

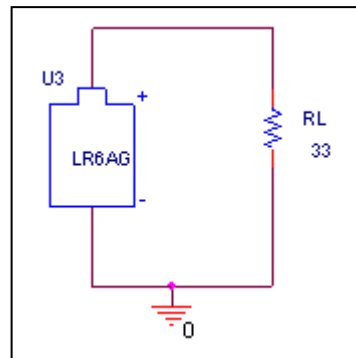
Device Modeling Report

COMPONENTS: Alkaline
PART NUMBER: LR6AG
MANUFACTURER: TOSHIBA
Remark: $RL=33(\Omega)$

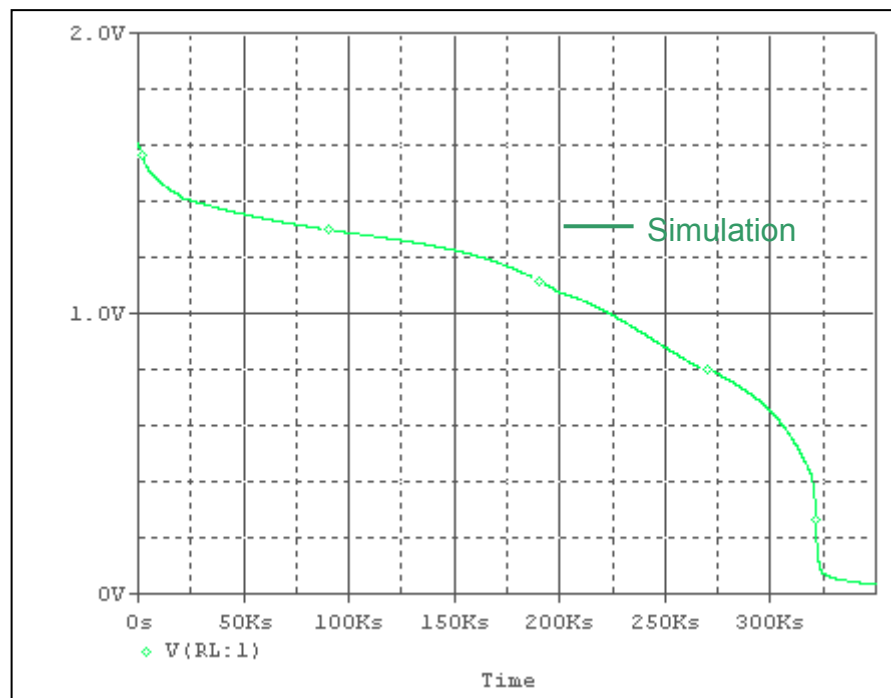


Bee Technologies Inc.

Evaluation circuit



Simulation result



Comparison Table

Time (kSec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
0	1.608437	1.604	0.276
5	1.511616	1.511	0.041
10	1.470074	1.4705	-0.029
15	1.441981	1.4419	0.006
20	1.420039	1.4146	0.383
25	1.404268	1.4024	0.133
30	1.390983	1.3918	-0.059
35	1.380061	1.3816	-0.112
40	1.369325	1.3719	-0.188
45	1.35965	1.3626	-0.217
50	1.351464	1.3538	-0.173
55	1.344241	1.3455	-0.094
60	1.337478	1.3376	-0.009
65	1.330945	1.3302	0.056
70	1.324597	1.3232	0.105
75	1.318534	1.3165	0.154
80	1.312866	1.3102	0.203
85	1.307153	1.3042	0.226
90	1.29924	1.2984	0.065
95	1.293451	1.2929	0.043
100	1.289435	1.2875	0.150
105	1.283284	1.2822	0.084
110	1.276631	1.2769	-0.021
115	1.269791	1.2715	-0.135
120	1.264921	1.2661	-0.093
125	1.259317	1.2604	-0.086
130	1.253079	1.2544	-0.105
135	1.246305	1.2479	-0.128
140	1.239082	1.241	-0.155
145	1.231356	1.2334	-0.166
150	1.223224	1.2251	-0.153
155	1.214633	1.216	-0.113
160	1.205386	1.2059	-0.043
165	1.195405	1.1947	0.059
170	1.186366	1.1823	0.343
175	1.171493	1.1684	0.264
180	1.15592	1.153	0.253
185	1.138465	1.1359	0.225

Time (kSec)	Vdc(V) Measurement	Vdc(V) Simulation	%Error
190	1.115515	1.117	-0.133
195	1.092216	1.096	-0.346
200	1.073458	1.0733	0.015
205	1.06177	1.0662	-0.417
210	1.046941	1.0483	-0.130
215	1.03151	1.032	-0.048
220	1.014788	1.0136	0.117
225	0.9957733	0.993455	0.233
230	0.9741141	0.97194	0.223
235	0.947682	0.949379	-0.179
240	0.9207302	0.926115	-0.585
245	0.898316	0.902491	-0.465
250	0.8784017	0.87885	-0.051
255	0.8594102	0.855535	0.451
260	0.8366529	0.832889	0.450
265	0.8079444	0.811231	-0.407
270	0.7924349	0.792318	0.015
275	0.7821216	0.784649	-0.323
280	0.7623322	0.762548	-0.028
285	0.7324454	0.740187	-1.057
290	0.7124073	0.715306	-0.407
295	0.6827605	0.686261	-0.513
300	0.6453289	0.651192	-0.909
305	0.6009048	0.608439	-1.254
310	0.5511081	0.555765	-0.845
315	0.4953854	0.4915	0.784
320	0.3921917	0.399191	-1.785
321	0.3305067	0.327707	0.847
322	0.1814642	0.181736	-0.150
323	0.1136033	0.108	4.932
324	0.0873635	0.081228	7.023
325	0.0748009	0.072677	2.839
326	0.0684915	0.068697	-0.300
327	0.0643269	0.064645	-0.494
328	0.0609434	0.061139	-0.321
329	0.058188	0.058097	0.156
330	0.0557568	0.05556	0.353
335	0.047927	0.047976	-0.102
340	0.0422646	0.041961	0.718
345	0.0389694	0.036699	5.826
350	0.0364096	0.032098	11.842

Comparison Graph

