

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 : MAY-06-2010 Time : 16:25:53						
End Item Title : M1K SERIES MTBF						
End Item Part Number : M1K-2A00V (RoHS)						
Module Title : ZIPPY TECHNOLOGY CORP						
Module Part Number : M1K/MTBF						
Module Reference Designation : M1K						
Environmental Condition : GB						
Ambient Temperature: 25°C						
<u>M1K-2A00V (RoHS)</u>						
ITEM	Part	Ref	Qual	Quant	Individual	Total
#	Number	Desig	Level		Failure Rate	Failure Rate
					(F/10^6Hrs)	(F/10^6Hrs)
1	B102330003	BOM	NMIL	1	0.132621	0.132621
2	B102330005	BOM	NMIL	1	0.125731	0.125731
3	B102620003	BOM	NMIL	1	0.074349	0.074349
4	B103180007	BOM	NMIL	1	0.044939	0.044939
5	B103430007	BOM	NMIL	1	0.071032	0.071032
6	B103690002	BOM	NMIL	1	0.128027	0.128027
7	B103690003	BOM	NMIL	1	0.008316	0.008316
8	B103690004	BOM	NMIL	1	1.222003	1.222003
9	B200000001	BOM	SPECIAL	1	0.094935	0.094935
10	B200000296	BOM	SPECIAL	1	0.094935	0.094935
11	B200000332	BOM	SPECIAL	2	0.094935	0.189870
12	B200000333	BOM	SPECIAL	1	0.094935	0.094935
13	B200000364	BOM	SPECIAL	1	0.094935	0.094935
14	B200010052	BOM	NMIL	4	0.000798	0.003192
15	B200010091	BOM	NMIL	1	0.000798	0.000798
16	B200010098	BOM	NMIL	1	0.000798	0.000798
17	B200010105	BOM	NMIL	7	0.031398	0.219786
18	B200010109	BOM	NMIL	7	0.000798	0.005586
19	B200010147	BOM	NMIL	4	0.031398	0.125592
20	B200020017	BOM	NMIL	2	0.005156	0.010312
21	B200020020	BOM	NMIL	2	0.005156	0.010312

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22	B200020021	BOM	NMIL	1	0.006751	0.006751
23	B200030037	BOM	NMIL	2	0.007617	0.015234
24	B200040053	BOM	NMIL	1	0.016111	0.016111
25	B200040065	BOM	NMIL	1	0.005967	0.005967
26	B200040073	BOM	NMIL	13	0.005967	0.077571
27	B200040083	BOM	NMIL	1	0.016111	0.016111
28	B200040085	BOM	NMIL	1	0.016111	0.016111
29	B200050024	BOM	NMIL	1	0.005218	0.005218
30	B200050032	BOM	NMIL	7	0.005218	0.036526
31	B200050070	BOM	NMIL	2	0.005218	0.010436
32	B200060009	BOM	NMIL	1	0.014607	0.014607
33	B200070008	BOM	NMIL	2	0.008352	0.016703
34	B200090005	BOM	NMIL	1	0.001518	0.001518
35	B200110006	BOM	NMIL	2	0.004650	0.009300
36	B200110042	BOM	NMIL	6	0.004650	0.027900
37	B200110095	BOM	NMIL	10	0.004650	0.046500
38	B200110120	BOM	NMIL	4	0.004650	0.018600
39	B200110123	BOM	NMIL	2	0.004650	0.009300
40	B200110172	BOM	NMIL	6	0.004650	0.027900
41	B200110192	BOM	NMIL	2	0.004650	0.009300
42	B200110202	BOM	NMIL	1	0.004650	0.004650
43	B200110223	BOM	NMIL	4	0.005115	0.020460
44	B200110227	BOM	NMIL	6	0.004650	0.027900
45	B200110235	BOM	NMIL	3	0.004650	0.013950
46	B200110276	BOM	NMIL	4	0.004650	0.018600
47	B200110279	BOM	NMIL	2	0.004650	0.009300
48	B200110282	BOM	NMIL	5	0.004650	0.023250
49	B200110311	BOM	NMIL	1	0.004650	0.004650
50	B200110313	BOM	NMIL	1	0.004650	0.004650
51	B200110489	BOM	NMIL	1	0.004650	0.004650
52	B200110493	BOM	NMIL	6	0.005115	0.030690
53	B200110494	BOM	NMIL	2	0.004650	0.009300
54	B200110502	BOM	NMIL	1	0.004650	0.004650
55	B200110503	BOM	NMIL	1	0.005115	0.005115
56	B200110506	BOM	NMIL	2	0.004650	0.009300
57	B200110524	BOM	NMIL	1	0.004650	0.004650
58	B200110525	BOM	NMIL	1	0.004650	0.004650
59	B200110551	BOM	NMIL	1	0.004650	0.004650
60	B200110583	BOM	NMIL	1	0.004650	0.004650
61	B200110608	BOM	NMIL	3	0.007440	0.022320

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62	B200110668	BOM	NMIL	1	0.004650	0.004650
63	B200120170	BOM	NMIL	1	0.010780	0.010780
64	B200120171	BOM	NMIL	1	0.011030	0.011030
65	B200160028	BOM	NMIL	1	0.065000	0.065000
66	B200170018	BOM	NMIL	2	0.004875	0.009750
67	B200170032	BOM	NMIL	3	0.004875	0.014625
68	B200180075	BOM	N/A	2	0.008923	0.017846
69	B200180079	BOM	N/A	1	0.008923	0.008923
70	B200190024	BOM	N/A	1	0.015889	0.015889
71	B200190065	BOM	N/A	1	0.014104	0.014104
72	B200200012	BOM	N/A	2	0.009203	0.018406
73	B200200017	BOM	N/A	8	0.011856	0.094848
74	B200200053	BOM	N/A	4	0.014056	0.056224
75	B200200057	BOM	N/A	1	0.018108	0.018108
76	B200200060	BOM	N/A	4	0.012930	0.051720
77	B200200062	BOM	N/A	1	0.007791	0.007791
78	B200200069	BOM	N/A	1	0.006575	0.006575
79	B200200096	BOM	N/A	2	0.008147	0.016294
80	B200220010	BOM	N/A	1	0.002761	0.002761
81	B200220021	BOM	N/A	1	0.002337	0.002337
82	B200220036	BOM	N/A	2	0.002647	0.005294
83	B200220041	BOM	N/A	1	0.002198	0.002198
84	B200230226	BOM	N/A	3	0.022233	0.066699
85	B200230277	BOM	N/A	1	0.041493	0.041493
86	B200230337	BOM	N/A	1	0.022047	0.022047
87	B200230356	BOM	N/A	3	0.044090	0.132270
88	B200230381	BOM	N/A	2	0.047121	0.094242
89	B200230383	BOM	N/A	3	0.150432	0.451296
90	B200260231	BOM	NMIL	1	0.027440	0.027440
91	B200260304	BOM	NMIL	1	0.027440	0.027440
92	B200260305	BOM	NMIL	2	0.027440	0.054880
93	B200260316	BOM	NMIL	1	0.027440	0.027440
94	B200280012	BOM	NMIL	2	0.015958	0.031916
95	B200290009	BOM	NMIL	4	0.013740	0.054960
96	B200290011	BOM	NMIL	2	0.013740	0.027480
97	B200300283	BOM	NMIL	1	0.026144	0.026144
98	B200300284	BOM	NMIL	1	0.003845	0.003845
99	B210090139	BOM	KNOWNFR	1	2.000220	2.000220
100	B210160025	BOM	N/A	1	0.010000	0.010000
101	B210191273	N/A	STANDARD	1	0.020588	0.020588

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			Total Failure Rate (F/10 ⁶ Hrs) :			6.948257
			Mean Time (in hours) Between Failures (MTBF) :			143,921