



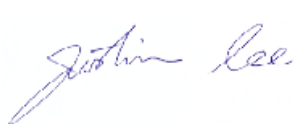
ZIPPY TECHNOLOGY CORP.

Mean Time Between Failures PREDICTION REPORT

MIL-HDBK-217F, Notice 2

Product : Switching Power Supply

Model/Type : E1N-2650K2(RoHS)(PMBus WP1.2)

Approval By		正式 資料 用 章	
Prepared By			

ZIPPY TECHNOLOGY CORP.
6F.,NO.48,WUQUAN RD.,
WUGU DIST.,NEW TAIPEI CITY,TAIWAN,R.O.C.
RELIABILITY PREDICTION STANDARD REPORT
(Sorted by Part Number)
MIL-HDBK-217F, Notice 2

Date : AUG-01-2022 Time : 11:50:28
End Item Title : E1N SERIES MTBF
End Item Part Number : E1N-2650K2(RoHS)(PMBus WP1.2)
E1N-2650K2(RoHS)(PMBus WP1.2) MTBF : 193,254
Module Title : ZIPPY TECHNOLOGY CORP
Module Part Number : E1N / MTBF
Module Reference Designation : E1N
Environmental Condition : GB
Ambient Temperature: 25°C

E1N-2650K2(RoHS)(PMBus WP1.2)

ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
1	B106650004	BOM	SPECIAL	1	0.025310	0.025310
2	B106650006	BOM	SPECIAL	1	0.157806	0.157806
3	B106650012	BOM	SPECIAL	1	1.308423	1.308423
4	B200000207	BOM	NMIL	1	0.004579	0.004579
5	B200000308	BOM	NMIL	1	0.013289	0.013289
6	B200000559	BOM	NMIL	1	0.005483	0.005483
7	B200000687	BOM	NMIL	1	0.007343	0.007343
8	B200010068	BOM	NMIL	1	0.069762	0.069762
9	B200010242	BOM	NMIL	2	0.065527	0.131054
10	B200010254	BOM	NMIL	2	0.065527	0.131054
11	B200010269	BOM	NMIL	3	0.000652	0.001956
12	B200010270	BOM	NMIL	1	0.000652	0.000652
13	B200010307	BOM	NMIL	4	0.072168	0.288672
14	B200020024	BOM	NMIL	1	0.000414	0.000414
15	B200020048	BOM	NMIL	1	0.000755	0.000755
16	B200040073	BOM	NMIL	5	0.011646	0.058230
17	B200040107	BOM	NMIL	1	0.003751	0.003751
18	B200040120	BOM	NMIL	1	0.014427	0.014427
19	B200040158	BOM	NMIL	1	0.015829	0.015829
20	B200040164	BOM	NMIL	2	0.001703	0.003406
21	B200050036	BOM	NMIL	1	0.003013	0.003013
22	B200050081	BOM	NMIL	2	0.003013	0.006026
23	B200050084	BOM	NMIL	1	0.003013	0.003013
24	B200050088	BOM	NMIL	2	0.003013	0.006026

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25	B200060030	BOM	NMIL	1	0.002662	0.002662
26	B200090055	BOM	NMIL	1	0.001476	0.001476
27	B200110021	BOM	NMIL	1	0.002896	0.002896
28	B200110035	BOM	NMIL	1	0.002896	0.002896
29	B200110042	BOM	NMIL	9	0.002210	0.019890
30	B200110120	BOM	NMIL	1	0.002896	0.002896
31	B200110238	BOM	NMIL	3	0.003039	0.009117
32	B200110298	BOM	NMIL	3	0.002896	0.008688
33	B200110313	BOM	NMIL	2	0.002896	0.005792
34	B200110317	BOM	NMIL	2	0.002896	0.005792
35	B200110508	BOM	NMIL	2	0.002210	0.004420
36	B200110512	BOM	NMIL	2	0.002210	0.004420
37	B200110523	BOM	NMIL	2	0.002210	0.004420
38	B200110541	BOM	NMIL	2	0.002210	0.004420
39	B200110695	BOM	NMIL	3	0.003716	0.011148
40	B200110729	BOM	NMIL	1	0.002026	0.002026
41	B200110739	BOM	NMIL	1	0.002026	0.002026
42	B200110775	BOM	NMIL	1	0.002026	0.002026
43	B200110776	BOM	NMIL	1	0.002026	0.002026
44	B200110777	BOM	NMIL	1	0.002026	0.002026
45	B200110779	BOM	NMIL	2	0.002210	0.004420
46	B200110814	BOM	NMIL	1	0.002026	0.002026
47	B200110847	BOM	NMIL	1	0.002026	0.002026
48	B200110848	BOM	NMIL	1	0.002026	0.002026
49	B200110851	BOM	NMIL	1	0.002026	0.002026
50	B200111010	BOM	NMIL	3	0.002896	0.008688
51	B200111055	BOM	NMIL	1	0.002026	0.002026
52	B200120170	BOM	NMIL	1	0.005001	0.005001
53	B200160009	BOM	NMIL	1	0.008611	0.008611
54	B200170015	BOM	NMIL	1	0.003177	0.003177
55	B200170063	BOM	NMIL	3	0.003177	0.009531
56	B200180095	BOM	NMIL	2	0.001907	0.003814
57	B200180118	BOM	NMIL	2	0.001605	0.003210
58	B200190035	BOM	NMIL	1	0.011714	0.011714
59	B200190064	BOM	NMIL	1	0.012538	0.012538
60	B200190072	BOM	NMIL	1	0.010940	0.010940
61	B200200075	BOM	NMIL	1	0.009676	0.009676
62	B200200082	BOM	NMIL	7	0.008395	0.058765
63	B200200104	BOM	NMIL	2	0.004199	0.008398
64	B200200114	BOM	NMIL	1	0.006356	0.006356

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ITEM #	Part Number	Ref Desig	Qual Level	Quant	Individual Failure Rate (F/10 ⁶ Hrs)	Total Failure Rate (F/10 ⁶ Hrs)
65	B200200116	BOM	NMIL	2	0.004199	0.008398
66	B200200121	BOM	NMIL	1	0.006824	0.006824
67	B200200147	BOM	NMIL	2	0.003924	0.007848
68	B200200153	BOM	NMIL	1	0.005166	0.005166
69	B200200204	BOM	NMIL	3	0.007306	0.021918
70	B200200208	BOM	NMIL	1	0.006356	0.006356
71	B200200213	BOM	NMIL	1	0.003924	0.003924
72	B200200230	BOM	NMIL	3	0.007820	0.023460
73	B200220020	BOM	NMIL	1	0.003440	0.003440
74	B200220073	BOM	NMIL	1	0.002605	0.002605
75	B200220082	BOM	NMIL	5	0.001208	0.006040
76	B200230036	BOM	NMIL	1	0.023466	0.023466
77	B200230210	BOM	NMIL	1	0.009001	0.009001
78	B200230288	BOM	NMIL	1	0.001165	0.001165
79	B200230436	BOM	NMIL	1	0.001803	0.001803
80	B200230445	BOM	NMIL	1	0.001978	0.001978
81	B200230465	BOM	NMIL	1	0.021269	0.021269
82	B200230499	BOM	NMIL	1	0.013545	0.013545
83	B200230568	BOM	NMIL	2	0.016811	0.033622
84	B200240020	BOM	NMIL	2	0.003538	0.007076
85	B200250009	BOM	NMIL	1	0.000205	0.000205
86	B200250016	BOM	NMIL	1	0.000245	0.000245
87	B200260266	BOM	NMIL	1	0.000196	0.000196
88	B200260445	BOM	NMIL	1	0.000251	0.000251
89	B200260493	BOM	NMIL	1	0.000251	0.000251
90	B200290015	BOM	NMIL	2	0.011159	0.022318
91	B200300536	BOM	NMIL	1	0.120237	0.120237
92	B200300537	BOM	NMIL	1	0.038592	0.038592
93	B200300538	BOM	NMIL	1	0.007615	0.007615
94	B200310019	BOM	NMIL	1	0.005232	0.005232
95	B210060136	BOM	NMIL	1	0.024396	0.024396
96	B210090280	BOM	SPECIAL	1	2.182912	2.182912
97	B210193430	BOM	NMIL	1	0.026869	0.026869

Total Failure Rate (F/10⁶Hrs) : 5.174528
Mean Time (in hours) Between Failures (MTBF) : 193,254