

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 : MAY-16-2012 Time : 09:14:23
End Item Title : ATN SERIES MTBF
End Item Part Number : ATN-5500V (RoHS)
ATN-5500V (RoHS) MTBF : 121,378
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : ATN / MTBF
Module Reference Designation : ATN
Environmental Condition : GB
Ambient Temperature: 25°C

ATN-5500V (RoHS)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B102130002	BOM	NMIL	1	0.074349	0.074349
2	B102540013	BOM	NMIL	1	0.591291	0.591291
3	B102720004	BOM	NMIL	1	0.069564	0.069564
4	B104190002	BOM	NMIL	1	0.883856	0.883856
5	B104190003	BOM	NMIL	1	0.015057	0.015057
6	B104190004	BOM	NMIL	1	0.644190	0.644190
7	B104630004	BOM	NMIL	1	0.033705	0.033705
8	B200000058	BOM	SPECIAL	1	0.094935	0.094935
9	B200000080	BOM	SPECIAL	1	0.094935	0.094935
10	B200000092	BOM	SPECIAL	1	0.091138	0.091138
11	B200000249	BOM	SPECIAL	1	0.094935	0.094935
12	B200000252	BOM	SPECIAL	1	0.094935	0.094935
13	B200000276	BOM	SPECIAL	1	0.094935	0.094935
14	B200000308	BOM	SPECIAL	1	0.094935	0.094935
15	B200000351	BOM	SPECIAL	1	0.094935	0.094935
16	B200000438	BOM	SPECIAL	1	0.094935	0.094935
17	B200010022	BOM	NMIL	2	0.000162	0.000324
18	B200010052	BOM	NMIL	1	0.000121	0.000121
19	B200010056	BOM	NMIL	4	0.000116	0.000464
20	B200010057	BOM	NMIL	2	0.039744	0.079488
21	B200010083	BOM	NMIL	2	0.006955	0.013910
22	B200010143	BOM	NMIL	1	0.039744	0.039744
23	B200010166	BOM	NMIL	5	0.004410	0.022050
24	B200020004	BOM	NMIL	10	0.005156	0.051560

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25	B200020014	BOM	NMIL	1	0.006751	0.006751
26	B200020016	BOM	NMIL	2	0.005156	0.010312
27	B200020021	BOM	NMIL	1	0.006751	0.006751
28	B200030019	BOM	NMIL	1	0.007617	0.007617
29	B200030030	BOM	NMIL	1	0.007617	0.007617
30	B200040015	BOM	NMIL	1	0.005967	0.005967
31	B200040059	BOM	NMIL	1	0.005967	0.005967
32	B200040063	BOM	NMIL	1	0.015467	0.015467
33	B200050024	BOM	NMIL	2	0.005218	0.010436
34	B200050039	BOM	NMIL	1	0.005218	0.005218
35	B200050040	BOM	NMIL	4	0.005218	0.020872
36	B200050063	BOM	NMIL	1	0.065557	0.065557
37	B200060009	BOM	NMIL	1	0.014023	0.014023
38	B200090007	BOM	NMIL	1	0.001518	0.001518
39	B200110001	BOM	NMIL	4	0.004650	0.018600
40	B200110035	BOM	NMIL	1	0.004650	0.004650
41	B200110042	BOM	NMIL	7	0.004650	0.032550
42	B200110046	BOM	NMIL	11	0.004650	0.051150
43	B200110087	BOM	NMIL	2	0.004650	0.009300
44	B200110120	BOM	NMIL	2	0.004650	0.009300
45	B200110123	BOM	NMIL	2	0.004650	0.009300
46	B200110127	BOM	NMIL	3	0.007440	0.022320
47	B200110172	BOM	NMIL	4	0.004650	0.018600
48	B200110177	BOM	NMIL	1	0.004650	0.004650
49	B200110192	BOM	NMIL	2	0.004650	0.009300
50	B200110202	BOM	NMIL	1	0.004650	0.004650
51	B200110235	BOM	NMIL	3	0.004650	0.013950
52	B200110261	BOM	NMIL	1	0.004650	0.004650
53	B200110276	BOM	NMIL	3	0.004650	0.013950
54	B200110279	BOM	NMIL	4	0.004650	0.018600
55	B200110282	BOM	NMIL	2	0.004650	0.009300
56	B200110303	BOM	NMIL	4	0.005115	0.020460
57	B200110309	BOM	NMIL	1	0.004650	0.004650
58	B200110311	BOM	NMIL	1	0.004650	0.004650
59	B200110343	BOM	NMIL	1	0.004650	0.004650
60	B200110487	BOM	NMIL	3	0.004650	0.013950
61	B200110488	BOM	NMIL	2	0.004650	0.009300
62	B200110498	BOM	NMIL	1	0.004650	0.004650
63	B200110503	BOM	NMIL	1	0.005115	0.005115
64	B200110505	BOM	NMIL	1	0.004650	0.004650
65	B200110508	BOM	NMIL	2	0.004650	0.009300
66	B200110510	BOM	NMIL	1	0.004650	0.004650
67	B200110512	BOM	NMIL	2	0.004650	0.009300
68	B200110514	BOM	NMIL	1	0.004650	0.004650

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69	B200110519	BOM	NMIL	1	0.004650	0.004650
70	B200110523	BOM	NMIL	1	0.004650	0.004650
71	B200110524	BOM	NMIL	1	0.004650	0.004650
72	B200110525	BOM	NMIL	1	0.004650	0.004650
73	B200110529	BOM	NMIL	1	0.004650	0.004650
74	B200110553	BOM	NMIL	1	0.004650	0.004650
75	B200110571	BOM	NMIL	1	0.004650	0.004650
76	B200110588	BOM	NMIL	1	0.004650	0.004650
77	B200110639	BOM	NMIL	1	0.004650	0.004650
78	B200110659	BOM	NMIL	1	0.004650	0.004650
79	B200110768	BOM	NMIL	2	0.004650	0.009300
80	B200120015	BOM	NMIL	1	0.007557	0.007557
81	B200120154	BOM	NMIL	1	0.008509	0.008509
82	B200120160	BOM	NMIL	1	0.005425	0.005425
83	B200140029	BOM	NMIL	1	0.035297	0.035297
84	B200160011	BOM	NMIL	1	0.065000	0.065000
85	B200160017	BOM	NMIL	1	0.065000	0.065000
86	B200170019	BOM	NMIL	2	0.004875	0.009750
87	B200170020	BOM	NMIL	4	0.004875	0.019500
88	B200170053	BOM	NMIL	3	0.002215	0.006645
89	B200180075	BOM	N/A	4	0.008923	0.035692
90	B200190033	BOM	N/A	1	0.013308	0.013308
91	B200190035	BOM	N/A	1	0.015889	0.015889
92	B200190038	BOM	N/A	1	0.013308	0.013308
93	B200200053	BOM	N/A	4	0.014056	0.056224
94	B200200060	BOM	N/A	2	0.012930	0.025860
95	B200200061	BOM	N/A	1	0.008470	0.008470
96	B200200066	BOM	N/A	1	0.010911	0.010911
97	B200200069	BOM	N/A	1	0.006575	0.006575
98	B200200074	BOM	N/A	6	0.015274	0.091644
99	B200200153	BOM	N/A	3	0.009203	0.027609
100	B200200156	BOM	N/A	4	0.011856	0.047424
101	B200200158	BOM	N/A	2	0.007791	0.015582
102	B200210007	BOM	N/A	1	0.021805	0.021805
103	B200210013	BOM	N/A	3	0.020739	0.062217
104	B200220020	BOM	N/A	1	0.002337	0.002337
105	B200220028	BOM	N/A	4	0.002647	0.010588
106	B200230149	BOM	N/A	1	0.052628	0.052628
107	B200230198	BOM	N/A	4	0.055882	0.223528
108	B200230210	BOM	N/A	2	0.048488	0.096976
109	B200230277	BOM	N/A	2	0.039833	0.079666
110	B200230307	BOM	N/A	2	0.035610	0.071220
111	B200230336	BOM	N/A	2	0.024393	0.048786
112	B200230338	BOM	N/A	2	0.027965	0.055930

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113	B200230350	BOM	N/A	4	0.138729	0.554916
114	B200230384	BOM	N/A	2	0.043682	0.087364
115	B200250009	BOM	NMIL	1	0.022234	0.022234
116	B200250016	BOM	NMIL	2	0.022234	0.044468
117	B200260204	BOM	NMIL	1	0.026342	0.026342
118	B200260245	BOM	NMIL	1	0.026342	0.026342
119	B200260246	BOM	NMIL	1	0.026342	0.026342
120	B200260265	BOM	NMIL	1	0.026342	0.026342
121	B200280012	BOM	NMIL	1	0.015958	0.015958
122	B200300219	BOM	NMIL	1	0.003691	0.003691
123	B200300236	BOM	NMIL	1	0.003691	0.003691
124	B200300237	BOM	NMIL	1	0.003691	0.003691
125	B200300265	BOM	NMIL	1	0.025098	0.025098
126	B200310007	BOM	NMIL	1	0.029376	0.029376
127	B210090169	BOM	KNOWNFR	1	2.030495	2.030495
128	B210160046	BOM	N/A	1	0.010000	0.010000
129	B210191655	N/A	STANDARD	1	0.020588	0.020588

Total Failure Rate (F/10⁶Hrs) : 8.238757
Mean Time (in hours) Between Failures (MTBF) : **121,378**