

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 : OCT-09-2014 Time : 15:22:39
End Item Title : Q1P SERIES MTBF
End Item Part Number : Q1P-1053V19 (RoHS)
Q1P-1053V19 (RoHS) MTBF : 828,671
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : Q1P / MTBF
Module Reference Designation : Q1P
Environmental Condition : GB
Ambient Temperature: 25°C

Q1P-1053V19 (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	B200000559	BOM	SPECIAL	1	0.094935	0.094935
4	B200010159	BOM	NMIL	1	0.000798	0.000798
5	B200020024	BOM	NMIL	1	0.005156	0.005156
6	B200030033	BOM	NMIL	1	0.005259	0.005259
7	B200030068	BOM	NMIL	1	0.005259	0.005259
8	B200040114	BOM	NMIL	1	0.016111	0.016111
9	B200050024	BOM	NMIL	1	0.005218	0.005218
10	B200050032	BOM	NMIL	1	0.005218	0.005218
11	B200060026	BOM	NMIL	1	0.008457	0.008457
12	B200070009	BOM	NMIL	1	0.000754	0.000754
13	B200090006	BOM	NMIL	1	0.001518	0.001518
14	B200110001	BOM	NMIL	1	0.004650	0.004650
15	B200110040	BOM	NMIL	1	0.004650	0.004650
16	B200110042	BOM	NMIL	1	0.004650	0.004650
17	B200110046	BOM	NMIL	1	0.004650	0.004650
18	B200110120	BOM	NMIL	5	0.004650	0.023250
19	B200110123	BOM	NMIL	1	0.004650	0.004650
20	B200110127	BOM	NMIL	3	0.007440	0.022320
21	B200110227	BOM	NMIL	2	0.004650	0.009300
22	B200110235	BOM	NMIL	1	0.004650	0.004650
23	B200110259	BOM	NMIL	1	0.004650	0.004650
24	B200110498	BOM	NMIL	3	0.004650	0.013950

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25	B200110523	BOM	NMIL	1	0.004650	0.004650
26	B200110554	BOM	NMIL	1	0.004650	0.004650
27	B200110557	BOM	NMIL	2	0.007440	0.014880
28	B200110600	BOM	NMIL	1	0.004650	0.004650
29	B200110612	BOM	NMIL	1	0.004650	0.004650
30	B200110659	BOM	NMIL	1	0.004650	0.004650
31	B200110699	BOM	NMIL	1	0.004650	0.004650
32	B200111023	BOM	NMIL	4	0.004650	0.018600
33	B200120154	BOM	NMIL	1	0.008509	0.008509
34	B200160006	BOM	NMIL	1	0.065000	0.065000
35	B200180064	BOM	N/A	1	0.008552	0.008552
36	B200200069	BOM	N/A	1	0.006575	0.006575
37	B200200087	BOM	N/A	1	0.014056	0.014056
38	B200200094	BOM	N/A	1	0.007791	0.007791
39	B200200133	BOM	N/A	1	0.016657	0.016657
40	B200200156	BOM	N/A	4	0.011856	0.047424
41	B200220003	BOM	N/A	1	0.002143	0.002143
42	B200220031	BOM	N/A	1	0.002541	0.002541
43	B200220063	BOM	N/A	1	0.002416	0.002416
44	B200230417	BOM	N/A	1	0.032978	0.032978
45	B200230440	BOM	N/A	3	0.058590	0.175770
46	B200230463	BOM	N/A	1	0.187484	0.187484
47	B200250007	BOM	NMIL	1	0.023160	0.023160
48	B200260290	BOM	NMIL	1	0.027440	0.027440
49	B200280012	BOM	NMIL	1	0.015958	0.015958
50	B200300391	BOM	NMIL	1	0.026144	0.026144
51	B210160055	BOM	N/A	1	0.010000	0.010000
52	B210192199	N/A	STANDARD	1	0.024851	0.024851

Total Failure Rate (F/10⁶Hrs) : 1.206752
Mean Time (in hours) Between Failures (MTBF) : **828,671**