

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 : MAR-18-2014 Time : 16:48:32
End Item Title : DM1Y SERIES MTBF
End Item Part Number : DM1Y-2302V (RoHS)
DM1Y-2302V (RoHS) MTBF : 164,368
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : DM1Y / MTBF
Module Reference Designation : DM1Y
Environmental Condition : GB
Ambient Temperature: 25°C

DM1Y-2302V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102330004	BOM	NMIL	1	0.069564	0.069564
2	B103210004	BOM	NMIL	1	0.065162	0.065162
3	B104400003	BOM	NMIL	1	0.220943	0.220943
4	B104470003	BOM	NMIL	1	0.197783	0.197783
5	B200000144	BOM	SPECIAL	1	0.094935	0.094935
6	B200000242	BOM	SPECIAL	3	0.094935	0.284805
7	B200000256	BOM	SPECIAL	1	0.094935	0.094935
8	B200000308	BOM	SPECIAL	4	0.094935	0.379740
9	B200000366	BOM	SPECIAL	1	0.094935	0.094935
10	B200000377	BOM	SPECIAL	1	0.094935	0.094935
11	B200000401	BOM	SPECIAL	1	0.094935	0.094935
12	B200000545	BOM	SPECIAL	1	0.094935	0.094935
13	B200010009	BOM	NMIL	1	0.000798	0.000798
14	B200010022	BOM	NMIL	1	0.000798	0.000798
15	B200010052	BOM	NMIL	1	0.000798	0.000798
16	B200010056	BOM	NMIL	5	0.000798	0.003990
17	B200010087	BOM	NMIL	2	0.000798	0.001596
18	B200010088	BOM	NMIL	1	0.031398	0.031398
19	B200010112	BOM	NMIL	2	0.031398	0.062796
20	B200010153	BOM	NMIL	2	0.031398	0.062796
21	B200010161	BOM	NMIL	2	0.031398	0.062796
22	B200010224	BOM	NMIL	4	0.031398	0.125592
23	B200020024	BOM	NMIL	19	0.005156	0.097964
24	B200030069	BOM	NMIL	5	0.007617	0.038085

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25	B200030081	BOM	NMIL	1	0.003446	0.003446
26	B200040015	BOM	NMIL	1	0.005967	0.005967
27	B200040068	BOM	NMIL	1	0.016111	0.016111
28	B200040084	BOM	NMIL	1	0.016111	0.016111
29	B200040117	BOM	NMIL	1	0.005967	0.005967
30	B200050022	BOM	NMIL	2	0.005218	0.010436
31	B200050024	BOM	NMIL	1	0.005218	0.005218
32	B200050027	BOM	NMIL	2	0.005218	0.010436
33	B200050036	BOM	NMIL	3	0.005218	0.015654
34	B200090005	BOM	NMIL	1	0.001518	0.001518
35	B200110001	BOM	NMIL	2	0.004650	0.009300
36	B200110016	BOM	NMIL	1	0.004650	0.004650
37	B200110035	BOM	NMIL	1	0.004650	0.004650
38	B200110042	BOM	NMIL	2	0.004650	0.009300
39	B200110046	BOM	NMIL	4	0.004650	0.018600
40	B200110073	BOM	NMIL	2	0.005115	0.010230
41	B200110087	BOM	NMIL	3	0.004650	0.013950
42	B200110123	BOM	NMIL	4	0.004650	0.018600
43	B200110172	BOM	NMIL	1	0.004650	0.004650
44	B200110190	BOM	NMIL	1	0.004650	0.004650
45	B200110192	BOM	NMIL	1	0.004650	0.004650
46	B200110235	BOM	NMIL	1	0.004650	0.004650
47	B200110279	BOM	NMIL	1	0.004650	0.004650
48	B200110494	BOM	NMIL	1	0.004650	0.004650
49	B200110498	BOM	NMIL	1	0.004650	0.004650
50	B200110508	BOM	NMIL	1	0.004650	0.004650
51	B200110512	BOM	NMIL	2	0.004650	0.009300
52	B200110513	BOM	NMIL	1	0.004650	0.004650
53	B200110523	BOM	NMIL	2	0.004650	0.009300
54	B200110592	BOM	NMIL	3	0.004650	0.013950
55	B200110658	BOM	NMIL	2	0.004650	0.009300
56	B200110729	BOM	NMIL	3	0.004650	0.013950
57	B200110731	BOM	NMIL	3	0.004650	0.013950
58	B200110733	BOM	NMIL	10	0.004650	0.046500
59	B200110735	BOM	NMIL	1	0.004650	0.004650
60	B200110739	BOM	NMIL	3	0.004650	0.013950
61	B200110740	BOM	NMIL	1	0.004650	0.004650
62	B200110743	BOM	NMIL	2	0.004650	0.009300
63	B200110744	BOM	NMIL	3	0.004650	0.013950
64	B200110745	BOM	NMIL	2	0.004650	0.009300
65	B200110746	BOM	NMIL	1	0.004650	0.004650
66	B200110771	BOM	NMIL	1	0.005115	0.005115
67	B200110775	BOM	NMIL	5	0.004650	0.023250
68	B200110776	BOM	NMIL	2	0.004650	0.009300

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69	B200110800	BOM	NMIL	2	0.004650	0.009300
70	B200110807	BOM	NMIL	1	0.004650	0.004650
71	B200110811	BOM	NMIL	1	0.004650	0.004650
72	B200110812	BOM	NMIL	1	0.004650	0.004650
73	B200110831	BOM	NMIL	1	0.004650	0.004650
74	B200110834	BOM	NMIL	1	0.004650	0.004650
75	B200110835	BOM	NMIL	1	0.004650	0.004650
76	B200110841	BOM	NMIL	2	0.004650	0.009300
77	B200110845	BOM	NMIL	2	0.004650	0.009300
78	B200110848	BOM	NMIL	1	0.004650	0.004650
79	B200110849	BOM	NMIL	1	0.005115	0.005115
80	B200110866	BOM	NMIL	1	0.004650	0.004650
81	B200110905	BOM	NMIL	1	0.004650	0.004650
82	B200110949	BOM	NMIL	1	0.005115	0.005115
83	B200111003	BOM	NMIL	1	0.004650	0.004650
84	B200120015	BOM	NMIL	1	0.007557	0.007557
85	B200120113	BOM	NMIL	1	0.005425	0.005425
86	B200120174	BOM	NMIL	1	0.004820	0.004820
87	B200160017	BOM	NMIL	1	0.065000	0.065000
88	B200160034	BOM	NMIL	1	0.065000	0.065000
89	B200170029	BOM	NMIL	3	0.004875	0.014625
90	B200170043	BOM	NMIL	2	0.003285	0.006570
91	B200200057	BOM	N/A	1	0.018108	0.018108
92	B200200061	BOM	N/A	3	0.008470	0.025410
93	B200200066	BOM	N/A	1	0.010911	0.010911
94	B200200113	BOM	N/A	3	0.009203	0.027609
95	B200200114	BOM	N/A	8	0.011856	0.094848
96	B200200116	BOM	N/A	1	0.007144	0.007144
97	B200200118	BOM	N/A	3	0.015274	0.045822
98	B200200120	BOM	N/A	1	0.010911	0.010911
99	B200200121	BOM	N/A	1	0.012930	0.012930
100	B200200125	BOM	N/A	2	0.006575	0.013150
101	B200200179	BOM	N/A	1	0.005798	0.005798
102	B200220020	BOM	N/A	1	0.002337	0.002337
103	B200220028	BOM	N/A	3	0.013891	0.041673
104	B200230198	BOM	N/A	4	0.058210	0.232840
105	B200230210	BOM	N/A	1	0.050508	0.050508
106	B200230277	BOM	N/A	1	0.041493	0.041493
107	B200230338	BOM	N/A	2	0.029130	0.058260
108	B200230347	BOM	N/A	2	0.019246	0.038492
109	B200230377	BOM	N/A	2	0.028585	0.057170
110	B200230387	BOM	N/A	1	0.052193	0.052193
111	B200230415	BOM	N/A	1	0.045502	0.045502
112	B200250009	BOM	NMIL	1	0.023160	0.023160

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113	B200260046	BOM	NMIL	1	0.027440	0.027440
114	B200260271	BOM	NMIL	1	0.027440	0.027440
115	B200260280	BOM	NMIL	1	0.027440	0.027440
116	B200260363	BOM	NMIL	1	0.027440	0.027440
117	B200300236	BOM	NMIL	1	0.003845	0.003845
118	B200300418	BOM	NMIL	1	0.003845	0.003845
119	B200300419	BOM	NMIL	1	0.026144	0.026144
120	B210090197	BOM	KNOWNFR	1	2.030495	2.030495
121	B210160069	BOM	N/A	1	0.010000	0.010000
122	B210192103	N/A	STANDARD	1	0.016567	0.016567

Total Failure Rate (F/10 ⁶ Hrs) :	6.083925
Mean Time (in hours) Between Failures (MTBF) :	164,368