

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-26-2014 Time : 16:20:27
End Item Title : DM1S SERIES MTBF
End Item Part Number : DM1S-3401V (RoHS)
DM1S-3401V (RoHS) MTBF : 161,361
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : DM1S / MTBF
Module Reference Designation : DM1S
Environmental Condition : GB
Ambient Temperature: 25°C

DM1S-3401V (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	B103730006	BOM	NMIL	1	0.080219	0.080219
4	B104090002	BOM	NMIL	1	0.411835	0.411835
5	B104090003	BOM	NMIL	1	0.132621	0.132621
6	B104090004	BOM	NMIL	1	0.033705	0.033705
7	B200000080	BOM	SPECIAL	2	0.094935	0.189870
8	B200000144	BOM	SPECIAL	1	0.094935	0.094935
9	B200000207	BOM	SPECIAL	1	0.094935	0.094935
10	B200000257	BOM	SPECIAL	1	0.094935	0.094935
11	B200000268	BOM	SPECIAL	1	0.094935	0.094935
12	B200000308	BOM	SPECIAL	1	0.094935	0.094935
13	B200000316	BOM	SPECIAL	1	0.094935	0.094935
14	B200000377	BOM	SPECIAL	1	0.094935	0.094935
15	B200000443	BOM	SPECIAL	1	0.094935	0.094935
16	B200010009	BOM	NMIL	1	0.000798	0.000798
17	B200010022	BOM	NMIL	1	0.000798	0.000798
18	B200010056	BOM	NMIL	5	0.000798	0.003990
19	B200010080	BOM	NMIL	2	0.030142	0.060284
20	B200010153	BOM	NMIL	2	0.030142	0.060284
21	B200010161	BOM	NMIL	2	0.030142	0.060284
22	B200010162	BOM	NMIL	1	0.030142	0.030142
23	B200010192	BOM	NMIL	2	0.000798	0.001596
24	B200020024	BOM	NMIL	16	0.005156	0.082496

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25	B200030069	BOM	NMIL	4	0.007617	0.030468
26	B200030081	BOM	NMIL	1	0.003446	0.003446
27	B200040012	BOM	NMIL	1	0.005967	0.005967
28	B200040063	BOM	NMIL	1	0.015467	0.015467
29	B200040084	BOM	NMIL	1	0.015467	0.015467
30	B200040117	BOM	NMIL	1	0.005728	0.005728
31	B200050024	BOM	NMIL	1	0.005218	0.005218
32	B200050027	BOM	NMIL	2	0.005218	0.010436
33	B200050036	BOM	NMIL	4	0.005218	0.020872
34	B200050039	BOM	NMIL	1	0.005218	0.005218
35	B200090005	BOM	NMIL	1	0.001518	0.001518
36	B200110001	BOM	NMIL	1	0.004650	0.004650
37	B200110042	BOM	NMIL	7	0.004650	0.032550
38	B200110046	BOM	NMIL	8	0.004650	0.037200
39	B200110073	BOM	NMIL	2	0.005115	0.010230
40	B200110120	BOM	NMIL	15	0.004650	0.069750
41	B200110123	BOM	NMIL	6	0.004650	0.027900
42	B200110172	BOM	NMIL	3	0.004650	0.013950
43	B200110190	BOM	NMIL	1	0.004650	0.004650
44	B200110192	BOM	NMIL	3	0.004650	0.013950
45	B200110202	BOM	NMIL	1	0.004650	0.004650
46	B200110227	BOM	NMIL	2	0.004650	0.009300
47	B200110276	BOM	NMIL	1	0.004650	0.004650
48	B200110279	BOM	NMIL	3	0.004650	0.013950
49	B200110343	BOM	NMIL	1	0.004650	0.004650
50	B200110430	BOM	NMIL	1	0.004650	0.004650
51	B200110488	BOM	NMIL	1	0.004650	0.004650
52	B200110493	BOM	NMIL	1	0.005115	0.005115
53	B200110494	BOM	NMIL	2	0.004650	0.009300
54	B200110498	BOM	NMIL	1	0.004650	0.004650
55	B200110501	BOM	NMIL	1	0.004650	0.004650
56	B200110503	BOM	NMIL	1	0.005115	0.005115
57	B200110505	BOM	NMIL	1	0.004650	0.004650
58	B200110506	BOM	NMIL	1	0.004650	0.004650
59	B200110508	BOM	NMIL	4	0.004650	0.018600
60	B200110510	BOM	NMIL	1	0.004650	0.004650
61	B200110519	BOM	NMIL	2	0.004650	0.009300
62	B200110523	BOM	NMIL	1	0.004650	0.004650
63	B200110525	BOM	NMIL	1	0.004650	0.004650
64	B200110530	BOM	NMIL	1	0.004650	0.004650
65	B200110545	BOM	NMIL	1	0.004650	0.004650
66	B200110550	BOM	NMIL	1	0.004650	0.004650
67	B200110551	BOM	NMIL	1	0.004650	0.004650
68	B200110554	BOM	NMIL	4	0.004650	0.018600

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69	B200110560	BOM	NMIL	1	0.004650	0.004650
70	B200110561	BOM	NMIL	5	0.004650	0.023250
71	B200110571	BOM	NMIL	1	0.004650	0.004650
72	B200110584	BOM	NMIL	2	0.004650	0.009300
73	B200110588	BOM	NMIL	1	0.004650	0.004650
74	B200110590	BOM	NMIL	1	0.005115	0.005115
75	B200110594	BOM	NMIL	1	0.004650	0.004650
76	B200110613	BOM	NMIL	1	0.004650	0.004650
77	B200110640	BOM	NMIL	1	0.004650	0.004650
78	B200110658	BOM	NMIL	2	0.004650	0.009300
79	B200120011	BOM	NMIL	1	0.007735	0.007735
80	B200120017	BOM	NMIL	1	0.009576	0.009576
81	B200120032	BOM	NMIL	1	0.006870	0.006870
82	B200120101	BOM	NMIL	1	0.006105	0.006105
83	B200120174	BOM	NMIL	1	0.004820	0.004820
84	B200160017	BOM	NMIL	1	0.065000	0.065000
85	B200160034	BOM	NMIL	1	0.065000	0.065000
86	B200170020	BOM	NMIL	2	0.004875	0.009750
87	B200170029	BOM	NMIL	1	0.004875	0.004875
88	B200170033	BOM	NMIL	2	0.004875	0.009750
89	B200200021	BOM	N/A	4	0.015274	0.061096
90	B200200054	BOM	N/A	2	0.014056	0.028112
91	B200200061	BOM	N/A	4	0.008470	0.033880
92	B200200071	BOM	N/A	1	0.006048	0.006048
93	B200200083	BOM	N/A	3	0.007144	0.021432
94	B200200101	BOM	N/A	1	0.016657	0.016657
95	B200200153	BOM	N/A	4	0.009203	0.036812
96	B200200156	BOM	N/A	4	0.011856	0.047424
97	B200200158	BOM	N/A	2	0.007791	0.015582
98	B200200166	BOM	N/A	1	0.012930	0.012930
99	B200210007	BOM	N/A	2	0.021805	0.043610
100	B200220018	BOM	N/A	2	0.012681	0.025362
101	B200220021	BOM	N/A	1	0.002337	0.002337
102	B200220036	BOM	N/A	2	0.013891	0.027782
103	B200220048	BOM	N/A	1	0.013891	0.013891
104	B200230057	BOM	N/A	1	0.030330	0.030330
105	B200230198	BOM	N/A	5	0.055882	0.279410
106	B200230210	BOM	N/A	2	0.048488	0.096976
107	B200230236	BOM	N/A	1	0.016116	0.016116
108	B200230276	BOM	N/A	2	0.026317	0.052634
109	B200230277	BOM	N/A	1	0.039833	0.039833
110	B200230338	BOM	N/A	2	0.027965	0.055930
111	B200230377	BOM	N/A	2	0.027442	0.054884

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112	B200230379	BOM	N/A	4	0.035085	0.140340
113	B200250009	BOM	NMIL	1	0.022234	0.022234
114	B200260265	BOM	NMIL	1	0.026342	0.026342
115	B200260271	BOM	NMIL	1	0.026342	0.026342
116	B200260325	BOM	NMIL	1	0.026342	0.026342
117	B200300219	BOM	NMIL	1	0.003691	0.003691
118	B200300236	BOM	NMIL	1	0.003691	0.003691
119	B200300298	BOM	NMIL	1	0.025098	0.025098
120	B200300345	BOM	NMIL	1	0.003691	0.003691
121	B210090117	BOM	KNOWNFR	1	2.068077	2.068077
122	B210160052	BOM	N/A	1	0.010000	0.010000
123	B210191466	N/A	STANDARD	1	0.016567	0.016567

Total Failure Rate (F/10 ⁶ Hrs) :	6.197272
Mean Time (in hours) Between Failures (MTBF) :	161,361