

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 : MAR-29-2017 Time : 13:39:06
End Item Title : MP1S SERIES MTBF
End Item Part Number : MP1S-6300V(RoHS)
MP1S-6300V(RoHS) MTBF : 226,700
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : MP1S / MTBF
Module Reference Designation : MP1S
Environmental Condition : GB
Ambient Temperature: 25°C

MP1S-6300V(RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102570005	BOM	SPECIAL	1	0.195413	0.195413
2	B102570188	BOM	SPECIAL	1	0.273303	0.273303
3	B103340048	BOM	SPECIAL	1	0.264736	0.264736
4	B104430007	BOM	SPECIAL	1	0.319805	0.319805
5	B200000001	BOM	NMIL	3	0.013060	0.039180
6	B200000242	BOM	NMIL	1	0.014946	0.014946
7	B200000276	BOM	NMIL	1	0.016891	0.016891
8	B200010002	BOM	NMIL	2	0.065527	0.131054
9	B200010022	BOM	NMIL	1	0.000437	0.000437
10	B200010091	BOM	NMIL	1	0.069762	0.069762
11	B200010167	BOM	NMIL	1	0.000721	0.000721
12	B200010176	BOM	NMIL	2	0.065527	0.131054
13	B200020024	BOM	NMIL	3	0.002332	0.006996
14	B200030069	BOM	NMIL	5	0.002308	0.011540
15	B200030077	BOM	NMIL	1	0.002308	0.002308
16	B200040029	BOM	NMIL	1	0.016120	0.016120
17	B200040067	BOM	NMIL	1	0.002994	0.002994
18	B200040133	BOM	NMIL	1	0.011646	0.011646
19	B200050035	BOM	NMIL	2	0.005992	0.011984
20	B200050036	BOM	NMIL	1	0.003013	0.003013
21	B200050044	BOM	NMIL	3	0.005992	0.017976
22	B200060013	BOM	NMIL	1	0.013353	0.013353
23	B200110001	BOM	NMIL	3	0.002925	0.008775
24	B200110035	BOM	NMIL	1	0.002925	0.002925

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25	B200110046	BOM	NMIL	2	0.002925	0.005850
26	B200110073	BOM	NMIL	4	0.003086	0.012344
27	B200110087	BOM	NMIL	3	0.002925	0.008775
28	B200110095	BOM	NMIL	2	0.002925	0.005850
29	B200110120	BOM	NMIL	1	0.002925	0.002925
30	B200110123	BOM	NMIL	1	0.002194	0.002194
31	B200110172	BOM	NMIL	1	0.002925	0.002925
32	B200110192	BOM	NMIL	1	0.002194	0.002194
33	B200110259	BOM	NMIL	1	0.002925	0.002925
34	B200110282	BOM	NMIL	1	0.002925	0.002925
35	B200110311	BOM	NMIL	1	0.002194	0.002194
36	B200110488	BOM	NMIL	4	0.002194	0.008776
37	B200110491	BOM	NMIL	1	0.002194	0.002194
38	B200110494	BOM	NMIL	1	0.002194	0.002194
39	B200110498	BOM	NMIL	1	0.002194	0.002194
40	B200110503	BOM	NMIL	1	0.002345	0.002345
41	B200110512	BOM	NMIL	1	0.002194	0.002194
42	B200110538	BOM	NMIL	1	0.002925	0.002925
43	B200110550	BOM	NMIL	3	0.002194	0.006582
44	B200110561	BOM	NMIL	1	0.002194	0.002194
45	B200110615	BOM	NMIL	1	0.002194	0.002194
46	B200111029	BOM	NMIL	4	0.002194	0.008776
47	B200120015	BOM	NMIL	2	0.004737	0.009474
48	B200120105	BOM	NMIL	1	0.007016	0.007016
49	B200120119	BOM	NMIL	1	0.007016	0.007016
50	B200120156	BOM	NMIL	1	0.004566	0.004566
51	B200160013	BOM	NMIL	1	0.006465	0.006465
52	B200170018	BOM	NMIL	1	0.003168	0.003168
53	B200170022	BOM	NMIL	2	0.003168	0.006336
54	B200180003	BOM	NMIL	1	0.001605	0.001605
55	B200180011	BOM	NMIL	1	0.001787	0.001787
56	B200180068	BOM	NMIL	1	0.001845	0.001845
57	B200180075	BOM	NMIL	1	0.001907	0.001907
58	B200190022	BOM	NMIL	1	0.011714	0.011714
59	B200200020	BOM	NMIL	2	0.005263	0.010526
60	B200200061	BOM	NMIL	4	0.004825	0.019300
61	B200200069	BOM	NMIL	1	0.003922	0.003922
62	B200200153	BOM	NMIL	1	0.005164	0.005164
63	B200200156	BOM	NMIL	1	0.006353	0.006353
64	B200220021	BOM	NMIL	1	0.003440	0.003440

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65	B200220060	BOM	NMIL	2	0.000915	0.001830
66	B200220062	BOM	NMIL	2	0.001019	0.002038
67	B200220064	BOM	NMIL	1	0.001068	0.001068
68	B200230132	BOM	NMIL	2	0.002659	0.005318
69	B200230210	BOM	NMIL	5	0.023466	0.117330
70	B200230311	BOM	NMIL	1	0.031934	0.031934
71	B200230338	BOM	NMIL	2	0.002553	0.005106
72	B200230483	BOM	NMIL	2	0.020636	0.041272
73	B200250001	BOM	NMIL	1	0.014121	0.014121
74	B200250016	BOM	NMIL	3	0.018440	0.055320
75	B200250021	BOM	NMIL	1	0.014121	0.014121
76	B200260208	BOM	NMIL	2	0.019936	0.039872
77	B200260234	BOM	NMIL	1	0.012442	0.012442
78	B200260281	BOM	NMIL	1	0.017552	0.017552
79	B200260282	BOM	NMIL	2	0.019936	0.039872
80	B200280013	BOM	NMIL	1	0.007629	0.007629
81	B200300236	BOM	NMIL	1	0.008910	0.008910
82	B200300306	BOM	NMIL	1	0.027800	0.027800
83	B200300310	BOM	NMIL	1	0.004287	0.004287
84	B210060136	BOM	NMIL	1	0.024396	0.024396
85	B210090122	BOM	SPECIAL	1	2.134055	2.134055
86	B210160006	BOM	NMIL	2	0.010000	0.020000
87	B210191101	BOM	NMIL	1	0.000329	0.000329
88	B210192335	BOM	NMIL	1	0.012312	0.012312

Total Failure Rate (F/10⁶Hrs) : 4.411119
Mean Time (in hours) Between Failures (MTBF) : 226,700