

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-16-2012 Time : 13:27:12
End Item Title : DR1U SERIES MTBF
End Item Part Number : DR1U-2200V (RoHS)
DR1U-2200V (RoHS) MTBF : 168,643
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : DR1U / MTBF
Module Reference Designation : DR1U
Environmental Condition : GB
Ambient Temperature: 25°C

DR1U-2200V (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	B103160002	BOM	NMIL	1	0.206970	0.206970
3	B104260002	BOM	NMIL	1	0.516703	0.516703
4	B200000001	BOM	SPECIAL	1	0.094935	0.094935
5	B200000296	BOM	SPECIAL	1	0.094935	0.094935
6	B200000316	BOM	SPECIAL	1	0.094935	0.094935
7	B200000357	BOM	SPECIAL	1	0.094935	0.094935
8	B200000364	BOM	SPECIAL	1	0.094935	0.094935
9	B200000378	BOM	SPECIAL	1	0.094935	0.094935
10	B200010052	BOM	NMIL	2	0.000121	0.000242
11	B200010088	BOM	NMIL	1	0.041400	0.041400
12	B200010109	BOM	NMIL	3	0.000121	0.000363
13	B200010116	BOM	NMIL	5	0.041400	0.207000
14	B200010125	BOM	NMIL	1	0.000244	0.000244
15	B200010165	BOM	NMIL	1	0.041400	0.041400
16	B200020004	BOM	NMIL	2	0.005156	0.010312
17	B200020017	BOM	NMIL	1	0.005156	0.005156
18	B200030019	BOM	NMIL	2	0.007617	0.015234
19	B200040005	BOM	NMIL	1	0.007909	0.007909
20	B200040063	BOM	NMIL	1	0.016111	0.016111
21	B200040073	BOM	NMIL	3	0.005967	0.017901
22	B200040075	BOM	NMIL	1	0.002929	0.002929
23	B200040084	BOM	NMIL	1	0.007909	0.007909
24	B200050024	BOM	NMIL	1	0.005218	0.005218

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25	B200050037	BOM	NMIL	3	0.005218	0.015654
26	B200050077	BOM	NMIL	1	0.005218	0.005218
27	B200090005	BOM	NMIL	1	0.001518	0.001518
28	B200110001	BOM	NMIL	2	0.004650	0.009300
29	B200110016	BOM	NMIL	4	0.004650	0.018600
30	B200110042	BOM	NMIL	5	0.004650	0.023250
31	B200110046	BOM	NMIL	1	0.004650	0.004650
32	B200110054	BOM	NMIL	1	0.005115	0.005115
33	B200110084	BOM	NMIL	1	0.005115	0.005115
34	B200110120	BOM	NMIL	1	0.004650	0.004650
35	B200110123	BOM	NMIL	2	0.004650	0.009300
36	B200110172	BOM	NMIL	1	0.004650	0.004650
37	B200110177	BOM	NMIL	3	0.004650	0.013950
38	B200110192	BOM	NMIL	2	0.004650	0.009300
39	B200110202	BOM	NMIL	1	0.004650	0.004650
40	B200110227	BOM	NMIL	3	0.004650	0.013950
41	B200110235	BOM	NMIL	1	0.004650	0.004650
42	B200110261	BOM	NMIL	1	0.004650	0.004650
43	B200110293	BOM	NMIL	2	0.005115	0.010230
44	B200110311	BOM	NMIL	1	0.004650	0.004650
45	B200110357	BOM	NMIL	2	0.004650	0.009300
46	B200110488	BOM	NMIL	4	0.004650	0.018600
47	B200110489	BOM	NMIL	1	0.004650	0.004650
48	B200110490	BOM	NMIL	1	0.004650	0.004650
49	B200110494	BOM	NMIL	1	0.004650	0.004650
50	B200110503	BOM	NMIL	4	0.005115	0.020460
51	B200110506	BOM	NMIL	1	0.004650	0.004650
52	B200110507	BOM	NMIL	2	0.004650	0.009300
53	B200110508	BOM	NMIL	1	0.004650	0.004650
54	B200110512	BOM	NMIL	1	0.004650	0.004650
55	B200110523	BOM	NMIL	1	0.004650	0.004650
56	B200110571	BOM	NMIL	2	0.004650	0.009300
57	B200110584	BOM	NMIL	2	0.004650	0.009300
58	B200110659	BOM	NMIL	1	0.004650	0.004650
59	B200110691	BOM	NMIL	2	0.004650	0.009300
60	B200110727	BOM	NMIL	1	0.004650	0.004650
61	B200120039	BOM	NMIL	2	0.004820	0.009640
62	B200120109	BOM	NMIL	1	0.005425	0.005425
63	B200120135	BOM	NMIL	1	0.007735	0.007735
64	B200120153	BOM	NMIL	1	0.008705	0.008705
65	B200120179	BOM	NMIL	1	0.005425	0.005425
66	B200160034	BOM	NMIL	1	0.105000	0.105000
67	B200160035	BOM	NMIL	1	0.105000	0.105000
68	B200160040	BOM	NMIL	1	0.105000	0.105000

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69	B200170032	BOM	NMIL	1	0.004875	0.004875
70	B200170033	BOM	NMIL	1	0.004875	0.004875
71	B200200060	BOM	N/A	1	0.012930	0.012930
72	B200200064	BOM	N/A	1	0.008470	0.008470
73	B200200069	BOM	N/A	1	0.006575	0.006575
74	B200200074	BOM	N/A	2	0.015274	0.030548
75	B200200082	BOM	N/A	4	0.016657	0.066628
76	B200200092	BOM	N/A	2	0.019676	0.039352
77	B200200100	BOM	N/A	1	0.021459	0.021459
78	B200200104	BOM	N/A	2	0.007144	0.014288
79	B200200145	BOM	N/A	1	0.006048	0.006048
80	B200200153	BOM	N/A	1	0.009203	0.009203
81	B200200154	BOM	N/A	2	0.009203	0.018406
82	B200200156	BOM	N/A	7	0.011856	0.082992
83	B200200158	BOM	N/A	2	0.007791	0.015582
84	B200220010	BOM	N/A	3	0.002761	0.008283
85	B200220028	BOM	N/A	3	0.002647	0.007941
86	B200220048	BOM	N/A	1	0.002647	0.002647
87	B200230336	BOM	N/A	2	0.025409	0.050818
88	B200230337	BOM	N/A	1	0.022047	0.022047
89	B200230338	BOM	N/A	1	0.029130	0.029130
90	B200230381	BOM	N/A	2	0.047121	0.094242
91	B200230387	BOM	N/A	1	0.052193	0.052193
92	B200230388	BOM	N/A	1	0.032199	0.032199
93	B200230424	BOM	N/A	4	0.052193	0.208772
94	B200250009	BOM	NMIL	1	0.023160	0.023160
95	B200260276	BOM	NMIL	1	0.027440	0.027440
96	B200260329	BOM	NMIL	1	0.027440	0.027440
97	B200260330	BOM	NMIL	1	0.027440	0.027440
98	B200280017	BOM	NMIL	1	0.015958	0.015958
99	B200300347	BOM	NMIL	1	0.003845	0.003845
100	B200300358	BOM	NMIL	1	0.026144	0.026144
101	B210090162	BOM	KNOWNFR	1	2.376670	2.376670
102	B210150024	BOM	N/A	1	0.010000	0.010000
103	B210191634	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 5.929675
Mean Time (in hours) Between Failures (MTBF) : 168,643