

ZIPPY TECHNOLOGY CORP
10F, No. 50, MIN CHYUAN 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-30-2012 Time : 11:42:25
End Item Title : BB1U SERIES MTBF
End Item Part Number : BB1U-6150V (RoHS)
BB1U-6150V (RoHS) MTBF : 210,649
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : BB1U / MTBF
Module Reference Designation : BB1U
Environmental Condition : GB
Ambient Temperature: 25°C

BB1U-6150V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102730002	BOM	NMIL	1	0.132621	0.132621
2	B102730003	BOM	NMIL	1	0.698409	0.698409
3	B102730004	BOM	NMIL	1	0.072053	0.072053
4	B102730008	BOM	NMIL	1	0.314472	0.314472
5	B102730009	BOM	NMIL	1	0.314472	0.314472
6	B200000274	BOM	SPECIAL	1	0.094935	0.094935
7	B200000276	BOM	SPECIAL	1	0.094935	0.094935
8	B200000296	BOM	SPECIAL	1	0.094935	0.094935
9	B200000308	BOM	SPECIAL	1	0.094935	0.094935
10	B200000357	BOM	SPECIAL	2	0.094935	0.189870
11	B200000358	BOM	SPECIAL	1	0.094935	0.094935
12	B200010047	BOM	NMIL	1	0.031775	0.031775
13	B200010052	BOM	NMIL	2	0.000798	0.001596
14	B200010071	BOM	NMIL	1	0.031775	0.031775
15	B200010080	BOM	NMIL	2	0.031775	0.063550
16	B200010081	BOM	NMIL	1	0.031775	0.031775
17	B200010099	BOM	NMIL	1	0.000798	0.000798
18	B200010109	BOM	NMIL	1	0.000798	0.000798
19	B200010125	BOM	NMIL	1	0.000808	0.000808
20	B200010126	BOM	NMIL	3	0.031775	0.095325
21	B200020004	BOM	NMIL	4	0.005156	0.020624
22	B200020016	BOM	NMIL	1	0.005156	0.005156
23	B200020017	BOM	NMIL	1	0.005156	0.005156
24	B200020020	BOM	NMIL	2	0.005156	0.010312

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25	B200030031	BOM	NMIL	1	0.018136	0.018136
26	B200030040	BOM	NMIL	1	0.018136	0.018136
27	B200040008	BOM	NMIL	1	0.005967	0.005967
28	B200040027	BOM	NMIL	2	0.002929	0.005858
29	B200040081	BOM	NMIL	1	0.117859	0.117859
30	B200040082	BOM	NMIL	1	0.002929	0.002929
31	B200050037	BOM	NMIL	4	0.005218	0.020872
32	B200050069	BOM	NMIL	1	0.005218	0.005218
33	B200110006	BOM	NMIL	1	0.004650	0.004650
34	B200110035	BOM	NMIL	1	0.004650	0.004650
35	B200110040	BOM	NMIL	1	0.004650	0.004650
36	B200110042	BOM	NMIL	10	0.004650	0.046500
37	B200110046	BOM	NMIL	5	0.004650	0.023250
38	B200110058	BOM	NMIL	2	0.004650	0.009300
39	B200110078	BOM	NMIL	1	0.004650	0.004650
40	B200110095	BOM	NMIL	1	0.004650	0.004650
41	B200110123	BOM	NMIL	3	0.004650	0.013950
42	B200110172	BOM	NMIL	2	0.004650	0.009300
43	B200110182	BOM	NMIL	2	0.004650	0.009300
44	B200110192	BOM	NMIL	6	0.004650	0.027900
45	B200110202	BOM	NMIL	3	0.004650	0.013950
46	B200110276	BOM	NMIL	2	0.004650	0.009300
47	B200110279	BOM	NMIL	2	0.004650	0.009300
48	B200110282	BOM	NMIL	1	0.004650	0.004650
49	B200110311	BOM	NMIL	2	0.004650	0.009300
50	B200110322	BOM	NMIL	1	0.004650	0.004650
51	B200110430	BOM	NMIL	2	0.004650	0.009300
52	B200110441	BOM	NMIL	2	0.004650	0.009300
53	B200110468	BOM	NMIL	1	0.004650	0.004650
54	B200110487	BOM	NMIL	1	0.004650	0.004650
55	B200110490	BOM	NMIL	1	0.004650	0.004650
56	B200110491	BOM	NMIL	1	0.004650	0.004650
57	B200110503	BOM	NMIL	1	0.005115	0.005115
58	B200110514	BOM	NMIL	2	0.004650	0.009300
59	B200110525	BOM	NMIL	2	0.004650	0.009300
60	B200110529	BOM	NMIL	1	0.004650	0.004650
61	B200110551	BOM	NMIL	1	0.004650	0.004650
62	B200120041	BOM	NMIL	1	0.007735	0.007735
63	B200120080	BOM	NMIL	1	0.008705	0.008705
64	B200120109	BOM	NMIL	1	0.008705	0.008705
65	B200200006	BOM	N/A	3	0.007144	0.021432
66	B200200007	BOM	N/A	2	0.007144	0.014288
67	B200200017	BOM	N/A	10	0.011856	0.118560
68	B200200053	BOM	N/A	1	0.014056	0.014056

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69	B200200057	BOM	N/A	1	0.018108	0.018108
70	B200200062	BOM	N/A	1	0.007791	0.007791
71	B200200064	BOM	N/A	1	0.008470	0.008470
72	B200200069	BOM	N/A	1	0.006575	0.006575
73	B200200092	BOM	N/A	2	0.018108	0.036216
74	B200200099	BOM	N/A	6	0.018108	0.108648
75	B200220010	BOM	N/A	1	0.002761	0.002761
76	B200220028	BOM	N/A	1	0.002647	0.002647
77	B200220048	BOM	N/A	1	0.002647	0.002647
78	B200230036	BOM	N/A	1	0.051114	0.051114
79	B200230198	BOM	N/A	4	0.058908	0.235632
80	B200230336	BOM	N/A	5	0.025714	0.128570
81	B200230338	BOM	N/A	2	0.029480	0.058960
82	B200230375	BOM	N/A	4	0.044619	0.178476
83	B200230376	BOM	N/A	1	0.044619	0.044619
84	B200250009	BOM	NMIL	2	0.083852	0.167704
85	B200250011	BOM	NMIL	2	0.083852	0.167704
86	B200260257	BOM	NMIL	1	0.089108	0.089108
87	B200260258	BOM	NMIL	1	0.089108	0.089108
88	B200260259	BOM	NMIL	1	0.089108	0.089108
89	B200280017	BOM	NMIL	1	0.015958	0.015958
90	B200300219	BOM	NMIL	2	0.003891	0.007782
91	B200300271	BOM	NMIL	1	0.003891	0.003891
92	B200300272	BOM	NMIL	1	0.026458	0.026458
93	B210160025	BOM	N/A	1	0.010000	0.010000
94	B210190961	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 4.747234
Mean Time (in hours) Between Failures (MTBF) : **210,649**