

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 : APR-01-2015 Time : 11:19:52
End Item Title : M1K SERIES MTBF
End Item Part Number : M1K-2A10V(PMBus NP1.2)(RoHS)
M1K-2A10V(PMBus NP1.2)(RoHS) MTBF : 139,349
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : M1K / MTBF
Module Reference Designation : M1K
Environmental Condition : GB
Ambient Temperature: 25°C

M1K-2A10V(PMBus NP1.2)(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
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	B103690062	BOM	NMIL	1	0.039645	0.039645
10	B200000001	BOM	SPECIAL	1	0.094935	0.094935
11	B200000296	BOM	SPECIAL	1	0.094935	0.094935
12	B200000332	BOM	SPECIAL	2	0.094935	0.189870
13	B200000333	BOM	SPECIAL	1	0.094935	0.094935
14	B200000364	BOM	SPECIAL	1	0.094935	0.094935
15	B200010052	BOM	NMIL	4	0.000798	0.003192
16	B200010091	BOM	NMIL	1	0.000801	0.000801
17	B200010098	BOM	NMIL	1	0.000798	0.000798
18	B200010105	BOM	NMIL	7	0.031524	0.220668
19	B200010109	BOM	NMIL	7	0.000798	0.005586
20	B200010147	BOM	NMIL	4	0.031524	0.126096
21	B200020017	BOM	NMIL	2	0.005156	0.010312
22	B200020020	BOM	NMIL	2	0.005156	0.010312
23	B200020021	BOM	NMIL	1	0.006751	0.006751
24	B200030037	BOM	NMIL	2	0.007617	0.015234

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25	B200040053	BOM	NMIL	1	0.016175	0.016175
26	B200040065	BOM	NMIL	1	0.005967	0.005967
27	B200040073	BOM	NMIL	13	0.005967	0.077571
28	B200040083	BOM	NMIL	1	0.016175	0.016175
29	B200040085	BOM	NMIL	1	0.016175	0.016175
30	B200050024	BOM	NMIL	1	0.005218	0.005218
31	B200050032	BOM	NMIL	7	0.005218	0.036526
32	B200050070	BOM	NMIL	2	0.005218	0.010436
33	B200060009	BOM	NMIL	1	0.014666	0.014666
34	B200070008	BOM	NMIL	2	0.008385	0.016770
35	B200090005	BOM	NMIL	1	0.001518	0.001518
36	B200110006	BOM	NMIL	2	0.004650	0.009300
37	B200110042	BOM	NMIL	6	0.004650	0.027900
38	B200110095	BOM	NMIL	10	0.004650	0.046500
39	B200110120	BOM	NMIL	4	0.004650	0.018600
40	B200110123	BOM	NMIL	2	0.004650	0.009300
41	B200110172	BOM	NMIL	6	0.004650	0.027900
42	B200110192	BOM	NMIL	2	0.004650	0.009300
43	B200110202	BOM	NMIL	1	0.004650	0.004650
44	B200110223	BOM	NMIL	4	0.005115	0.020460
45	B200110227	BOM	NMIL	6	0.004650	0.027900
46	B200110235	BOM	NMIL	3	0.004650	0.013950
47	B200110276	BOM	NMIL	4	0.004650	0.018600
48	B200110279	BOM	NMIL	2	0.004650	0.009300
49	B200110282	BOM	NMIL	5	0.004650	0.023250
50	B200110311	BOM	NMIL	1	0.004650	0.004650
51	B200110313	BOM	NMIL	1	0.004650	0.004650
52	B200110489	BOM	NMIL	1	0.004650	0.004650
53	B200110493	BOM	NMIL	6	0.005115	0.030690
54	B200110494	BOM	NMIL	2	0.004650	0.009300
55	B200110502	BOM	NMIL	1	0.004650	0.004650
56	B200110503	BOM	NMIL	1	0.005115	0.005115
57	B200110506	BOM	NMIL	2	0.004650	0.009300
58	B200110524	BOM	NMIL	1	0.004650	0.004650
59	B200110525	BOM	NMIL	1	0.004650	0.004650
60	B200110551	BOM	NMIL	1	0.004650	0.004650
61	B200110583	BOM	NMIL	1	0.004650	0.004650
62	B200110608	BOM	NMIL	3	0.007440	0.022320
63	B200110668	BOM	NMIL	1	0.004650	0.004650
64	B200120170	BOM	NMIL	1	0.010780	0.010780
65	B200120171	BOM	NMIL	1	0.011030	0.011030
66	B200160028	BOM	NMIL	1	0.065000	0.065000
67	B200170018	BOM	NMIL	2	0.004875	0.009750
68	B200170032	BOM	NMIL	3	0.004875	0.014625

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69	B200180075	BOM	N/A	2	0.008923	0.017846
70	B200180079	BOM	N/A	1	0.008923	0.008923
71	B200190024	BOM	N/A	1	0.015889	0.015889
72	B200190065	BOM	N/A	1	0.014104	0.014104
73	B200200012	BOM	N/A	2	0.009203	0.018406
74	B200200017	BOM	N/A	8	0.011856	0.094848
75	B200200053	BOM	N/A	4	0.014056	0.056224
76	B200200057	BOM	N/A	1	0.018108	0.018108
77	B200200060	BOM	N/A	4	0.012930	0.051720
78	B200200062	BOM	N/A	1	0.007791	0.007791
79	B200200069	BOM	N/A	1	0.006575	0.006575
80	B200200096	BOM	N/A	2	0.008147	0.016294
81	B200220010	BOM	N/A	1	0.002761	0.002761
82	B200220021	BOM	N/A	1	0.002337	0.002337
83	B200220036	BOM	N/A	2	0.002647	0.005294
84	B200220041	BOM	N/A	1	0.002198	0.002198
85	B200230226	BOM	N/A	3	0.022322	0.066966
86	B200230277	BOM	N/A	1	0.041659	0.041659
87	B200230337	BOM	N/A	1	0.022135	0.022135
88	B200230356	BOM	N/A	3	0.044266	0.132798
89	B200230381	BOM	N/A	2	0.047309	0.094618
90	B200230383	BOM	N/A	3	0.151034	0.453102
91	B200260231	BOM	NMIL	1	0.027550	0.027550
92	B200260304	BOM	NMIL	1	0.027550	0.027550
93	B200260305	BOM	NMIL	2	0.027550	0.055100
94	B200260316	BOM	NMIL	1	0.027550	0.027550
95	B200280012	BOM	NMIL	2	0.015958	0.031916
96	B200290009	BOM	NMIL	4	0.013740	0.054960
97	B200290011	BOM	NMIL	2	0.013740	0.027480
98	B200300283	BOM	NMIL	1	0.026249	0.026249
99	B200300284	BOM	NMIL	1	0.003860	0.003860
100	B210090211	BOM	KNOWNFR	1	2.182912	2.182912
101	B210160025	BOM	N/A	1	0.010000	0.010000
102	B210191273	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10^6Hrs) : 7.176201
Mean Time (in hours) Between Failures (MTBF) : 139,349