

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 : NOV-13-2009 Time : 09:05:12						
End Item Title : MRG SERIES MTBF						
End Item Part Number : MRG-3800V-R (RoHS)						
Module Title : ZIPPY TECHNOLOGY CORP						
Module Part Number : MRG/MTBF						
Module Reference Designation : MRG						
Environmental Condition : GB						
Ambient Temperature: 25						
<u>MRG-3800V-R (RoHS)</u>						
ITEM	Part	Ref	Qual	Quant	Individual	Total
#	Number	Desig	Level		Failure Rate	Failure Rate
					(F/10 ⁶ Hrs)	(F/10 ⁶ Hrs)
1	B102130002	BOM	NMIL	1	0.074349	0.074349
2	B102680004	BOM	NMIL	1	0.216158	0.216158
3	B102720004	BOM	NMIL	1	0.069564	0.069564
4	B103210004	BOM	NMIL	1	0.065162	0.065162
5	B200000058	BOM	SPECIAL	1	0.094935	0.094935
6	B200000080	BOM	SPECIAL	2	0.094935	0.189870
7	B200000144	BOM	SPECIAL	1	0.094935	0.094935
8	B200000252	BOM	SPECIAL	1	0.094935	0.094935
9	B200000308	BOM	SPECIAL	3	0.094935	0.284805
10	B200000385	BOM	SPECIAL	1	0.094935	0.094935
11	B200010022	BOM	NMIL	1	0.000798	0.000798
12	B200010052	BOM	NMIL	1	0.000798	0.000798
13	B200010056	BOM	NMIL	5	0.000798	0.003990
14	B200010057	BOM	NMIL	3	0.031398	0.094194
15	B200010067	BOM	NMIL	2	0.000798	0.001596
16	B200010080	BOM	NMIL	3	0.031398	0.094194
17	B200010081	BOM	NMIL	2	0.031398	0.062796
18	B200010083	BOM	NMIL	1	0.000798	0.000798
19	B200010084	BOM	NMIL	1	0.031398	0.031398
20	B200020004	BOM	NMIL	10	0.005156	0.051555
21	B200030019	BOM	NMIL	1	0.001995	0.001995

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

22	B200040012	BOM	NMIL	1	0.005967	0.005967
23	B200040059	BOM	NMIL	1	0.005967	0.005967
24	B200040063	BOM	NMIL	1	0.016111	0.016111
25	B200040067	BOM	NMIL	1	0.016111	0.016111
26	B200050039	BOM	NMIL	1	0.005218	0.005218
27	B200050040	BOM	NMIL	3	0.005218	0.015654
28	B200050045	BOM	NMIL	1	0.005218	0.005218
29	B200050060	BOM	NMIL	1	0.005218	0.005218
30	B200060009	BOM	NMIL	1	0.014607	0.014607
31	B200090006	BOM	NMIL	1	0.018095	0.018095
32	B200110035	BOM	NMIL	1	0.004650	0.004650
33	B200110042	BOM	NMIL	4	0.004650	0.018600
34	B200110046	BOM	NMIL	13	0.004650	0.060450
35	B200110120	BOM	NMIL	3	0.004650	0.013950
36	B200110123	BOM	NMIL	1	0.004650	0.004650
37	B200110130	BOM	NMIL	1	0.004650	0.004650
38	B200110172	BOM	NMIL	1	0.004650	0.004650
39	B200110177	BOM	NMIL	1	0.004650	0.004650
40	B200110192	BOM	NMIL	2	0.004650	0.009300
41	B200110227	BOM	NMIL	2	0.004650	0.009300
42	B200110261	BOM	NMIL	2	0.004650	0.009300
43	B200110270	BOM	NMIL	3	0.004650	0.013950
44	B200110282	BOM	NMIL	6	0.004650	0.027900
45	B200110303	BOM	NMIL	4	0.005115	0.020460
46	B200110343	BOM	NMIL	1	0.004650	0.004650
47	B200110398	BOM	NMIL	1	0.004650	0.004650
48	B200110444	BOM	NMIL	1	0.004650	0.004650
49	B200110489	BOM	NMIL	2	0.004650	0.009300
50	B200110503	BOM	NMIL	1	0.005115	0.005115
51	B200110506	BOM	NMIL	2	0.004650	0.009300
52	B200110508	BOM	NMIL	1	0.004650	0.004650
53	B200110510	BOM	NMIL	1	0.004650	0.004650
54	B200110512	BOM	NMIL	3	0.004650	0.013950
55	B200110523	BOM	NMIL	1	0.004650	0.004650
56	B200110525	BOM	NMIL	1	0.004650	0.004650
57	B200110529	BOM	NMIL	5	0.004650	0.023250
58	B200110530	BOM	NMIL	1	0.004650	0.004650
59	B200110541	BOM	NMIL	1	0.004650	0.004650
60	B200110544	BOM	NMIL	1	0.004650	0.004650
61	B200110550	BOM	NMIL	1	0.004650	0.004650

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

62	B200110554	BOM	NMIL	10	0.004650	0.046500
63	B200110561	BOM	NMIL	1	0.004650	0.004650
64	B200110588	BOM	NMIL	1	0.004650	0.004650
65	B200110600	BOM	NMIL	1	0.004650	0.004650
66	B200110606	BOM	NMIL	1	0.004650	0.004650
67	B200110626	BOM	NMIL	1	0.004650	0.004650
68	B200110641	BOM	NMIL	1	0.005115	0.005115
69	B200110694	BOM	NMIL	3	0.004650	0.013950
70	B200110695	BOM	NMIL	3	0.007440	0.022320
71	B200110696	BOM	NMIL	3	0.007440	0.022320
72	B200120154	BOM	NMIL	1	0.008509	0.008509
73	B200160017	BOM	NMIL	1	0.065000	0.065000
74	B200160036	BOM	NMIL	1	0.065000	0.065000
75	B200170021	BOM	NMIL	3	0.008810	0.026430
76	B200180015	BOM	N/A	2	0.008923	0.017846
77	B200180018	BOM	N/A	1	0.009327	0.009327
78	B200190024	BOM	N/A	1	0.015889	0.015889
79	B200190033	BOM	N/A	1	0.013308	0.013308
80	B200200006	BOM	N/A	1	0.007144	0.007144
81	B200200012	BOM	N/A	1	0.009203	0.009203
82	B200200017	BOM	N/A	8	0.011856	0.094848
83	B200200060	BOM	N/A	2	0.012930	0.025860
84	B200200061	BOM	N/A	4	0.008470	0.033880
85	B200200062	BOM	N/A	1	0.007791	0.007791
86	B200200071	BOM	N/A	1	0.006048	0.006048
87	B200200074	BOM	N/A	1	0.015274	0.015274
88	B200220028	BOM	N/A	1	0.002647	0.002647
89	B200230057	BOM	N/A	1	0.031594	0.031594
90	B200230198	BOM	N/A	5	0.058210	0.291050
91	B200230210	BOM	N/A	2	0.050508	0.101016
92	B200230213	BOM	N/A	3	0.029130	0.087390
93	B200230217	BOM	N/A	3	0.041493	0.124479
94	B200230236	BOM	N/A	1	0.016788	0.016788
95	B200230350	BOM	N/A	3	0.144509	0.433527
96	B200250009	BOM	NMIL	1	0.023160	0.023160
97	B200260175	BOM	NMIL	1	0.043960	0.043960
98	B200260195	BOM	NMIL	1	0.043960	0.043960
99	B200260198	BOM	NMIL	1	0.043960	0.043960
100	B200260236	BOM	NMIL	1	0.043960	0.043960
101	B200280012	BOM	NMIL	3	0.015958	0.047874

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

102	B200290005	BOM	NMIL	2	0.013740	0.027480
103	B200300219	BOM	NMIL	1	0.003845	0.003845
104	B200300236	BOM	NMIL	1	0.003845	0.003845
105	B200300244	BOM	NMIL	1	0.026144	0.026144
106	B200300305	BOM	NMIL	1	0.003845	0.003845
107	B210090072	BOM	KNOWNFR	2	1.915659	3.831318
108	B210160001	BOM	N/A	1	0.010000	0.010000
109	B210191046	N/A	STANDARD	1	0.022077	0.022077
			Total Failure Rate (F/10^6Hrs) :			7.869182
		Mean Time (in hours) Between Failures (MTBF) :				127,078