

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 : DEC-26-2014 Time : 15:41:21
End Item Title : Q1S SERIES MTBF
End Item Part Number : Q1S-1150V48 (RoHS)
Q1S-1150V48 (RoHS) MTBF : 603,658
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : Q1S / MTBF
Module Reference Designation : Q1S
Environmental Condition : GB
Ambient Temperature: 25°C

Q1S-1150V48 (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B105650002	BOM	SPECIAL	1	0.265242	0.265242
2	B105650007	BOM	SPECIAL	1	0.281320	0.281320
3	B200010022	BOM	NMIL	1	0.000438	0.000438
4	B200010052	BOM	NMIL	1	0.000326	0.000326
5	B200010109	BOM	NMIL	3	0.000798	0.002394
6	B200010185	BOM	NMIL	2	0.031875	0.063750
7	B200010192	BOM	NMIL	1	0.008827	0.008827
8	B200010229	BOM	NMIL	1	0.000281	0.000281
9	B200010230	BOM	NMIL	1	0.031875	0.031875
10	B200020038	BOM	NMIL	1	0.001350	0.001350
11	B200030063	BOM	NMIL	2	0.007617	0.015234
12	B200040073	BOM	NMIL	6	0.005967	0.035802
13	B200040116	BOM	NMIL	1	0.016111	0.016111
14	B200040052	BOM	NMIL	2	0.016111	0.032222
15	B200050069	BOM	NMIL	2	0.005218	0.010436
16	B200060025	BOM	NMIL	1	0.008457	0.008457
17	B200110151	BOM	NMIL	1	0.004650	0.004650
18	B200110042	BOM	NMIL	3	0.004650	0.013950
19	B200110223	BOM	NMIL	6	0.005115	0.030690
20	B200110261	BOM	NMIL	1	0.004650	0.004650
21	B200110488	BOM	NMIL	1	0.004650	0.004650
22	B200110503	BOM	NMIL	1	0.005115	0.005115
23	B200110512	BOM	NMIL	2	0.004650	0.009300
24	B200110554	BOM	NMIL	1	0.004650	0.004650

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25	B200110640	BOM	NMIL	1	0.004650	0.004650
26	B200120199	BOM	NMIL	1	0.005425	0.005425
27	B200160021	BOM	NMIL	1	0.065000	0.065000
28	B200170062	BOM	NMIL	2	0.002700	0.005400
29	B200180075	BOM	NMIL	2	0.009327	0.018654
30	B200190035	BOM	NMIL	2	0.015889	0.031778
31	B200200156	BOM	NMIL	1	0.011856	0.011856
32	B200220018	BOM	NMIL	2	0.012681	0.025362
33	B200220036	BOM	NMIL	1	0.013891	0.013891
34	B200220040	BOM	NMIL	2	0.011536	0.023072
35	B200220046	BOM	NMIL	1	0.011536	0.011536
36	B200220054	BOM	NMIL	1	0.004262	0.004262
37	B200220063	BOM	NMIL	1	0.012681	0.012681
38	B200220077	BOM	NMIL	1	0.001291	0.001291
39	B200220078	BOM	NMIL	1	0.001531	0.001531
40	B200220079	BOM	NMIL	1	0.004648	0.004648
42	B200230350	BOM	NMIL	1	0.144509	0.144509
43	B200230467	BOM	NMIL	3	0.033652	0.100956
44	B200230445	BOM	NMIL	2	0.029130	0.058260
45	B200240008	BOM	NMIL	1	0.018846	0.018846
46	B200250047	BOM	NMIL	1	0.023160	0.023160
47	B200260016	BOM	NMIL	1	0.027440	0.027440
48	B200260255	BOM	NMIL	1	0.027440	0.027440
49	B200260375	BOM	NMIL	1	0.027440	0.027440
50	B200280012	BOM	NMIL	1	0.015958	0.015958
51	B200290015	BOM	NMIL	4	0.013740	0.054960
52	B200300422	BOM	NMIL	1	0.003845	0.003845
53	B200300431	BOM	NMIL	1	0.026144	0.026144
54	B210160065	BOM	NMIL	1	0.010000	0.010000
55	B210192222	BOM	NMIL	1	0.024851	0.024851

Total Failure Rate (F/10⁶Hrs) : 1.656566
Mean Time (in hours) Between Failures (MTBF) : **603,658**

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