

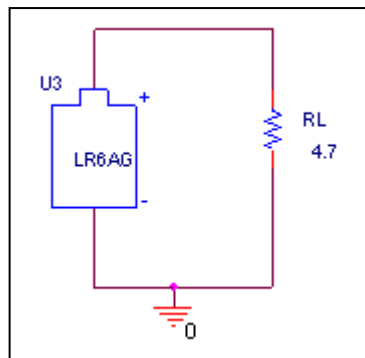
Device Modeling Report

COMPONENTS: Alkaline
PART NUMBER: LR6AG
MANUFACTURER: TOSHIBA
Remark: $RL=4.7(\Omega)$



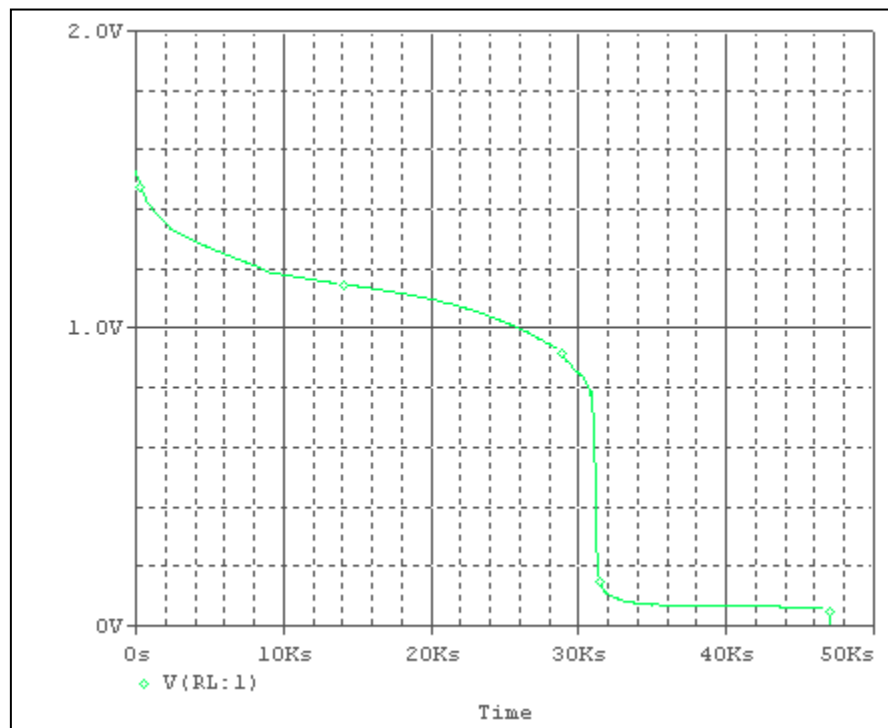
Bee Technologies Inc.

valuation Circuit



Simulation result

— Simulation



Comparison Table

Time (kSec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
0.1	1.546297	1.5339	0.8017
1	1.411097	1.4048	0.4462
2	1.354321	1.3387	1.1534
3	1.316532	1.3159	0.0480
4	1.292609	1.2922	0.0316
5	1.271607	1.2707	0.0713
6	1.250518	1.2492	0.1054
7	1.231027	1.2311	-0.0059
8	1.211142	1.2115	-0.0296
9	1.190327	1.1896	0.0611
10	1.179569	1.1805	-0.0789
11	1.17158	1.1717	-0.0102
12	1.164467	1.1636	0.0745
13	1.157288	1.1561	0.1027
14	1.150196	1.1484	0.1561
15	1.142722	1.1412	0.1332
16	1.134361	1.1338	0.0495
17	1.125792	1.126	-0.0185
18	1.116654	1.1175	-0.0758
19	1.106005	1.1082	-0.1985
20	1.095346	1.0978	-0.2240
21	1.084938	1.0854	-0.0426
22	1.072889	1.0713	0.1481
23	1.058761	1.0559	0.2702
24	1.041973	1.0396	0.2277
25	1.022208	1.0201	0.2062
26	0.9993418	0.9987	0.0642
27	0.9738818	0.973602	0.0287
28	0.9453968	0.944966	0.0456
29	0.9042048	0.902013	0.2424
30	0.8483604	0.846607	0.2067
31	0.6920272	0.694407	-0.3439
32	0.1069123	0.104702	2.0674
33	0.0860038	0.084746	1.4624
34	0.077068	0.075672	1.8114
35	0.072057	0.071857	0.2776
36	0.0690986	0.069012	0.1253
37	0.0675515	0.067108	0.6565

Time (kSec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
38	0.0659756	0.065904	0.1085
39	0.0652043	0.065146	0.0894
40	0.0648494	0.064702	0.2273
41	0.0644213	0.064448	-0.0414
42	0.064308	0.064241	0.1041
43	0.0639964	0.064067	-0.1103
44	0.063922	0.063926	-0.0062
45	0.0638623	0.063819	0.0678
46	0.0637733	0.063746	0.0428
47	0.063669	0.063708	-0.0612

Comparison Graph

