

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 : APR-13-2017 Time : 13:41:56
End Item Title : ZRH SERIES MTBF
End Item Part Number : ZRH-2800K2(RoHS)(PMBus WP1.2)
ZRH-2800K2(RoHS)(PMBus NP1.2) MTBF : 180,506
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : ZRH / MTBF
Module Reference Designation : ZRH
Environmental Condition : GB
Ambient Temperature: 25°C

ZRH-2800K2(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	B105950003	BOM	SPECIAL	1	0.370902	0.370902
2	B105950005	BOM	SPECIAL	1	0.634362	0.634362
3	B105950007	BOM	SPECIAL	1	0.257539	0.257539
4	B105950008	BOM	SPECIAL	1	0.154079	0.154079
5	B105950009	BOM	SPECIAL	1	0.675223	0.675223
6	B200000001	BOM	NMIL	1	0.013060	0.013060
7	B200000388	BOM	NMIL	1	0.014785	0.014785
8	B200000558	BOM	NMIL	1	0.013434	0.013434
9	B200000603	BOM	NMIL	1	0.012043	0.012043
10	B200000620	BOM	NMIL	1	0.013434	0.013434
11	B200010052	BOM	NMIL	2	0.000325	0.000650
12	B200010109	BOM	NMIL	4	0.000697	0.002788
13	B200010192	BOM	NMIL	1	0.008014	0.008014
14	B200010249	BOM	NMIL	1	0.000325	0.000325
15	B200010250	BOM	NMIL	3	0.064435	0.193305
16	B200010253	BOM	NMIL	2	0.065527	0.131054
17	B200010254	BOM	NMIL	2	0.065527	0.131054
18	B200020024	BOM	NMIL	1	0.002332	0.002332
19	B200020034	BOM	NMIL	1	0.016175	0.016175
20	B200030069	BOM	NMIL	2	0.002308	0.004616
21	B200030107	BOM	NMIL	1	0.002308	0.002308
22	B200040035	BOM	NMIL	1	0.001366	0.001366
23	B200040065	BOM	NMIL	2	0.011646	0.023292
24	B200040073	BOM	NMIL	4	0.011646	0.046584

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25	B200040107	BOM	NMIL	1	0.002994	0.002994
26	B200040110	BOM	NMIL	1	0.001026	0.001026
27	B200050032	BOM	NMIL	1	0.003013	0.003013
28	B200050083	BOM	NMIL	2	0.003013	0.006026
29	B200060030	BOM	NMIL	1	0.006706	0.006706
30	B200090055	BOM	NMIL	1	0.001476	0.001476
31	B200110006	BOM	NMIL	4	0.002925	0.011700
32	B200110042	BOM	NMIL	5	0.002194	0.010970
33	B200110123	BOM	NMIL	2	0.002194	0.004388
34	B200110190	BOM	NMIL	1	0.002925	0.002925
35	B200110202	BOM	NMIL	1	0.002925	0.002925
36	B200110223	BOM	NMIL	4	0.003086	0.012344
37	B200110227	BOM	NMIL	1	0.002925	0.002925
38	B200110235	BOM	NMIL	2	0.002925	0.005850
39	B200110279	BOM	NMIL	1	0.002194	0.002194
40	B200110313	BOM	NMIL	1	0.002925	0.002925
41	B200110317	BOM	NMIL	1	0.002925	0.002925
42	B200110325	BOM	NMIL	2	0.002925	0.005850
43	B200110441	BOM	NMIL	1	0.002925	0.002925
44	B200110473	BOM	NMIL	1	0.002925	0.002925
45	B200110490	BOM	NMIL	1	0.002194	0.002194
46	B200110524	BOM	NMIL	1	0.002194	0.002194
47	B200110530	BOM	NMIL	1	0.002194	0.002194
48	B200110635	BOM	NMIL	2	0.002194	0.004388
49	B200110646	BOM	NMIL	1	0.002194	0.002194
50	B200110678	BOM	NMIL	1	0.002194	0.002194
51	B200110706	BOM	NMIL	1	0.002194	0.002194
52	B200111088	BOM	NMIL	1	0.002925	0.002925
53	B200111089	BOM	NMIL	2	0.002925	0.005850
54	B200160022	BOM	NMIL	1	0.008899	0.008899
55	B200170057	BOM	NMIL	2	0.003168	0.006336
56	B200170069	BOM	NMIL	3	0.003168	0.009504
57	B200180096	BOM	NMIL	2	0.001907	0.003814
58	B200180103	BOM	NMIL	1	0.001845	0.001845
59	B200190065	BOM	NMIL	1	0.010191	0.010191
60	B200190084	BOM	NMIL	1	0.004493	0.004493
61	B200200057	BOM	NMIL	3	0.008984	0.026952
62	B200200070	BOM	NMIL	1	0.007074	0.007074
63	B200200092	BOM	NMIL	5	0.009616	0.048080
64	B200200094	BOM	NMIL	1	0.004506	0.004506

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65	B200200126	BOM	NMIL	2	0.009616	0.019232
66	B200200156	BOM	NMIL	4	0.006353	0.025412
67	B200200204	BOM	NMIL	1	0.007303	0.007303
68	B200210007	BOM	NMIL	1	0.021267	0.021267
69	B200220010	BOM	NMIL	1	0.003943	0.003943
70	B200220073	BOM	NMIL	1	0.002605	0.002605
71	B200220074	BOM	NMIL	1	0.002117	0.002117
72	B200220086	BOM	NMIL	5	0.001208	0.006040
73	B200230277	BOM	NMIL	1	0.002274	0.002274
74	B200230342	BOM	NMIL	1	0.002420	0.002420
75	B200230354	BOM	NMIL	2	0.011573	0.023146
76	B200230484	BOM	NMIL	1	0.028457	0.028457
77	B200230506	BOM	NMIL	1	0.001248	0.001248
78	B200230507	BOM	NMIL	2	0.011340	0.022680
79	B200240010	BOM	NMIL	2	0.008764	0.017528
80	B200250018	BOM	NMIL	1	0.015652	0.015652
81	B200260332	BOM	NMIL	1	0.025995	0.025995
82	B200260401	BOM	NMIL	1	0.019936	0.019936
83	B200280012	BOM	NMIL	1	0.011440	0.011440
84	B200290020	BOM	NMIL	2	0.011159	0.022318
85	B200300458	BOM	NMIL	1	0.004190	0.004190
86	B200300459	BOM	NMIL	1	0.029184	0.029184
87	B200310012	BOM	NMIL	1	0.005232	0.005232
88	B200360064	BOM	NMIL	1	0.001528	0.001528
89	B200370051	BOM	NMIL	1	0.001196	0.001196
90	B200370085	BOM	NMIL	3	0.001196	0.003588
91	B210060136	BOM	NMIL	1	0.024396	0.024396
92	B210090232	BOM	SPECIAL	1	2.182912	2.182912
93	B210160002	BOM	NMIL	1	0.010000	0.010000
94	B210191722	BOM	NMIL	1	0.000429	0.000429
95	B210192570	BOM	NMIL	1	0.017022	0.017022
96	B210192577	BOM	NMIL	1	0.003548	0.003548

Total Failure Rate (F/10⁶Hrs) : 5.539995
Mean Time (in hours) Between Failures (MTBF) : 180,506