

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 : JUN-03-2014 Time : 09:32:21
End Item Title : P1S SERIES MTBF
End Item Part Number : P1S-5300G (RoHS)
P1S-5300G (RoHS) MTBF : 185,636
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : P1S / MTBF
Module Reference Designation : P1S
Environmental Condition : GB
Ambient Temperature: 25°C

P1S-5300G (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B103210004	BOM	SPECIAL	1	0.065162	0.065162
2	B104430015	BOM	SPECIAL	1	0.078943	0.078943
3	B104530004	BOM	SPECIAL	1	0.434592	0.434592
4	B105440002	BOM	SPECIAL	1	0.195486	0.195486
5	B200000281	BOM	NMIL	2	0.030234	0.060468
6	B200000308	BOM	NMIL	4	0.030903	0.123612
7	B200000442	BOM	NMIL	1	0.033691	0.033691
8	B200000521	BOM	NMIL	1	0.033691	0.033691
9	B200000553	BOM	NMIL	1	0.031799	0.031799
10	B200000554	BOM	NMIL	1	0.031799	0.031799
11	B200000555	BOM	NMIL	1	0.040244	0.040244
12	B200010022	BOM	NMIL	2	0.000438	0.000876
13	B200010052	BOM	NMIL	4	0.000326	0.001304
14	B200010056	BOM	NMIL	2	0.000312	0.000624
15	B200010087	BOM	NMIL	2	0.008827	0.017654
16	B200010225	BOM	NMIL	2	0.031875	0.063750
17	B200020021	BOM	NMIL	1	0.006751	0.006751
18	B200020024	BOM	NMIL	11	0.005156	0.056716
19	B200030055	BOM	NMIL	1	0.007617	0.007617
20	B200030061	BOM	NMIL	1	0.003446	0.003446
21	B200030080	BOM	NMIL	1	0.005259	0.005259
22	B200040101	BOM	NMIL	1	0.016111	0.016111
23	B200040115	BOM	NMIL	1	0.016111	0.016111
24	B200050035	BOM	NMIL	1	0.005218	0.005218

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25	B200050045	BOM	NMIL	3	0.005218	0.015654
26	B200060025	BOM	NMIL	1	0.008457	0.008457
27	B200110001	BOM	NMIL	1	0.004650	0.004650
28	B200110040	BOM	NMIL	1	0.004650	0.004650
29	B200110042	BOM	NMIL	1	0.004650	0.004650
30	B200110176	BOM	NMIL	1	0.004650	0.004650
31	B200110192	BOM	NMIL	1	0.004650	0.004650
32	B200110261	BOM	NMIL	2	0.004650	0.009300
33	B200110279	BOM	NMIL	1	0.004650	0.004650
34	B200110337	BOM	NMIL	2	0.005115	0.010230
35	B200110343	BOM	NMIL	1	0.004650	0.004650
36	B200110449	BOM	NMIL	1	0.005115	0.005115
37	B200110506	BOM	NMIL	1	0.004650	0.004650
38	B200110512	BOM	NMIL	3	0.004650	0.013950
39	B200110523	BOM	NMIL	1	0.004650	0.004650
40	B200110529	BOM	NMIL	2	0.004650	0.009300
41	B200110531	BOM	NMIL	3	0.004650	0.013950
42	B200110542	BOM	NMIL	1	0.004650	0.004650
43	B200110557	BOM	NMIL	2	0.007440	0.014880
44	B200110691	BOM	NMIL	1	0.004650	0.004650
45	B200110695	BOM	NMIL	3	0.007440	0.022320
46	B200110696	BOM	NMIL	3	0.007440	0.022320
47	B200110709	BOM	NMIL	1	0.004650	0.004650
48	B200110729	BOM	NMIL	3	0.004650	0.013950
49	B200110733	BOM	NMIL	7	0.004650	0.032550
50	B200110734	BOM	NMIL	1	0.004650	0.004650
51	B200110737	BOM	NMIL	1	0.004650	0.004650
52	B200110738	BOM	NMIL	2	0.004650	0.009300
53	B200110743	BOM	NMIL	5	0.004650	0.023250
54	B200110775	BOM	NMIL	6	0.004650	0.027900
55	B200110776	BOM	NMIL	3	0.004650	0.013950
56	B200110796	BOM	NMIL	1	0.004650	0.004650
57	B200110807	BOM	NMIL	1	0.004650	0.004650
58	B200110811	BOM	NMIL	1	0.004650	0.004650
59	B200110813	BOM	NMIL	1	0.004650	0.004650
60	B200110814	BOM	NMIL	2	0.004650	0.009300
61	B200110820	BOM	NMIL	1	0.004650	0.004650
62	B200110822	BOM	NMIL	1	0.005115	0.005115
63	B200110841	BOM	NMIL	2	0.004650	0.009300
64	B200110848	BOM	NMIL	1	0.004650	0.004650
65	B200110864	BOM	NMIL	1	0.004650	0.004650
66	B200110872	BOM	NMIL	1	0.004650	0.004650
67	B200110877	BOM	NMIL	1	0.004650	0.004650
68	B200110928	BOM	NMIL	1	0.004650	0.004650

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69	B200110949	BOM	NMIL	1	0.005115	0.005115
70	B200110984	BOM	NMIL	4	0.004650	0.018600
71	B200110987	BOM	NMIL	2	0.004650	0.009300
72	B200110988	BOM	NMIL	1	0.004650	0.004650
73	B200110989	BOM	NMIL	1	0.004650	0.004650
74	B200110990	BOM	NMIL	1	0.005115	0.005115
75	B200110991	BOM	NMIL	1	0.004650	0.004650
76	B200110992	BOM	NMIL	1	0.005115	0.005115
77	B200110993	BOM	NMIL	1	0.007440	0.007440
78	B200160011	BOM	NMIL	1	0.065000	0.065000
79	B200160017	BOM	NMIL	1	0.065000	0.065000
80	B200180095	BOM	NMIL	1	0.009327	0.009327
81	B200190064	BOM	NMIL	1	0.016840	0.016840
82	B200190088	BOM	NMIL	1	0.015889	0.015889
83	B200190089	BOM	NMIL	1	0.013308	0.013308
84	B200200066	BOM	NMIL	2	0.010911	0.021822
85	B200200074	BOM	NMIL	2	0.015274	0.030548
86	B200200075	BOM	NMIL	2	0.018108	0.036216
87	B200200113	BOM	NMIL	5	0.009203	0.046015
88	B200200114	BOM	NMIL	5	0.011856	0.059280
89	B200200115	BOM	NMIL	3	0.007791	0.023373
90	B200200116	BOM	NMIL	1	0.007144	0.007144
91	B200200118	BOM	NMIL	1	0.015274	0.015274
92	B200200125	BOM	NMIL	1	0.006575	0.006575
93	B200200138	BOM	NMIL	1	0.008147	0.008147
94	B200200140	BOM	NMIL	1	0.009335	0.009335
95	B200200156	BOM	NMIL	1	0.011856	0.011856
96	B200200157	BOM	NMIL	2	0.011856	0.023712
97	B200200166	BOM	NMIL	1	0.012930	0.012930
98	B200200174	BOM	NMIL	1	0.011856	0.011856
99	B200200175	BOM	NMIL	1	0.007878	0.007878
100	B200200178	BOM	NMIL	1	0.016657	0.016657
101	B200200183	BOM	NMIL	1	0.010495	0.010495
102	B200220018	BOM	NMIL	2	0.012681	0.025362
103	B200220068	BOM	NMIL	1	0.009188	0.009188
104	B200230036	BOM	NMIL	1	0.050508	0.050508
105	B200230198	BOM	NMIL	1	0.058210	0.058210
106	B200230210	BOM	NMIL	1	0.050508	0.050508
107	B200230288	BOM	NMIL	1	0.019246	0.019246
108	B200230336	BOM	NMIL	1	0.025409	0.025409
109	B200230338	BOM	NMIL	4	0.029130	0.116520
110	B200230350	BOM	NMIL	2	0.144509	0.289018
111	B200230424	BOM	NMIL	2	0.052193	0.104386
112	B200230436	BOM	NMIL	1	0.036220	0.036220

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113	B200250009	BOM	NMIL	1	0.023160	0.023160
114	B200250046	BOM	NMIL	1	0.023160	0.023160
115	B200260129	BOM	NMIL	1	0.027440	0.027440
116	B200280012	BOM	NMIL	1	0.015958	0.015958
117	B200290005	BOM	NMIL	1	0.013740	0.013740
118	B200300414	BOM	NMIL	1	0.026144	0.026144
119	B200300415	BOM	NMIL	1	0.003845	0.003845
120	B200300422	BOM	NMIL	1	0.003845	0.003845
121	B200310012	BOM	NMIL	1	0.027383	0.027383
122	B210090094	BOM	SPECIAL	1	2.069330	2.069330
123	B210160006	BOM	NMIL	1	0.010000	0.010000
124	B210192140	BOM	NMIL	1	0.016567	0.016567

Total Failure Rate (F/10 ⁶ Hrs) :	5.386874
Mean Time (in hours) Between Failures (MTBF) :	185,636