

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 : NOV-25-2014 Time : 13:35:18
End Item Title : DS1Z SERIES MTBF
End Item Part Number : DS1Z-2800V (RoHS)(PMBus NP1.2)
DS1Z-2800V (RoHS)(PMBus NP1.2) MTBF : 152,150
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : DS1Z / MTBF
Module Reference Designation : DS1Z
Environmental Condition : GB
Ambient Temperature: 25°C

DS1Z-2800V (RoHS)(PMBus NP1.2)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102330003	BOM	SPECIAL	1	0.132621	0.132621
2	B102330004	BOM	SPECIAL	1	0.069564	0.069564
3	B102330005	BOM	SPECIAL	1	0.125731	0.125731
4	B103160004	BOM	SPECIAL	1	0.008316	0.008316
5	B103160023	BOM	SPECIAL	1	0.074349	0.074349
6	B103590002	BOM	SPECIAL	1	0.130324	0.130324
7	B105620002	BOM	SPECIAL	1	1.222003	1.222003
8	B105620003	BOM	SPECIAL	1	0.039645	0.039645
9	B200000001	BOM	NMIL	1	0.029860	0.029860
10	B200000296	BOM	NMIL	1	0.030234	0.030234
11	B200000316	BOM	NMIL	1	0.031585	0.031585
12	B200000332	BOM	NMIL	2	0.033691	0.067382
13	B200000333	BOM	NMIL	1	0.033691	0.033691
14	B200000357	BOM	NMIL	1	0.030903	0.030903
15	B200000364	BOM	NMIL	1	0.032278	0.032278
16	B200010052	BOM	NMIL	2	0.000326	0.000652
17	B200010109	BOM	NMIL	6	0.000798	0.004788
18	B200010112	BOM	NMIL	4	0.031875	0.127500
19	B200010116	BOM	NMIL	8	0.031875	0.255000
20	B200010162	BOM	NMIL	1	0.031875	0.031875
21	B200010190	BOM	NMIL	1	0.005268	0.005268
22	B200020016	BOM	NMIL	1	0.005156	0.005156
23	B200020017	BOM	NMIL	3	0.005156	0.015468
24	B200030019	BOM	NMIL	4	0.007617	0.030468

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25	B200030037	BOM	NMIL	2	0.007617	0.015234
26	B200030071	BOM	NMIL	1	0.007617	0.007617
27	B200040065	BOM	NMIL	1	0.005967	0.005967
28	B200040073	BOM	NMIL	12	0.005967	0.071604
29	B200040083	BOM	NMIL	1	0.016111	0.016111
30	B200040084	BOM	NMIL	1	0.016111	0.016111
31	B200040110	BOM	NMIL	1	0.016111	0.016111
32	B200050024	BOM	NMIL	1	0.005218	0.005218
33	B200050037	BOM	NMIL	5	0.005218	0.026090
34	B200050070	BOM	NMIL	6	0.005218	0.031308
35	B200090005	BOM	NMIL	1	0.001518	0.001518
36	B200110040	BOM	NMIL	1	0.004650	0.004650
37	B200110042	BOM	NMIL	10	0.004650	0.046500
38	B200110046	BOM	NMIL	8	0.004650	0.037200
39	B200110095	BOM	NMIL	10	0.004650	0.046500
40	B200110120	BOM	NMIL	1	0.004650	0.004650
41	B200110123	BOM	NMIL	2	0.004650	0.009300
42	B200110172	BOM	NMIL	1	0.004650	0.004650
43	B200110177	BOM	NMIL	3	0.004650	0.013950
44	B200110192	BOM	NMIL	1	0.004650	0.004650
45	B200110202	BOM	NMIL	3	0.004650	0.013950
46	B200110227	BOM	NMIL	5	0.004650	0.023250
47	B200110235	BOM	NMIL	3	0.004650	0.013950
48	B200110311	BOM	NMIL	1	0.004650	0.004650
49	B200110313	BOM	NMIL	1	0.004650	0.004650
50	B200110357	BOM	NMIL	2	0.004650	0.009300
51	B200110488	BOM	NMIL	2	0.004650	0.009300
52	B200110489	BOM	NMIL	1	0.004650	0.004650
53	B200110490	BOM	NMIL	1	0.004650	0.004650
54	B200110491	BOM	NMIL	1	0.004650	0.004650
55	B200110503	BOM	NMIL	4	0.005115	0.020460
56	B200110506	BOM	NMIL	1	0.004650	0.004650
57	B200110508	BOM	NMIL	1	0.004650	0.004650
58	B200110512	BOM	NMIL	1	0.004650	0.004650
59	B200110523	BOM	NMIL	1	0.004650	0.004650
60	B200110524	BOM	NMIL	1	0.004650	0.004650
61	B200110541	BOM	NMIL	1	0.004650	0.004650
62	B200110551	BOM	NMIL	1	0.004650	0.004650
63	B200110571	BOM	NMIL	2	0.004650	0.009300
64	B200110581	BOM	NMIL	3	0.004650	0.013950
65	B200110613	BOM	NMIL	1	0.004650	0.004650
66	B200110627	BOM	NMIL	2	0.005115	0.010230
67	B200110638	BOM	NMIL	1	0.005115	0.005115

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68	B200120172	BOM	NMIL	1	0.006105	0.006105
69	B200120173	BOM	NMIL	1	0.006105	0.006105
70	B200120192	BOM	NMIL	1	0.004820	0.004820
71	B200160034	BOM	NMIL	1	0.065000	0.065000
72	B200170035	BOM	NMIL	3	0.004005	0.012015
73	B200200021	BOM	NMIL	2	0.015274	0.030548
74	B200200053	BOM	NMIL	4	0.014056	0.056224
75	B200200057	BOM	NMIL	1	0.018108	0.018108
76	B200200069	BOM	NMIL	1	0.006575	0.006575
77	B200200082	BOM	NMIL	7	0.016657	0.116599
78	B200200096	BOM	NMIL	2	0.008147	0.016294
79	B200200153	BOM	NMIL	5	0.009203	0.046015
80	B200200156	BOM	NMIL	7	0.011856	0.082992
81	B200200158	BOM	NMIL	1	0.007791	0.007791
82	B200200166	BOM	NMIL	2	0.012930	0.025860
83	B200220010	BOM	NMIL	3	0.002761	0.008283
84	B200220020	BOM	NMIL	1	0.002337	0.002337
85	B200220036	BOM	NMIL	2	0.013891	0.027782
86	B200220048	BOM	NMIL	1	0.013891	0.013891
87	B200230277	BOM	NMIL	1	0.041493	0.041493
88	B200230356	BOM	NMIL	3	0.044090	0.132270
89	B200230381	BOM	NMIL	2	0.047121	0.094242
90	B200230388	BOM	NMIL	2	0.032199	0.064398
91	B200230417	BOM	NMIL	2	0.032978	0.065956
92	B200230436	BOM	NMIL	1	0.036220	0.036220
93	B200230443	BOM	NMIL	1	0.022047	0.022047
94	B200230466	BOM	NMIL	2	0.052193	0.104386
95	B200260269	BOM	NMIL	2	0.027440	0.054880
96	B200260274	BOM	NMIL	1	0.027440	0.027440
97	B200260276	BOM	NMIL	1	0.027440	0.027440
98	B200260277	BOM	NMIL	1	0.027440	0.027440
99	B200260297	BOM	NMIL	1	0.027440	0.027440
100	B200280017	BOM	NMIL	2	0.015958	0.031916
101	B200290011	BOM	NMIL	2	0.013740	0.027480
102	B200300295	BOM	NMIL	1	0.026144	0.026144
103	B200300311	BOM	NMIL	1	0.003845	0.003845
104	B210140024	BOM	SPECIAL	1	2.070550	2.070550
105	B210160043	BOM	NMIL	1	0.010000	0.010000
106	B210192209	BOM	NMIL	1	0.014656	0.014656

Total Failure Rate (F/10⁶Hrs) : 6.572442
Mean Time (in hours) Between Failures (MTBF) : 152,150