

ZIPPY TECHNOLOGY CORP
10F, No. 50, MIN CHYUAN 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-26-2013 Time : 15:50:42
End Item Title : Q1Q SERIES MTBF
End Item Part Number : Q1Q-1060V12 (RoHS)
Q1Q-1060V12 (RoHS) MTBF : 671,353
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : Q1Q / MTBF
Module Reference Designation : Q1Q
Environmental Condition : GB
Ambient Temperature: 25°C

Q1Q-1060V12 (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B200000001	BOM	SPECIAL	1	0.094935	0.094935
2	B200000256	BOM	SPECIAL	1	0.094935	0.094935
3	B200000550	BOM	SPECIAL	1	0.094935	0.094935
4	B200010052	BOM	NMIL	3	0.000798	0.002394
5	B200010098	BOM	NMIL	1	0.000798	0.000798
6	B200010109	BOM	NMIL	1	0.000798	0.000798
7	B200010116	BOM	NMIL	1	0.031398	0.031398
8	B200010143	BOM	NMIL	1	0.031398	0.031398
9	B200020024	BOM	NMIL	3	0.005156	0.015468
10	B200030033	BOM	NMIL	1	0.005259	0.005259
11	B200030043	BOM	NMIL	2	0.007617	0.015234
12	B200030066	BOM	NMIL	1	0.003446	0.003446
13	B200050024	BOM	NMIL	1	0.005218	0.005218
14	B200050081	BOM	NMIL	3	0.005218	0.015654
15	B200060016	BOM	NMIL	1	0.014607	0.014607
16	B200070007	BOM	NMIL	2	0.006229	0.012458
17	B200090006	BOM	NMIL	1	0.001518	0.001518
18	B200110001	BOM	NMIL	1	0.004650	0.004650
19	B200110042	BOM	NMIL	1	0.004650	0.004650
20	B200110046	BOM	NMIL	1	0.004650	0.004650
21	B200110120	BOM	NMIL	9	0.004650	0.041850
22	B200110123	BOM	NMIL	4	0.004650	0.018600
23	B200110192	BOM	NMIL	1	0.004650	0.004650
24	B200110235	BOM	NMIL	1	0.004650	0.004650

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25	B200110259	BOM	NMIL	1	0.004650	0.004650
26	B200110279	BOM	NMIL	2	0.004650	0.009300
27	B200110311	BOM	NMIL	1	0.004650	0.004650
28	B200110337	BOM	NMIL	2	0.005115	0.010230
29	B200110491	BOM	NMIL	1	0.004650	0.004650
30	B200110523	BOM	NMIL	1	0.004650	0.004650
31	B200110554	BOM	NMIL	1	0.004650	0.004650
32	B200110601	BOM	NMIL	1	0.004650	0.004650
33	B200110683	BOM	NMIL	1	0.005115	0.005115
34	B200110908	BOM	NMIL	1	0.004650	0.004650
35	B200110976	BOM	NMIL	3	0.004650	0.013950
36	B200110977	BOM	NMIL	1	0.004650	0.004650
37	B200110978	BOM	NMIL	1	0.004650	0.004650
38	B200120113	BOM	NMIL	1	0.005425	0.005425
39	B200120161	BOM	NMIL	1	0.005425	0.005425
40	B200160006	BOM	NMIL	1	0.065000	0.065000
41	B200180003	BOM	N/A	2	0.007411	0.014822
42	B200200053	BOM	N/A	1	0.014056	0.014056
43	B200200069	BOM	N/A	1	0.006575	0.006575
44	B200200083	BOM	N/A	1	0.007144	0.007144
45	B200200153	BOM	N/A	1	0.009203	0.009203
46	B200200156	BOM	N/A	5	0.011856	0.059280
47	B200220028	BOM	N/A	2	0.013891	0.027782
48	B200220031	BOM	N/A	2	0.002541	0.005082
49	B200220037	BOM	N/A	1	0.013313	0.013313
50	B200220063	BOM	N/A	1	0.012681	0.012681
51	B200220067	BOM	N/A	1	0.008355	0.008355
52	B200230198	BOM	N/A	4	0.058210	0.232840
53	B200230210	BOM	N/A	1	0.050508	0.050508
54	B200230443	BOM	N/A	2	0.022047	0.044094
55	B200230449	BOM	N/A	1	0.144509	0.144509
56	B200250007	BOM	NMIL	1	0.023160	0.023160
57	B200260290	BOM	NMIL	1	0.027440	0.027440
58	B200260294	BOM	NMIL	1	0.027440	0.027440
59	B200280012	BOM	NMIL	1	0.015958	0.015958
60	B200300219	BOM	NMIL	1	0.003845	0.003845
61	B200300412	BOM	NMIL	1	0.026144	0.026144
62	B210160065	BOM	N/A	1	0.010000	0.010000
63	B210192001	N/A	STANDARD	1	0.024851	0.024851

Total Failure Rate (F/10⁶Hrs) : 1.489530
Mean Time (in hours) Between Failures (MTBF) : **671,353**