

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 : SEP-07-2017 Time : 16:45:23
End Item Title : ZRH SERIES MTBF
End Item Part Number : ZRH-2AB0K2(RoHS)(PMBus WP1.2)
ZRH-2AB0K2(RoHS)(PMBus WP1.2) MTBF : 185,614
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : ZRH / MTBF
Module Reference Designation : ZRH
Environmental Condition : GB
Ambient Temperature: 25°C

ZRH-2AB0K2(RoHS)(PMBus WP1.2)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B106020003	BOM	SPECIAL	1	1.428742	1.428742
2	B106020004	BOM	SPECIAL	1	0.229334	0.229334
3	B106020006	BOM	SPECIAL	1	0.191658	0.191658
4	B200000582	BOM	NMIL	1	0.009454	0.009454
5	B200000640	BOM	NMIL	3	0.006522	0.019566
6	B200000641	BOM	NMIL	2	0.006522	0.013044
7	B200010052	BOM	NMIL	1	0.000337	0.000337
8	B200010109	BOM	NMIL	1	0.000723	0.000723
9	B200010192	BOM	NMIL	1	0.008014	0.008014
10	B200010235	BOM	NMIL	4	0.065527	0.262108
11	B200010253	BOM	NMIL	2	0.065527	0.131054
12	B200010261	BOM	NMIL	1	0.000290	0.000290
13	B200010262	BOM	NMIL	7	0.012629	0.088403
14	B200010263	BOM	NMIL	1	0.001343	0.001343
15	B200020039	BOM	NMIL	1	0.002332	0.002332
16	B200030109	BOM	NMIL	1	0.002308	0.002308
17	B200030110	BOM	NMIL	1	0.002308	0.002308
18	B200040062	BOM	NMIL	1	0.000870	0.000870
19	B200040141	BOM	NMIL	13	0.000253	0.003289
20	B200040142	BOM	NMIL	1	0.011646	0.011646
21	B200040143	BOM	NMIL	1	0.002465	0.002465
22	B200050070	BOM	NMIL	1	0.003013	0.003013
23	B200050082	BOM	NMIL	1	0.003013	0.003013
24	B200050085	BOM	NMIL	2	0.003013	0.006026

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25	B200050090	BOM	NMIL	2	0.003013	0.006026
26	B200060024	BOM	NMIL	1	0.015643	0.015643
27	B200090055	BOM	NMIL	1	0.001476	0.001476
28	B200110042	BOM	NMIL	6	0.002210	0.013260
29	B200110046	BOM	NMIL	2	0.002896	0.005792
30	B200110120	BOM	NMIL	1	0.002896	0.002896
31	B200110223	BOM	NMIL	3	0.003039	0.009117
32	B200110325	BOM	NMIL	1	0.002896	0.002896
33	B200110346	BOM	NMIL	1	0.002896	0.002896
34	B200110470	BOM	NMIL	3	0.003716	0.011148
35	B200110508	BOM	NMIL	1	0.002210	0.002210
36	B200110512	BOM	NMIL	6	0.002210	0.013260
37	B200110573	BOM	NMIL	4	0.002319	0.009276
38	B200110574	BOM	NMIL	6	0.002319	0.013914
39	B200110629	BOM	NMIL	4	0.002319	0.009276
40	B200110727	BOM	NMIL	2	0.002210	0.004420
41	B200110732	BOM	NMIL	1	0.002026	0.002026
42	B200110733	BOM	NMIL	10	0.002026	0.020260
43	B200110737	BOM	NMIL	1	0.002210	0.002210
44	B200110739	BOM	NMIL	8	0.002026	0.016208
45	B200110744	BOM	NMIL	2	0.002026	0.004052
46	B200110771	BOM	NMIL	1	0.002026	0.002026
47	B200110775	BOM	NMIL	1	0.002026	0.002026
48	B200110789	BOM	NMIL	6	0.002210	0.013260
49	B200110821	BOM	NMIL	2	0.002126	0.004252
50	B200110850	BOM	NMIL	1	0.002126	0.002126
51	B200110865	BOM	NMIL	1	0.002026	0.002026
52	B200110890	BOM	NMIL	2	0.002026	0.004052
53	B200111014	BOM	NMIL	1	0.002026	0.002026
54	B200111107	BOM	NMIL	3	0.003716	0.011148
55	B200111108	BOM	NMIL	1	0.002605	0.002605
56	B200160054	BOM	NMIL	1	0.001469	0.001469
57	B200160056	BOM	NMIL	1	0.008899	0.008899
58	B200170029	BOM	NMIL	2	0.003721	0.007442
59	B200170073	BOM	NMIL	1	0.002424	0.002424
60	B200170074	BOM	NMIL	4	0.002840	0.011360
61	B200170075	BOM	NMIL	1	0.002424	0.002424
62	B200180105	BOM	NMIL	1	0.001845	0.001845
63	B200180106	BOM	NMIL	1	0.001845	0.001845
64	B200190077	BOM	NMIL	1	0.012538	0.012538

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65	B200200017	BOM	NMIL	3	0.006356	0.019068
66	B200200085	BOM	NMIL	1	0.007553	0.007553
67	B200200117	BOM	NMIL	1	0.005546	0.005546
68	B200200119	BOM	NMIL	1	0.004827	0.004827
69	B200200123	BOM	NMIL	5	0.003413	0.017065
70	B200200141	BOM	NMIL	1	0.007820	0.007820
71	B200200167	BOM	NMIL	1	0.009620	0.009620
72	B200200186	BOM	NMIL	3	0.003189	0.009567
73	B200200205	BOM	NMIL	4	0.007820	0.031280
74	B200200207	BOM	NMIL	1	0.005166	0.005166
75	B200200208	BOM	NMIL	2	0.006356	0.012712
76	B200200217	BOM	NMIL	3	0.006356	0.019068
77	B200200218	BOM	NMIL	13	0.009620	0.125060
78	B200200219	BOM	NMIL	3	0.005166	0.015498
79	B200220084	BOM	NMIL	2	0.001294	0.002588
80	B200220087	BOM	NMIL	3	0.001125	0.003375
81	B200230470	BOM	NMIL	1	0.028457	0.028457
82	B200230524	BOM	NMIL	1	0.001991	0.001991
83	B200230525	BOM	NMIL	3	0.014229	0.042687
84	B200260409	BOM	NMIL	1	0.019936	0.019936
85	B200260410	BOM	NMIL	1	0.019936	0.019936
86	B200260411	BOM	NMIL	1	0.019936	0.019936
87	B200270021	BOM	NMIL	1	0.015000	0.015000
88	B200280012	BOM	NMIL	1	0.000623	0.000623
89	B200310012	BOM	NMIL	1	0.005232	0.005232
90	B210000120	BOM	NMIL	3	0.002026	0.006078
91	B210000121	BOM	NMIL	1	0.001565	0.001565
92	B210060136	BOM	NMIL	1	0.024396	0.024396
93	B210090235	BOM	SPECIAL	1	2.182912	2.182912
94	B210160078	BOM	NMIL	1	0.010000	0.010000
95	B210192629	BOM	NMIL	1	0.025102	0.025102
96	B210192635	BOM	NMIL	1	0.002468	0.002468

Total Failure Rate (F/10⁶Hrs) : 5.387527
Mean Time (in hours) Between Failures (MTBF) : 185,614