	BOM	N/A	1	0.010000	0.010000

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114	B210190674	N/A	STANDARD	1	0.022077	0.022077
115	B210190890	N/A	STANDARD	1	0.020588	0.020588
			Total Failure Rate (F/10 ⁶ Hrs) :			9.500020
			Mean Time (in hours) Between Failures (MTBF) :			105,263