

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 : MAR-15-2012 Time : 16:56:43
End Item Title : P1H SERIES MTBF
End Item Part Number : P1H-5420E (RoHS)
P1H-5420E (RoHS) MTBF : 139,095
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1H / MTBF
Module Reference Designation : P1H
Environmental Condition : GB
Ambient Temperature: 25°C

P1H-5420E (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B103020003	BOM	NMIL	1	0.314472	0.314472
2	B103020004	BOM	NMIL	1	0.314472	0.314472
3	B103210004	BOM	NMIL	1	0.065162	0.065162
4	B104370003	BOM	NMIL	1	0.206970	0.206970
5	B104430004	BOM	NMIL	1	0.076646	0.076646
6	B104700002	BOM	NMIL	1	0.150995	0.150995
7	B200000080	BOM	SPECIAL	1	0.094935	0.094935
8	B200000252	BOM	SPECIAL	2	0.094935	0.189870
9	B200000308	BOM	SPECIAL	4	0.094935	0.379740
10	B200000321	BOM	SPECIAL	1	0.094935	0.094935
11	B200000455	BOM	SPECIAL	1	0.094935	0.094935
12	B200000487	BOM	SPECIAL	1	0.094935	0.094935
13	B200010009	BOM	NMIL	1	0.000149	0.000149
14	B200010022	BOM	NMIL	4	0.000162	0.000648
15	B200010052	BOM	NMIL	4	0.000121	0.000484
16	B200010087	BOM	NMIL	3	0.004410	0.013230
17	B200010175	BOM	NMIL	4	0.040075	0.160300
18	B200010176	BOM	NMIL	4	0.040075	0.160300
19	B200020004	BOM	NMIL	12	0.005156	0.061872
20	B200020021	BOM	NMIL	1	0.006751	0.006751
21	B200030018	BOM	NMIL	1	0.007617	0.007617
22	B200030019	BOM	NMIL	2	0.007617	0.015234
23	B200030023	BOM	NMIL	1	0.007617	0.007617
24	B200030030	BOM	NMIL	1	0.007617	0.007617

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25	B200040015	BOM	NMIL	1	0.005967	0.005967
26	B200040063	BOM	NMIL	1	0.015595	0.015595
27	B200040101	BOM	NMIL	1	0.015595	0.015595
28	B200050024	BOM	NMIL	1	0.005218	0.005218
29	B200050035	BOM	NMIL	2	0.005218	0.010436
30	B200060022	BOM	NMIL	1	0.014140	0.014140
31	B200110001	BOM	NMIL	2	0.004650	0.009300
32	B200110127	BOM	NMIL	2	0.007440	0.014880
33	B200110138	BOM	NMIL	1	0.004650	0.004650
34	B200110340	BOM	NMIL	1	0.004650	0.004650
35	B200110348	BOM	NMIL	1	0.004650	0.004650
36	B200110422	BOM	NMIL	2	0.004650	0.009300
37	B200110471	BOM	NMIL	1	0.004650	0.004650
38	B200110709	BOM	NMIL	2	0.004650	0.009300
39	B200110729	BOM	NMIL	5	0.004650	0.023250
40	B200110730	BOM	NMIL	1	0.004650	0.004650
41	B200110731	BOM	NMIL	1	0.004650	0.004650
42	B200110733	BOM	NMIL	16	0.004650	0.074400
43	B200110738	BOM	NMIL	10	0.004650	0.046500
44	B200110739	BOM	NMIL	2	0.004650	0.009300
45	B200110740	BOM	NMIL	1	0.004650	0.004650
46	B200110741	BOM	NMIL	1	0.004650	0.004650
47	B200110744	BOM	NMIL	1	0.004650	0.004650
48	B200110775	BOM	NMIL	1	0.004650	0.004650
49	B200110794	BOM	NMIL	1	0.004650	0.004650
50	B200110807	BOM	NMIL	1	0.004650	0.004650
51	B200110808	BOM	NMIL	4	0.004650	0.018600
52	B200110809	BOM	NMIL	1	0.004650	0.004650
53	B200110812	BOM	NMIL	1	0.004650	0.004650
54	B200110813	BOM	NMIL	1	0.004650	0.004650
55	B200110814	BOM	NMIL	3	0.004650	0.013950
56	B200110816	BOM	NMIL	1	0.004650	0.004650
57	B200110828	BOM	NMIL	1	0.004650	0.004650
58	B200110829	BOM	NMIL	3	0.007440	0.022320
59	B200110830	BOM	NMIL	1	0.004650	0.004650
60	B200110831	BOM	NMIL	3	0.004650	0.013950
61	B200110832	BOM	NMIL	1	0.004650	0.004650
62	B200110834	BOM	NMIL	1	0.004650	0.004650
63	B200110835	BOM	NMIL	3	0.004650	0.013950
64	B200110879	BOM	NMIL	1	0.004650	0.004650
65	B200110900	BOM	NMIL	1	0.004650	0.004650
66	B200110901	BOM	NMIL	1	0.004650	0.004650
67	B200120047	BOM	NMIL	1	0.008705	0.008705
68	B200160017	BOM	NMIL	1	0.065000	0.065000

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69	B200160020	BOM	NMIL	1	0.065000	0.065000
70	B200170019	BOM	NMIL	6	0.004875	0.029250
71	B200170049	BOM	NMIL	2	0.005940	0.011880
72	B200180016	BOM	N/A	1	0.008923	0.008923
73	B200180086	BOM	N/A	1	0.009769	0.009769
74	B200190064	BOM	N/A	1	0.016840	0.016840
75	B200190073	BOM	N/A	1	0.016840	0.016840
76	B200200021	BOM	N/A	1	0.015274	0.015274
77	B200200092	BOM	N/A	1	0.019676	0.019676
78	B200200094	BOM	N/A	1	0.007791	0.007791
79	B200200113	BOM	N/A	1	0.009203	0.009203
80	B200200114	BOM	N/A	9	0.011856	0.106704
81	B200200116	BOM	N/A	2	0.007144	0.014288
82	B200200118	BOM	N/A	1	0.015274	0.015274
83	B200200119	BOM	N/A	1	0.008470	0.008470
84	B200200121	BOM	N/A	1	0.012930	0.012930
85	B200200123	BOM	N/A	2	0.005546	0.011092
86	B200200140	BOM	N/A	1	0.006048	0.006048
87	B200200142	BOM	N/A	4	0.014056	0.056224
88	B200200161	BOM	N/A	1	0.004083	0.004083
89	B200210007	BOM	N/A	1	0.021805	0.021805
90	B200220028	BOM	N/A	2	0.002647	0.005294
91	B200220053	BOM	N/A	1	0.002537	0.002537
92	B200230198	BOM	N/A	3	0.056347	0.169041
93	B200230210	BOM	N/A	1	0.048892	0.048892
94	B200230277	BOM	N/A	2	0.040165	0.080330
95	B200230288	BOM	N/A	2	0.018630	0.037260
96	B200230336	BOM	N/A	2	0.024596	0.049192
97	B200230338	BOM	N/A	1	0.028198	0.028198
98	B200230350	BOM	N/A	4	0.139885	0.559540
99	B200230378	BOM	N/A	2	0.038626	0.077252
100	B200230415	BOM	N/A	2	0.044046	0.088092
101	B200230433	BOM	N/A	6	0.047175	0.283050
102	B200250009	BOM	NMIL	1	0.022419	0.022419
103	B200250016	BOM	NMIL	2	0.022419	0.044838
104	B200260332	BOM	NMIL	2	0.026562	0.053124
105	B200280018	BOM	NMIL	3	0.015958	0.047874
106	B200290005	BOM	NMIL	1	0.013740	0.013740
107	B200300354	BOM	NMIL	1	0.003722	0.003722
108	B200300355	BOM	NMIL	1	0.003722	0.003722
109	B200300359	BOM	NMIL	1	0.025307	0.025307
110	B200300360	BOM	NMIL	1	0.003722	0.003722
111	B200300363	BOM	NMIL	1	0.025307	0.025307
112	B200310004	BOM	NMIL	1	0.029621	0.029621

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113	B210090166	BOM	KNOWNFR	1	1.942802	1.942802
114	B210160038	BOM	N/A	1	0.010000	0.010000
115	B210191678	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10 ⁶ Hrs) :	7.189320
Mean Time (in hours) Between Failures (MTBF) :	139,095