

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 : MAY-18-2016 Time : 14:18:33
End Item Title : P1U SERIES MTBF
End Item Part Number : P1U-5520K(RoHS)
P1U-5520K(RoHS) MTBF : 165,109
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1U / MTBF
Module Reference Designation : P1U
Environmental Condition : GB
Ambient Temperature: 25°C

P1U-5520K(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102410005	BOM	NMIL	1	0.065353	0.065353
2	B104430015	BOM	NMIL	1	0.078943	0.078943
3	B105130002	BOM	NMIL	1	0.265242	0.265242
4	B105130003	BOM	NMIL	1	0.078943	0.078943
5	B105130006	BOM	NMIL	1	0.246150	0.246150
6	B105320003	BOM	NMIL	1	0.476452	0.476452
7	B200000144	BOM	SPECIAL	1	0.094935	0.094935
8	B200000308	BOM	SPECIAL	2	0.094935	0.189870
9	B200000437	BOM	SPECIAL	1	0.094935	0.094935
10	B200010022	BOM	NMIL	2	0.000798	0.001596
11	B200010052	BOM	NMIL	9	0.000798	0.007182
12	B200010087	BOM	NMIL	2	0.000798	0.001596
13	B200010098	BOM	NMIL	1	0.000798	0.000798
14	B200010109	BOM	NMIL	5	0.000798	0.003990
15	B200010176	BOM	NMIL	1	0.032905	0.032905
16	B200010185	BOM	NMIL	2	0.032905	0.065810
17	B200010192	BOM	NMIL	2	0.000798	0.001596
18	B200010207	BOM	NMIL	3	0.032905	0.098715
19	B200020017	BOM	NMIL	1	0.005156	0.005156
20	B200020020	BOM	NMIL	4	0.005156	0.020624
21	B200020021	BOM	NMIL	1	0.006751	0.006751
22	B200020024	BOM	NMIL	8	0.005156	0.041248
23	B200020034	BOM	NMIL	1	0.005156	0.005156
24	B200030061	BOM	NMIL	2	0.003446	0.006892

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25	B200030062	BOM	NMIL	1	0.005259	0.005259
26	B200040073	BOM	NMIL	1	0.005967	0.005967
27	B200040111	BOM	NMIL	1	0.016884	0.016884
28	B200050032	BOM	NMIL	4	0.005218	0.020872
29	B200050035	BOM	NMIL	1	0.005218	0.005218
30	B200060025	BOM	NMIL	1	0.015308	0.015308
31	B200070007	BOM	NMIL	2	0.006528	0.013056
32	B200110042	BOM	NMIL	9	0.004650	0.041850
33	B200110123	BOM	NMIL	8	0.004650	0.037200
34	B200110192	BOM	NMIL	1	0.004650	0.004650
35	B200110279	BOM	NMIL	8	0.004650	0.037200
36	B200110350	BOM	NMIL	2	0.005115	0.010230
37	B200110496	BOM	NMIL	1	0.004650	0.004650
38	B200110503	BOM	NMIL	1	0.005115	0.005115
39	B200110508	BOM	NMIL	2	0.004650	0.009300
40	B200110512	BOM	NMIL	3	0.004650	0.013950
41	B200110523	BOM	NMIL	2	0.004650	0.009300
42	B200110527	BOM	NMIL	4	0.004650	0.018600
43	B200110530	BOM	NMIL	2	0.004650	0.009300
44	B200110549	BOM	NMIL	1	0.004650	0.004650
45	B200110550	BOM	NMIL	3	0.004650	0.013950
46	B200110564	BOM	NMIL	1	0.004650	0.004650
47	B200110593	BOM	NMIL	4	0.004650	0.018600
48	B200110601	BOM	NMIL	1	0.004650	0.004650
49	B200110609	BOM	NMIL	1	0.004650	0.004650
50	B200110641	BOM	NMIL	1	0.005115	0.005115
51	B200110666	BOM	NMIL	1	0.004650	0.004650
52	B200110737	BOM	NMIL	4	0.004650	0.018600
53	B200160028	BOM	NMIL	1	0.065000	0.065000
54	B200160032	BOM	NMIL	1	0.065000	0.065000
55	B200170056	BOM	NMIL	2	0.004005	0.008010
56	B200180072	BOM	N/A	1	0.008552	0.008552
57	B200180075	BOM	N/A	1	0.008923	0.008923
58	B200190076	BOM	N/A	1	0.016840	0.016840
59	B200190077	BOM	N/A	1	0.016840	0.016840
60	B200190083	BOM	N/A	1	0.014304	0.014304
61	B200200074	BOM	N/A	2	0.015274	0.030548
62	B200200075	BOM	N/A	1	0.018108	0.018108
63	B200200087	BOM	N/A	4	0.014056	0.056224
64	B200200153	BOM	N/A	1	0.009203	0.009203
65	B200200156	BOM	N/A	5	0.011856	0.059280
66	B200200166	BOM	N/A	1	0.012930	0.012930
67	B200220018	BOM	N/A	1	0.002416	0.002416
68	B200220028	BOM	N/A	2	0.002647	0.005294

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69	B200230277	BOM	N/A	1	0.043485	0.043485
70	B200230289	BOM	N/A	1	0.037959	0.037959
71	B200230338	BOM	N/A	1	0.030528	0.030528
72	B200230350	BOM	N/A	3	0.151445	0.454335
73	B200230381	BOM	N/A	1	0.021170	0.021170
74	B200230429	BOM	N/A	7	0.051074	0.357518
75	B200260255	BOM	NMIL	1	0.028757	0.028757
76	B200260266	BOM	NMIL	1	0.028757	0.028757
77	B200280012	BOM	NMIL	1	0.015958	0.015958
78	B200290015	BOM	NMIL	4	0.013740	0.054960
79	B200300399	BOM	NMIL	1	0.027399	0.027399
80	B200300400	BOM	NMIL	1	0.004030	0.004030
81	B200300401	BOM	NMIL	1	0.004030	0.004030
82	B200300417	BOM	NMIL	1	0.004030	0.004030
83	B200300423	BOM	NMIL	1	0.004030	0.004030
84	B210090201	BOM	KNOWNFR	1	2.253066	2.253066
85	B210160037	BOM	N/A	1	0.010000	0.010000
86	B210191911	N/A	STANDARD	1	0.024851	0.024851

Total Failure Rate (F/10⁶Hrs) : 6.056597
Mean Time (in hours) Between Failures (MTBF) : **165,109**