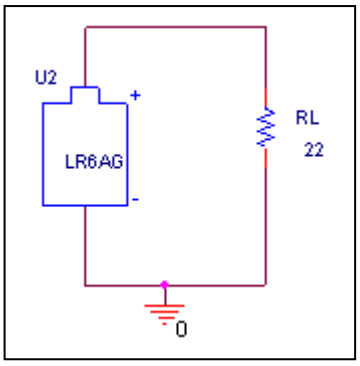
Device Modeling Report

COMPONENTS: Alkaline
PART NUMBER: LR6AG
MANUFACTURER: TOSHIBA
Remark: RL=22(Ω)

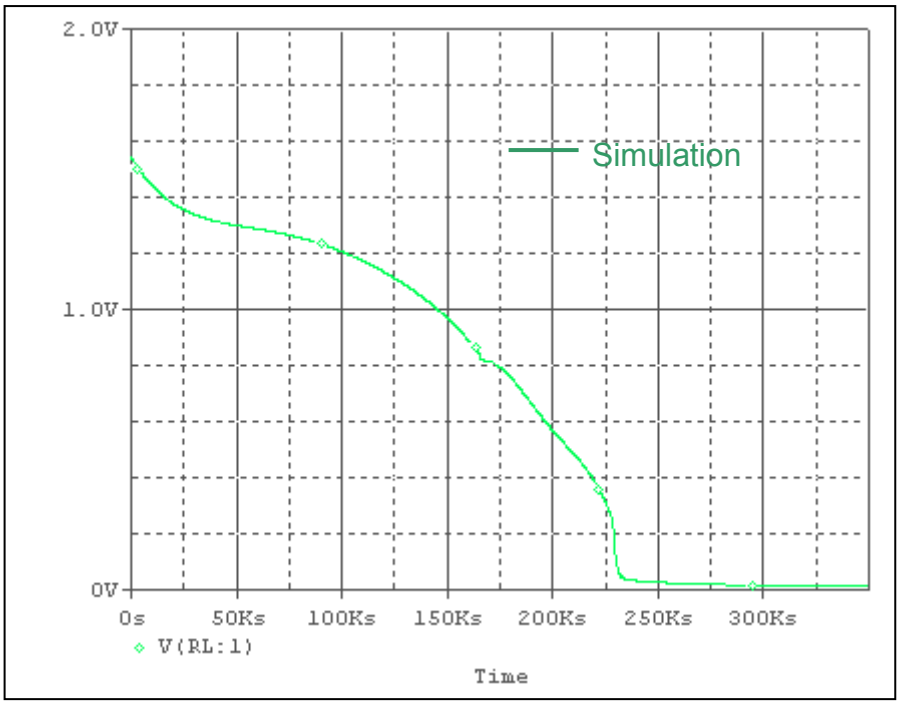
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Evaluation circuit



Simulation result



Comparison Table

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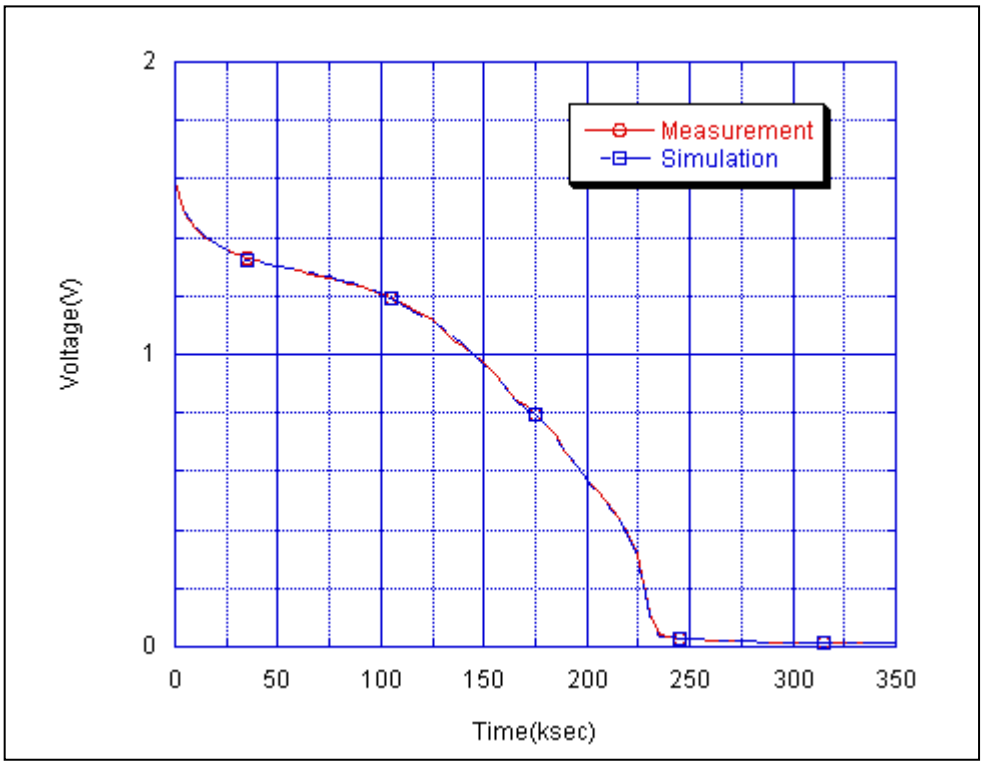
Time (kSec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
0	1.587195	1.5424	2.822
5	1.477537	1.4859	-0.566
10	1.42968	1.4406	-0.764
15	1.399814	1.4048	-0.356
20	1.376931	1.3766	0.024
25	1.358031	1.3548	0.238
30	1.341013	1.338	0.225
35	1.329128	1.3249	0.318
40	1.318928	1.3147	0.321
45	1.309933	1.3064	0.270
50	1.301265	1.2994	0.143
55	1.29286	1.2929	-0.003
60	1.284707	1.2866	-0.147
65	1.276806	1.2799	-0.242
70	1.268992	1.2727	-0.292
75	1.261036	1.2645	-0.275
80	1.252696	1.2553	-0.208
85	1.243153	1.2448	-0.132
90	1.229813	1.2331	-0.267
95	1.218179	1.22	-0.149
100	1.207739	1.2055	0.185
105	1.193238	1.1896	0.305
110	1.176834	1.1722	0.394
115	1.159269	1.1533	0.515
120	1.140128	1.1329	0.634
125	1.114147	1.1108	0.300
130	1.081601	1.0869	-0.490
135	1.05168	1.061	-0.886
140	1.027209	1.0329	-0.554
145	1.000988	1.0021	-0.111
150	0.970825	0.9683	0.260
155	0.9356841	0.931	0.501
160	0.8915943	0.8895	0.235
165	0.8403004	0.8432	-0.345
170	0.8278247	0.8159	1.440
175	0.7947233	0.7921	0.330
180	0.7591911	0.7577	0.196
185	0.7235031	0.7123	1.548
Time (kSec)	**Vdc(V)**	**Vdc(V)**	**%Error**

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	Measurement	Simulation	
190	0.6672247	0.6628	0.663
195	0.6176078	0.6139	0.600
200	0.569351	0.568	0.237
205	0.533617	0.5252	1.577
210	0.4906156	0.4836	1.430
215	0.4457487	0.4388	1.559
220	0.390951	0.3844	1.676
225	0.3147649	0.3118	0.942
230	0.1139475	0.1074	5.746
235	0.0381798	0.035582	6.804
240	0.0318665	0.032223	-1.119
245	0.0286828	0.029321	-2.225
250	0.0267596	0.026828	-0.256
255	0.0253832	0.024702	2.684
260	0.0237624	0.022899	3.633
265	0.022002	0.02138	2.827
270	0.0207396	0.020107	3.050
275	0.0195106	0.019046	2.381
280	0.0182335	0.018162	0.392
285	0.0169768	0.017427	-2.652
290	0.0169034	0.016811	0.547
295	0.0166435	0.016289	2.130
300	0.016316	0.015837	2.936
305	0.0161054	0.015435	4.163
310	0.0155593	0.015065	3.177
315	0.0152438	0.014708	3.515
320	0.0148153	0.01435	3.140
325	0.0144186	0.013987	2.993
330	0.0141523	0.013601	3.896
335	0.0136159	0.013186	3.157
340	0.0133488	0.012742	4.546
345	0.0129367	0.012264	5.200
350	0.0123548	0.011754	4.863

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Comparison Graph



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