

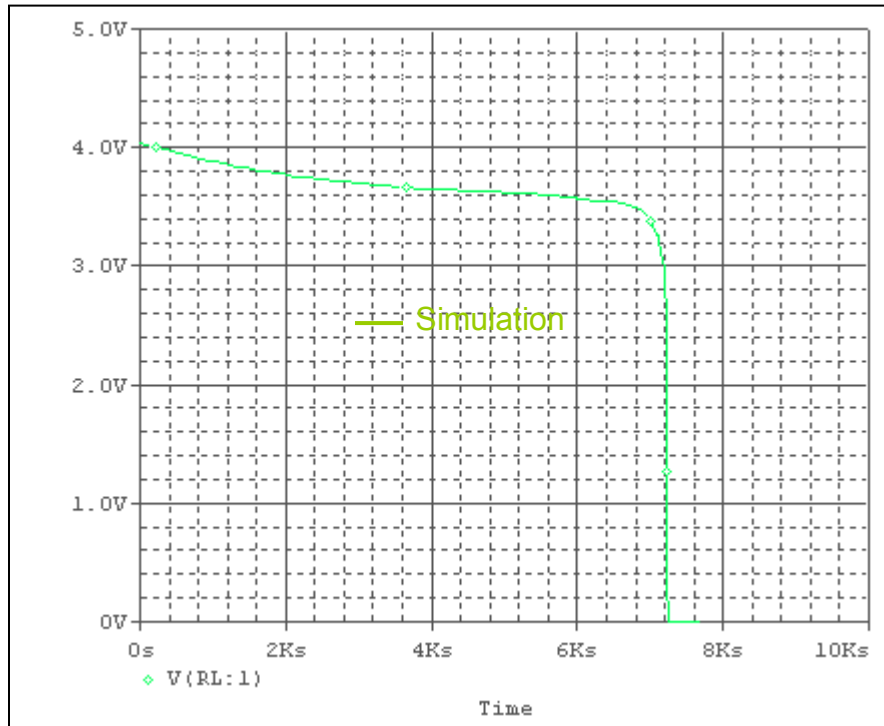
Device Modeling Report

COMPONENTS: Lithium-ion
PART NUMBER:EB-BSD55S
MANUFACTURER: PANASONIC
CONDITION:RL= 10 (Ω)



Bee Technologies Inc.

Simulation result



Comparison Table

Time(ksec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
0.00	4.04218	4.0351	-0.17515
0.01	4.03387	4.0323	-0.03892
0.05	4.02260	4.0268	0.10441
0.10	4.01130	4.0158	0.11218
0.15	4.00299	4.0076	0.11516
0.20	3.99518	3.9996	0.11063
0.25	3.98816	3.9917	0.08876
0.30	3.98130	3.9839	0.06531
0.35	3.97455	3.9761	0.03900
0.40	3.96772	3.9660	-0.04335
0.45	3.96059	3.9585	-0.05277
0.50	3.95370	3.9511	-0.06576
0.55	3.94808	3.9438	-0.10841
0.60	3.94288	3.9365	-0.16181
0.70	3.93250	3.9201	-0.31532
0.80	3.92231	3.9064	-0.40563
0.90	3.90821	3.8932	-0.38406
1.00	3.88875	3.8803	-0.21729
1.10	3.86600	3.8657	-0.00776
1.20	3.84737	3.8537	0.16453
1.30	3.83384	3.8420	0.21284
1.40	3.82310	3.8289	0.15171
1.50	3.81363	3.8181	0.11721
1.60	3.80501	3.8077	-0.07070
1.70	3.79090	3.7961	-0.13717
1.80	3.78420	3.7865	-0.06078
1.90	3.77611	3.7773	-0.03151
2.00	3.76912	3.7678	0.03502
2.10	3.76146	3.7520	0.25150
2.20	3.75352	3.7509	0.06980
2.30	3.74580	3.7433	0.06674
2.40	3.73829	3.7350	0.08801
2.50	3.73116	3.7273	0.10345
2.60	3.72448	3.7220	0.06659
2.70	3.71807	3.7152	0.07719
2.80	3.71168	3.7097	0.05335
2.90	3.70542	3.7047	0.01943
3.00	3.69941	3.7016	-0.05920
3.20	3.68799	3.6860	0.05396
3.40	3.67740	3.6732	0.11421

3.60	3.66232	3.6636	-0.03495
3.80	3.65439	3.6551	-0.01943
4.00	3.64804	3.6486	-0.01535
4.20	3.64301	3.6428	0.00576
4.40	3.63790	3.6376	0.00825
4.60	3.63275	3.6331	-0.00963
4.80	3.62795	3.6280	-0.00138
5.00	3.62274	3.6228	-0.00166
5.20	3.61647	3.6162	0.00747
5.40	3.60909	3.6081	0.02743
5.60	3.59975	3.5989	0.02361
5.80	3.58774	3.5868	0.02620
6.00	3.57208	3.5715	0.01624
6.20	3.55793	3.5539	0.11327
6.40	3.54844	3.5447	0.10540
6.60	3.53405	3.5297	0.12309
6.80	3.49957	3.4961	0.09916
6.90	3.45770	3.4460	0.33838
7.00	3.38314	3.3804	0.08099
7.10	3.26286	3.2612	0.05088
7.20	2.97237	2.8010	5.76543
7.21	2.84276	2.7863	1.98610
7.22	2.68139	2.6755	0.21966
7.23	2.54744	2.5330	0.56684
7.24	0.00000	0.0000	0
7.30	0.00000	0.0000	0
7.50	0.00000	0.0000	0
7.60	0.00000	0.0000	0
7.70	0.00000	0.0000	0
7.71	0.00000	0.0000	0
7.72	0.00000	0.0000	0
7.73	0.00000	0.0000	0
7.74	0.00000	0.0000	0
7.75	0.00000	0.0000	0
7.76	0.00000	0.0000	0
7.77	0.00000	0.0000	0

Comparison Graph

