

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 : APR-13-2012 Time : 10:20:06
End Item Title : R1U SERIES MTBF
End Item Part Number : R1U-2220V (RoHS)
R1U-2220V (RoHS) MTBF : 189,996
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : R1U / MTBF
Module Reference Designation : R1U
Environmental Condition : GB
Ambient Temperature: 25°C

R1U-2220V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102800004	BOM	NMIL	1	0.195486	0.195486
2	B103290002	BOM	NMIL	1	0.516703	0.516703
3	B103290003	BOM	NMIL	1	0.076646	0.076646
4	B200000001	BOM	SPECIAL	1	0.094935	0.094935
5	B200000296	BOM	SPECIAL	1	0.094935	0.094935
6	B200000364	BOM	SPECIAL	1	0.094935	0.094935
7	B200000378	BOM	SPECIAL	1	0.094935	0.094935
8	B200010052	BOM	NMIL	1	0.000798	0.000798
9	B200010083	BOM	NMIL	1	0.000773	0.000773
10	B200010109	BOM	NMIL	2	0.000798	0.001596
11	B200010128	BOM	NMIL	1	0.030400	0.030400
12	B200010134	BOM	NMIL	1	0.000773	0.000773
13	B200010137	BOM	NMIL	2	0.030400	0.060800
14	B200020004	BOM	NMIL	3	0.005156	0.015467
15	B200020016	BOM	NMIL	1	0.005156	0.005156
16	B200020021	BOM	NMIL	1	0.006751	0.006751
17	B200040005	BOM	NMIL	1	0.015599	0.015599
18	B200040029	BOM	NMIL	1	0.005967	0.005967
19	B200040063	BOM	NMIL	1	0.015599	0.015599
20	B200040073	BOM	NMIL	1	0.005967	0.005967
21	B200050024	BOM	NMIL	1	0.005218	0.005218
22	B200050032	BOM	NMIL	3	0.005218	0.015654
23	B200050063	BOM	NMIL	1	0.085991	0.085991
24	B200050072	BOM	NMIL	1	0.005218	0.005218

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25	B200060015	BOM	NMIL	1	0.014143	0.014143
26	B200090005	BOM	NMIL	1	0.018095	0.018095
27	B200110001	BOM	NMIL	3	0.004650	0.013950
28	B200110042	BOM	NMIL	4	0.004650	0.018600
29	B200110087	BOM	NMIL	2	0.004650	0.009300
30	B200110123	BOM	NMIL	3	0.004650	0.013950
31	B200110172	BOM	NMIL	1	0.004650	0.004650
32	B200110202	BOM	NMIL	1	0.004650	0.004650
33	B200110210	BOM	NMIL	2	0.005115	0.010230
34	B200110223	BOM	NMIL	4	0.005115	0.020460
35	B200110276	BOM	NMIL	4	0.004650	0.018600
36	B200110309	BOM	NMIL	1	0.004650	0.004650
37	B200110311	BOM	NMIL	1	0.004650	0.004650
38	B200110393	BOM	NMIL	3	0.005115	0.015345
39	B200110487	BOM	NMIL	1	0.004650	0.004650
40	B200110488	BOM	NMIL	2	0.004650	0.009300
41	B200110491	BOM	NMIL	1	0.004650	0.004650
42	B200110493	BOM	NMIL	3	0.005115	0.015345
43	B200110503	BOM	NMIL	1	0.005115	0.005115
44	B200110507	BOM	NMIL	2	0.004650	0.009300
45	B200110508	BOM	NMIL	1	0.004650	0.004650
46	B200110524	BOM	NMIL	1	0.004650	0.004650
47	B200110598	BOM	NMIL	1	0.004650	0.004650
48	B200110612	BOM	NMIL	1	0.004650	0.004650
49	B200110613	BOM	NMIL	1	0.004650	0.004650
50	B200110691	BOM	NMIL	2	0.004650	0.009300
51	B200120025	BOM	NMIL	1	0.006870	0.006870
52	B200120160	BOM	NMIL	1	0.006105	0.006105
53	B200120161	BOM	NMIL	3	0.007735	0.023205
54	B200160006	BOM	NMIL	1	0.065000	0.065000
55	B200160035	BOM	NMIL	1	0.105000	0.105000
56	B200170024	BOM	NMIL	1	0.013070	0.013070
57	B200170028	BOM	NMIL	1	0.004875	0.004875
58	B200170032	BOM	NMIL	1	0.008810	0.008810
59	B200180075	BOM	N/A	1	0.008923	0.008923
60	B200190035	BOM	N/A	1	0.015889	0.015889
61	B200190061	BOM	N/A	1	0.016347	0.016347
62	B200200017	BOM	N/A	6	0.011856	0.071136
63	B200200032	BOM	N/A	1	0.007791	0.007791
64	B200200060	BOM	N/A	1	0.012930	0.012930
65	B200200062	BOM	N/A	1	0.007791	0.007791
66	B200200064	BOM	N/A	3	0.008470	0.025410
67	B200200092	BOM	N/A	2	0.019676	0.039352
68	B200200103	BOM	N/A	1	0.005315	0.005315

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69	B200220028	BOM	N/A	2	0.002647	0.005294
70	B200220031	BOM	N/A	2	0.002541	0.005082
71	B200220053	BOM	N/A	1	0.002537	0.002537
72	B200230336	BOM	N/A	4	0.024602	0.098408
73	B200230337	BOM	N/A	1	0.021347	0.021347
74	B200230350	BOM	N/A	1	0.139917	0.139917
75	B200230356	BOM	N/A	4	0.042689	0.170756
76	B200230381	BOM	N/A	2	0.045624	0.091248
77	B200250009	BOM	NMIL	1	0.022424	0.022424
78	B200260174	BOM	NMIL	1	0.042563	0.042563
79	B200260288	BOM	NMIL	1	0.042563	0.042563
80	B200270014	BOM	NMIL	1	0.026568	0.026568
81	B200280012	BOM	NMIL	1	0.015958	0.015958
82	B200300255	BOM	NMIL	1	0.003722	0.003722
83	B200300300	BOM	NMIL	1	0.025314	0.025314
84	B210090162	BOM	KNOWNFR	1	2.376670	2.376670
85	B210160053	BOM	N/A	1	0.010000	0.010000
86	B210191065	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10 ⁶ Hrs) :	5.263262
Mean Time (in hours) Between Failures (MTBF) :	189,996