

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 : OCT-09-2012 Time : 14:46:30
End Item Title : BGIN SERIES MTBF
End Item Part Number : BGIN-3420V (RoHS)
BGIN-3420V (RoHS) MTBF : 148,957
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : BGIN / MTBF
Module Reference Designation : BGIN
Environmental Condition : GB
Ambient Temperature: 25°C

BGIN-3420V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102330004	BOM	NMIL	1	0.069564	0.069564
2	B103210004	BOM	NMIL	1	0.065162	0.065162
3	B103670002	BOM	NMIL	1	0.339591	0.339591
4	B104000002	BOM	NMIL	1	0.204674	0.204674
5	B104040002	BOM	NMIL	1	0.074349	0.074349
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	B200000256	BOM	SPECIAL	1	0.094935	0.094935
10	B200000257	BOM	SPECIAL	1	0.094935	0.094935
11	B200000268	BOM	SPECIAL	1	0.094935	0.094935
12	B200000308	BOM	SPECIAL	4	0.094935	0.379740
13	B200000316	BOM	SPECIAL	2	0.094935	0.189870
14	B200000443	BOM	SPECIAL	1	0.094935	0.094935
15	B200010009	BOM	NMIL	1	0.000798	0.000798
16	B200010022	BOM	NMIL	2	0.000798	0.001596
17	B200010056	BOM	NMIL	2	0.000798	0.001596
18	B200010066	BOM	NMIL	1	0.031398	0.031398
19	B200010067	BOM	NMIL	2	0.000798	0.001596
20	B200010080	BOM	NMIL	4	0.031398	0.125592
21	B200010112	BOM	NMIL	2	0.031398	0.062796
22	B200010132	BOM	NMIL	1	0.031398	0.031398
23	B200010153	BOM	NMIL	2	0.031398	0.062796
24	B200010162	BOM	NMIL	1	0.031398	0.031398

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25	B200020004	BOM	NMIL	13	0.005156	0.067028
26	B200020014	BOM	NMIL	1	0.006751	0.006751
27	B200020016	BOM	NMIL	2	0.005156	0.010312
28	B200030003	BOM	NMIL	2	0.007617	0.015234
29	B200030018	BOM	NMIL	1	0.007617	0.007617
30	B200030019	BOM	NMIL	1	0.007617	0.007617
31	B200040015	BOM	NMIL	1	0.005967	0.005967
32	B200040059	BOM	NMIL	1	0.005967	0.005967
33	B200040063	BOM	NMIL	1	0.016111	0.016111
34	B200040084	BOM	NMIL	1	0.007909	0.007909
35	B200050024	BOM	NMIL	1	0.005218	0.005218
36	B200050039	BOM	NMIL	1	0.005218	0.005218
37	B200050040	BOM	NMIL	4	0.005218	0.020872
38	B200090005	BOM	NMIL	1	0.001518	0.001518
39	B200110001	BOM	NMIL	1	0.004650	0.004650
40	B200110042	BOM	NMIL	6	0.004650	0.027900
41	B200110046	BOM	NMIL	8	0.004650	0.037200
42	B200110111	BOM	NMIL	1	0.004650	0.004650
43	B200110120	BOM	NMIL	3	0.004650	0.013950
44	B200110123	BOM	NMIL	4	0.004650	0.018600
45	B200110172	BOM	NMIL	1	0.004650	0.004650
46	B200110192	BOM	NMIL	6	0.004650	0.027900
47	B200110261	BOM	NMIL	3	0.004650	0.013950
48	B200110270	BOM	NMIL	2	0.004650	0.009300
49	B200110276	BOM	NMIL	2	0.004650	0.009300
50	B200110279	BOM	NMIL	1	0.004650	0.004650
51	B200110282	BOM	NMIL	4	0.004650	0.018600
52	B200110302	BOM	NMIL	2	0.005115	0.010230
53	B200110303	BOM	NMIL	1	0.005115	0.005115
54	B200110317	BOM	NMIL	2	0.004650	0.009300
55	B200110343	BOM	NMIL	1	0.004650	0.004650
56	B200110489	BOM	NMIL	2	0.004650	0.009300
57	B200110491	BOM	NMIL	2	0.004650	0.009300
58	B200110493	BOM	NMIL	1	0.005115	0.005115
59	B200110494	BOM	NMIL	2	0.004650	0.009300
60	B200110501	BOM	NMIL	1	0.004650	0.004650
61	B200110504	BOM	NMIL	1	0.005115	0.005115
62	B200110505	BOM	NMIL	1	0.004650	0.004650
63	B200110509	BOM	NMIL	1	0.004650	0.004650
64	B200110510	BOM	NMIL	1	0.004650	0.004650
65	B200110512	BOM	NMIL	4	0.004650	0.018600
66	B200110519	BOM	NMIL	1	0.004650	0.004650
67	B200110523	BOM	NMIL	1	0.004650	0.004650
68	B200110525	BOM	NMIL	1	0.004650	0.004650

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69	B200110529	BOM	NMIL	4	0.004650	0.018600
70	B200110541	BOM	NMIL	1	0.004650	0.004650
71	B200110544	BOM	NMIL	1	0.004650	0.004650
72	B200110550	BOM	NMIL	1	0.004650	0.004650
73	B200110551	BOM	NMIL	1	0.004650	0.004650
74	B200110554	BOM	NMIL	10	0.004650	0.046500
75	B200110561	BOM	NMIL	1	0.004650	0.004650
76	B200110588	BOM	NMIL	1	0.004650	0.004650
77	B200110626	BOM	NMIL	1	0.004650	0.004650
78	B200110694	BOM	NMIL	1	0.004650	0.004650
79	B200110721	BOM	NMIL	1	0.004650	0.004650
80	B200120012	BOM	NMIL	1	0.007735	0.007735
81	B200120015	BOM	NMIL	1	0.007557	0.007557
82	B200120032	BOM	NMIL	1	0.006870	0.006870
83	B200120094	BOM	NMIL	1	0.006870	0.006870
84	B200120174	BOM	NMIL	1	0.004820	0.004820
85	B200160017	BOM	NMIL	1	0.065000	0.065000
86	B200160034	BOM	NMIL	1	0.105000	0.105000
87	B200170035	BOM	NMIL	2	0.004005	0.008010
88	B200170045	BOM	NMIL	2	0.002280	0.004560
89	B200190031	BOM	N/A	2	0.017894	0.035788
90	B200200021	BOM	N/A	1	0.015274	0.015274
91	B200200060	BOM	N/A	1	0.012930	0.012930
92	B200200061	BOM	N/A	1	0.008470	0.008470
93	B200200071	BOM	N/A	1	0.006048	0.006048
94	B200200083	BOM	N/A	5	0.007144	0.035720
95	B200200094	BOM	N/A	3	0.007791	0.023373
96	B200200101	BOM	N/A	1	0.016657	0.016657
97	B200200153	BOM	N/A	2	0.009203	0.018406
98	B200200156	BOM	N/A	12	0.011856	0.142272
99	B200200158	BOM	N/A	3	0.007791	0.023373
100	B200220021	BOM	N/A	1	0.002337	0.002337
101	B200220028	BOM	N/A	4	0.002647	0.010588
102	B200230198	BOM	N/A	4	0.058210	0.232840
103	B200230210	BOM	N/A	3	0.050508	0.151524
104	B200230277	BOM	N/A	2	0.041493	0.082986
105	B200230288	BOM	N/A	2	0.019246	0.038492
106	B200230337	BOM	N/A	2	0.022047	0.044094
107	B200230338	BOM	N/A	3	0.029130	0.087390
108	B200230377	BOM	N/A	2	0.028585	0.057170
109	B200230379	BOM	N/A	5	0.036547	0.182735
110	B200240003	BOM	N/A	1	0.052174	0.052174
111	B200250009	BOM	NMIL	1	0.023160	0.023160
112	B200260225	BOM	NMIL	1	0.027440	0.027440

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113	B200260271	BOM	NMIL	1	0.027440	0.027440
114	B200260318	BOM	NMIL	1	0.027440	0.027440
115	B200300219	BOM	NMIL	1	0.003845	0.003845
116	B200300236	BOM	NMIL	1	0.003845	0.003845
117	B200300269	BOM	NMIL	1	0.003845	0.003845
118	B200300344	BOM	NMIL	1	0.026144	0.026144
119	B210090085	BOM	KNOWNFR	1	1.995000	1.995000
120	B210160052	BOM	N/A	2	0.010000	0.020000
121	B210191427	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10 ⁶ Hrs) :	6.713367
Mean Time (in hours) Between Failures (MTBF) :	148,957

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