

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-20-2012 Time : 10:32:55
End Item Title : Q1I SERIES MTBF
End Item Part Number : Q1I-1060V12 (RoHS)
Q1I-1060V (RoHS) MTBF : 736,877
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : Q1I / MTBF
Module Reference Designation : Q1I
Environmental Condition : GB
Ambient Temperature: 25°C

Q1I-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	B200000394	BOM	SPECIAL	1	0.094935	0.094935
3	B200000395	BOM	SPECIAL	1	0.094935	0.094935
4	B200010144	BOM	NMIL	1	0.000798	0.000798
5	B200020004	BOM	NMIL	1	0.005156	0.005156
6	B200030023	BOM	NMIL	1	0.007617	0.007617
7	B200030043	BOM	NMIL	1	0.007617	0.007617
8	B200030047	BOM	NMIL	1	0.007617	0.007617
9	B200040035	BOM	NMIL	2	0.007909	0.015818
10	B200050024	BOM	NMIL	1	0.005218	0.005218
11	B200050032	BOM	NMIL	1	0.005218	0.005218
12	B200060016	BOM	NMIL	1	0.014607	0.014607
13	B200070009	BOM	NMIL	1	0.000754	0.000754
14	B200110001	BOM	NMIL	1	0.004650	0.004650
15	B200110042	BOM	NMIL	1	0.004650	0.004650
16	B200110120	BOM	NMIL	5	0.004650	0.023250
17	B200110123	BOM	NMIL	2	0.004650	0.009300
18	B200110127	BOM	NMIL	2	0.007440	0.014880
19	B200110172	BOM	NMIL	1	0.004650	0.004650
20	B200110192	BOM	NMIL	1	0.004650	0.004650
21	B200110235	BOM	NMIL	2	0.004650	0.009300
22	B200110259	BOM	NMIL	1	0.004650	0.004650
23	B200110276	BOM	NMIL	2	0.004650	0.009300
24	B200110303	BOM	NMIL	2	0.005115	0.010230

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25	B200110311	BOM	NMIL	1	0.004650	0.004650
26	B200110317	BOM	NMIL	1	0.004650	0.004650
27	B200110491	BOM	NMIL	1	0.004650	0.004650
28	B200110554	BOM	NMIL	1	0.004650	0.004650
29	B200110561	BOM	NMIL	1	0.004650	0.004650
30	B200120113	BOM	NMIL	1	0.005425	0.005425
31	B200120161	BOM	NMIL	1	0.005425	0.005425
32	B200160006	BOM	NMIL	1	0.065000	0.065000
33	B200180003	BOM	N/A	2	0.007411	0.014822
34	B200200053	BOM	N/A	1	0.014056	0.014056
35	B200200064	BOM	N/A	1	0.008470	0.008470
36	B200200066	BOM	N/A	1	0.010911	0.010911
37	B200200069	BOM	N/A	1	0.006575	0.006575
38	B200200153	BOM	N/A	1	0.009203	0.009203
39	B200200156	BOM	N/A	4	0.011856	0.047424
40	B200220018	BOM	N/A	3	0.002416	0.007248
41	B200220031	BOM	N/A	1	0.002541	0.002541
42	B200220043	BOM	N/A	1	0.002416	0.002416
43	B200230198	BOM	N/A	3	0.058210	0.174630
44	B200230336	BOM	N/A	1	0.025409	0.025409
45	B200230393	BOM	N/A	2	0.163660	0.327320
46	B200250007	BOM	NMIL	1	0.023160	0.023160
47	B200260290	BOM	NMIL	2	0.027440	0.054880
48	B200280012	BOM	NMIL	1	0.015958	0.015958
49	B200300326	BOM	NMIL	1	0.026144	0.026144
50	B210160065	BOM	N/A	1	0.010000	0.010000
51	B210191379	N/A	STANDARD	1	0.022077	0.022077

Total Failure Rate (F/10⁶Hrs) : 1.357079
Mean Time (in hours) Between Failures (MTBF) : **736,877**