

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 : FEB-06-2012      Time : 14:18:41  
End Item Title : R1S SERIES MTBF  
End Item Part Number : R1S-1120V (RoHS)  
R1S-1120V (RoHS) MTBF : 251,582  
Module Title : ZIPPY TECHNOLOGY CORP  
Module Part Number : R1S / MTBF  
Module Reference Designation : R1S  
Environmental Condition : GB  
Ambient Temperature: 25°C

**R1S-1120V (RoHS)**

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 <sup>6</sup> Hrs)	Total Failure Rate (F/10 <sup>6</sup> Hrs)
1	B102330005	BOM	NMIL	1	0.125731	0.125731
2	B104380002	BOM	NMIL	1	0.400160	0.400160
3	B104380003	BOM	NMIL	1	0.065162	0.065162
4	B104380004	BOM	NMIL	1	0.066630	0.066630
5	B200000327	BOM	SPECIAL	1	0.094935	0.094935
6	B200010109	BOM	NMIL	2	0.000121	0.000242
7	B200010134	BOM	NMIL	1	0.041400	0.041400
8	B200010172	BOM	NMIL	1	0.041400	0.041400
9	B200010173	BOM	NMIL	1	0.041400	0.041400
10	B200020004	BOM	NMIL	1	0.005156	0.005156
11	B200020014	BOM	NMIL	1	0.006751	0.006751
12	B200020021	BOM	NMIL	1	0.006751	0.006751
13	B200040073	BOM	NMIL	2	0.005967	0.011934
14	B200050032	BOM	NMIL	2	0.005218	0.010436
15	B200050059	BOM	NMIL	1	0.088813	0.088813
16	B200050070	BOM	NMIL	1	0.005218	0.005218
17	B200050079	BOM	NMIL	1	0.005218	0.005218
18	B200060018	BOM	NMIL	1	0.014607	0.014607
19	B200090005	BOM	NMIL	1	0.001518	0.001518
20	B200110042	BOM	NMIL	4	0.004650	0.018600
21	B200110046	BOM	NMIL	2	0.004650	0.009300
22	B200110120	BOM	NMIL	2	0.004650	0.009300
23	B200110127	BOM	NMIL	2	0.007440	0.014880
24	B200110156	BOM	NMIL	3	0.004650	0.013950

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25	B200110276	BOM	NMIL	1	0.004650	0.004650
26	B200110346	BOM	NMIL	1	0.004650	0.004650
27	B200110348	BOM	NMIL	1	0.004650	0.004650
28	B200110473	BOM	NMIL	1	0.004650	0.004650
29	B200110583	BOM	NMIL	2	0.004650	0.009300
30	B200110608	BOM	NMIL	9	0.007440	0.066960
31	B200110636	BOM	NMIL	1	0.005115	0.005115
32	B200120161	BOM	NMIL	2	0.005425	0.010850
33	B200160006	BOM	NMIL	1	0.065000	0.065000
34	B200170026	BOM	NMIL	1	0.004875	0.004875
35	B200170042	BOM	NMIL	2	0.003285	0.006570
36	B200180075	BOM	N/A	1	0.008923	0.008923
37	B200190070	BOM	N/A	1	0.015889	0.015889
38	B200190071	BOM	N/A	1	0.014104	0.014104
39	B200190072	BOM	N/A	1	0.014987	0.014987
40	B200200087	BOM	N/A	1	0.014056	0.014056
41	B200200096	BOM	N/A	1	0.008147	0.008147
42	B200200157	BOM	N/A	1	0.011856	0.011856
43	B200220028	BOM	N/A	2	0.002647	0.005294
44	B200220054	BOM	N/A	2	0.003478	0.006956
45	B200220063	BOM	N/A	1	0.002416	0.002416
46	B200230198	BOM	N/A	1	0.058210	0.058210
47	B200230336	BOM	N/A	1	0.025409	0.025409
48	B200230337	BOM	N/A	1	0.022047	0.022047
49	B200230348	BOM	N/A	1	0.033370	0.033370
50	B200230350	BOM	N/A	1	0.144509	0.144509
51	B200230429	BOM	N/A	2	0.048735	0.097470
52	B200250016	BOM	NMIL	1	0.023160	0.023160
53	B200260174	BOM	NMIL	1	0.027440	0.027440
54	B200260208	BOM	NMIL	1	0.027440	0.027440
55	B200280012	BOM	NMIL	1	0.015958	0.015958
56	B200300351	BOM	NMIL	1	0.026144	0.026144
57	B200300352	BOM	NMIL	1	0.026144	0.026144
58	B210090161	BOM	KNOWNFR	1	2.027572	2.027572
59	B210160065	BOM	N/A	1	0.010000	0.010000
60	B210191598	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10<sup>6</sup>Hrs) : 3.974851  
 Mean Time (in hours) Between Failures (MTBF) : **251,582**