

Run A0.25-0.5

Input Signal

Time (s)	Current (μA)
0	0
0.5	0.000437
1	0.010821
1.5	0.044133
2	0.081652
2.5	0.110001
3	0.130424
3.5	0.143399
4	0.146187
4.5	0.13952
5	0.126958
5.5	0.111767
6	0.096858
6.5	0.083178
7	0.071545
7.5	0.061811
8	0.054021
8.5	0.047504
9	0.041939
9.5	0.037292
10	0.033261
10.5	0.029772
11	0.026588
11.5	0.023695
12	0.021177
12.5	0.01909
13	0.01711
13.5	0.015212
14	0.013456
14.5	0.011836
15	0.010357
15.5	0.00915
16	0.008003
16.5	0.007016
17	0.00617
17.5	0.005367
18	0.004639
18.5	0.004024
19	0.003495
19.5	0.003062
20	0.002693
20.5	0.002296
21	0.001952
21.5	0.001707
22	0.001504
22.5	0.001306
23	0.00113
23.5	0.001008
24	0.000898
24.5	0.00077
25	0.00069
25.5	0.000604
26	0.000498
26.5	0

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
6	0	33	0.012591	60	0.000743
6.5	0.000113	33.5	0.011824	60.5	0.000739
7	0.000339	34	0.011058	61	0.0007
7.5	0.001376	34.5	0.010439	61.5	0.000675
8	0.003642	35	0.009741	62	0.00067
8.5	0.007035	35.5	0.009146	62.5	0.000652
9	0.010982	36	0.008612	63	0.000637
9.5	0.015421	36.5	0.008066	63.5	0.000606
10	0.020011	37	0.00763	64	0.000581
10.5	0.024433	37.5	0.007128	64.5	0.000574
11	0.028454	38	0.006661	65	0.000553
11.5	0.031874	38.5	0.006266	65.5	0.000539
12	0.034526	39	0.005884	66	0.000528
12.5	0.036809	39.5	0.005505	66.5	0.000509
13	0.038762	40	0.005133	67	0.000486
13.5	0.040332	40.5	0.004793	67.5	0.000488
14	0.041564	41	0.004528	68	0.000468
14.5	0.042447	41.5	0.004293	68.5	0.00047
15	0.042914	42	0.004047	69	0.000436
15.5	0.043217	42.5	0.003807	69.5	0.000433
16	0.043327	43	0.003569	70	0.00041
16.5	0.043275	43.5	0.003332	70.5	0.000416
17	0.04323	44	0.003142	71	0
17.5	0.043001	44.5	0.002932		
18	0.042589	45	0.002771		
18.5	0.041888	45.5	0.002635		
19	0.041189	46	0.002497		
19.5	0.04053	46.5	0.002358		
20	0.039949	47	0.002221		
20.5	0.039061	47.5	0.002124		
21	0.037867	48	0.002019		
21.5	0.036734	48.5	0.001926		
22	0.035785	49	0.001806		
22.5	0.034926	49.5	0.001687		
23	0.0338	50	0.001621		
23.5	0.032678	50.5	0.001576		
24	0.031535	51	0.001492		
24.5	0.030236	51.5	0.001428		
25	0.028982	52	0.001367		
25.5	0.027773	52.5	0.001307		
26	0.026475	53	0.001237		
26.5	0.02532	53.5	0.001193		
27	0.024189	54	0.001144		
27.5	0.023096	54.5	0.001089		
28	0.021957	55	0.001051		
28.5	0.020914	55.5	0.001033		
29	0.019888	56	0.000987		
29.5	0.018891	56.5	0.000963		
30	0.017893	57	0.00091		
30.5	0.016738	57.5	0.00088		
31	0.015725	58	0.000843		
31.5	0.014939	58.5	0.000823		
32	0.014156	59	0.000779		
32.5	0.013349	59.5	0.000774		

Run A0.25-0.75

Input Signal	
Time (s)	Current (μA)
0	0
0.5	0.037656
1	0.11205
1.5	0.16667
2	0.191327
2.5	0.184131
3	0.1559
3.5	0.122656
4	0.093029
4.5	0.070515
5	0.054065
5.5	0.041818
6	0.033467
6.5	0.027566
7	0.022634
7.5	0.01856
8	0.015333
8.5	0.012738
9	0.010663
9.5	0.008847
10	0.007353
10.5	0.006097
11	0.005113
11.5	0.004166
12	0.003417
12.5	0.002895
13	0.002433
13.5	0.001998
14	0.001645
14.5	0.001391
15	0.001177
15.5	0.001007
16	0.000894
16.5	0.00078
17	0.000699
17.5	0.000658
18	0.000531
18.5	0.00048
19	0.000487
19.5	0.000431
20	0.000405
20.5	0.000356
21	0.000343
21.5	0.000323
22	0.000313
22.5	0.000298
23	0.000284
23.5	0.000275
24	0.000222

Output Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
3.5	0	28.5	0.003743
4	0.00009	29	0.003426
4.5	0.001383	29.5	0.003156
5	0.005896	30	0.002921
5.5	0.01299	30.5	0.002692
6	0.02135	31	0.002512
6.5	0.030133	31.5	0.002364
7	0.037311	32	0.0022
7.5	0.042219	32.5	0.002061
8	0.044853	33	0.001947
8.5	0.046731	33.5	0.001831
9	0.048011	34	0.001715
9.5	0.048774	34.5	0.001633
10	0.048882	35	0.001569
10.5	0.048537	35.5	0.00149
11	0.048409	36	0.001418
11.5	0.047839	36.5	0.001367
12	0.04664	37	0.001289
12.5	0.045645	37.5	0.001259
13	0.044444	38	0.001208
13.5	0.04299	38.5	0.001144
14	0.041198	39	0.001104
14.5	0.03934	39.5	0.001062
15	0.037417	40	0.001023
15.5	0.035469	40.5	0.001005
16	0.033586	41	0.00095
16.5	0.031536	41.5	0.000921
17	0.029459	42	0.000896
17.5	0.027426	42.5	0.000858
18	0.025374	43	0.000826
18.5	0.023435	43.5	0.000806
19	0.021659	44	0.000774
19.5	0.019913	44.5	0.000757
20	0.018278	45	0.000731
20.5	0.016707	45.5	0.000699
21	0.015275	46	0.000685
21.5	0.013934	46.5	0.000646
22	0.012693	47	0.000645
22.5	0.01156	47.5	0.000632
23	0.010503	48	0.000601
23.5	0.009542	48.5	0.000594
24	0.008634	49	0.000571
24.5	0.007825	49.5	0.000542
25	0.007131	50	0.000531
25.5	0.006505	50.5	0.000525
26	0.0059	51	0.000499
26.5	0.005358	51.5	0.000495
27	0.004877	52	0
27.5	0.004448		

Run A0.25-1.0

Input Signal

Time (s)	Current (μA)
0	0
0.25	0.025101
0.5	0.061997
0.75	0.102428
1	0.140901
1.25	0.169229
1.5	0.182936
1.75	0.182439
2	0.170132
2.25	0.150825
2.5	0.12924
2.75	0.109038
3	0.091716
3.25	0.07718
3.5	0.065008
3.75	0.055274
4	0.047578
4.25	0.041423
4.5	0.036187
4.75	0.031671
5	0.027703
5.25	0.024181
5.5	0.021066
5.75	0.018322
6	0.015957
6.25	0.013755
6.5	0.011773
6.75	0.009977
7	0.008305
7.25	0.006812
7.5	0.005554
7.75	0.004375
8	0.003251
8.25	0.002282
8.5	0.001428
8.75	0.000709
9	0

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
2.75	0	16.25	0.007304	29.75	0.000699
3	0.001627	16.5	0.006804	30	0.000662
3.25	0.006076	16.75	0.006353	30.25	0.000637
3.5	0.014001	17	0.005824	30.5	0.00065
3.75	0.024124	17.25	0.005485	30.75	0
4	0.035753	17.5	0.005111		
4.25	0.048093	17.75	0.00481		
4.5	0.05979	18	0.004492		
4.75	0.069167	18.25	0.004212		
5	0.075532	18.5	0.003909		
5.25	0.078512	18.75	0.00368		
5.5	0.078811	19	0.003451		
5.75	0.077466	19.25	0.00323		
6	0.075466	19.5	0.003056		
6.25	0.07293	19.75	0.002871		
6.5	0.07039	20	0.002698		
6.75	0.067948	20.25	0.002539		
7	0.065215	20.5	0.002415		
7.25	0.062321	20.75	0.002273		
7.5	0.059893	21	0.002174		
7.75	0.057708	21.25	0.002075		
8	0.055438	21.5	0.001982		
8.25	0.05301	21.75	0.001867		
8.5	0.050574	22	0.001788		
8.75	0.048297	22.25	0.001726		
9	0.046208	22.5	0.001663		
9.25	0.04407	22.75	0.00161		
9.5	0.041921	23	0.001521		
9.75	0.039861	23.25	0.001472		
10	0.037747	23.5	0.001408		
10.25	0.035637	23.75	0.001372		
10.5	0.033641	24	0.001313		
10.75	0.031806	24.25	0.001257		
11	0.030103	24.5	0.001222		
11.25	0.028455	24.75	0.001187		
11.5	0.026783	25	0.001137		
11.75	0.025168	25.25	0.001118		
12	0.023644	25.5	0.00107		
12.25	0.022187	25.75	0.001059		
12.5	0.020827	26	0.001013		
12.75	0.019463	26.25	0.000986		
13	0.018237	26.5	0.000959		
13.25	0.017073	26.75	0.000908		
13.5	0.015973	27	0.000885		
13.75	0.014903	27.25	0.000881		
14	0.013895	27.5	0.000859		
14.25	0.012956	27.75	0.000825		
14.5	0.012097	28	0.000815		
14.75	0.011262	28.25	0.000794		
15	0.010467	28.5	0.000762		
15.25	0.009776	28.75	0.00076		
15.5	0.00908	29	0.000737		
15.75	0.008453	29.25	0.00072		
16	0.007867	29.5	0.000721		

Run A0.25-1.5

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.006117
0.1	0.006621	5.5	0.005676
0.2	0.020313	5.6	0.005215
0.3	0.039224	5.7	0.00485
0.4	0.060317	5.8	0.004402
0.5	0.083338	5.9	0.004018
0.6	0.107503	6	0.00369
0.7	0.131781	6.1	0.00333
0.8	0.153983	6.2	0.003005
0.9	0.171584	6.3	0.002836
1	0.183552	6.4	0.002594
1.1	0.190484	6.5	0.002413
1.2	0.192791	6.6	0.002271
1.3	0.191022	6.7	0.002075
1.4	0.186001	6.8	0.00193
1.5	0.178539	6.9	0.001792
1.6	0.169286	7	0.001525
1.7	0.15869	7.1	0.001361
1.8	0.147569	7.2	0.001187
1.9	0.136488	7.3	0.001048
2	0.125428	7.4	0.000968
2.1	0.114946	7.5	0.000845
2.2	0.105017	7.6	0.00076
2.3	0.09549	7.7	0.000721
2.4	0.08676	7.8	0.000624
2.5	0.078801	7.9	0.000581
2.6	0.071423	8	0.000538
2.7	0.06483	8.1	0.000402
2.8	0.058921	8.2	0.000392
2.9	0.053536	8.3	0.000313
3	0.048636	8.4	0.000211
3.1	0.044193	8.5	0.000244
3.2	0.040298	8.6	0.000182
3.3	0.036766	8.7	0.000171
3.4	0.033598	8.8	0.000155
3.5	0.030821	8.9	0
3.6	0.028298		
3.7	0.025866		
3.8	0.023781		
3.9	0.021842		
4	0.019951		
4.1	0.018315		
4.2	0.016715		
4.3	0.01534		
4.4	0.014073		
4.5	0.012927		
4.6	0.011907		
4.7	0.010974		
4.8	0.010119		
4.9	0.009319		
5	0.008583		
5.1	0.007858		
5.2	0.007254		
5.3	0.006641		

Output Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
1.8	0	7.2	0.040769	12.6	0.00302
1.9	0.000307	7.3	0.038976	12.7	0.002846
2	0.000999	7.4	0.037186	12.8	0.002764
2.1	0.00237	7.5	0.035548	12.9	0.002662
2.2	0.004697	7.6	0.033948	13	0.002516
2.3	0.008135	7.7	0.03251	13.1	0.002421
2.4	0.01272	7.8	0.031164	13.2	0.0023
2.5	0.018398	7.9	0.029801	13.3	0.00222
2.6	0.024959	8	0.028532	13.4	0.002125
2.7	0.032197	8.1	0.027196	13.5	0.002047
2.8	0.039756	8.2	0.02592	13.6	0.001964
2.9	0.047208	8.3	0.024737	13.7	0.001903
3	0.054571	8.4	0.023511	13.8	0.00182
3.1	0.061573	8.5	0.022434	13.9	0.001775
3.2	0.067817	8.6	0.021449	14	0.0017
3.3	0.073162	8.7	0.020473	14.1	0.001644
3.4	0.07763	8.8	0.019579	14.2	0.001607
3.5	0.081194	8.9	0.018488	14.3	0.001511
3.6	0.083943	9	0.017428	14.4	0.001468
3.7	0.085934	9.1	0.016494	14.5	0.001436
3.8	0.087313	9.2	0.015692	14.6	0.001361
3.9	0.088218	9.3	0.014925	14.7	0.001308
4	0.088522	9.4	0.014213	14.8	0.001287
4.1	0.088537	9.5	0.01352	14.9	0.001227
4.2	0.088243	9.6	0.012927	15	0.001185
4.3	0.087646	9.7	0.012341	15.1	0.001141
4.4	0.086867	9.8	0.011744	15.2	0.00112
4.5	0.08602	9.9	0.011143	15.3	0.001083
4.6	0.084911	10	0.010528	15.4	0.001068
4.7	0.0839	10.1	0.009943	15.5	0.001039
4.8	0.082657	10.2	0.009369	15.6	0.001005
4.9	0.081408	10.3	0.00891	15.7	0.000999
5	0.080117	10.4	0.00845	15.8	0.000957
5.1	0.078596	10.5	0.008027	15.9	0.000942
5.2	0.077138	10.6	0.007664	16	0.000886
5.3	0.075561	10.7	0.007271	16.1	0.000861
5.4	0.073724	10.8	0.00694	16.2	0.00085
5.5	0.072168	10.9	0.006645	16.3	0.000819
5.6	0.070492	11	0.006337	16.4	0.000803
5.7	0.068863	11.1	0.006004	16.5	0.000767
5.8	0.067119	11.2	0.005758	16.6	0.000758
5.9	0.06532	11.3	0.005467	16.7	0.000756
6	0.063132	11.4	0.005204	16.8	0.000742
6.1	0.060859	11.5	0.004972	16.9	0.000708
6.2	0.058807	11.6	0.004732	17	0.000708
6.3	0.056822	11.7	0.004579	17.1	0.000693
6.4	0.055015	11.8	0.004334	17.2	0.000683
6.5	0.053321	11.9	0.004085	17.3	0.000641
6.6	0.051723	12	0.003881	17.4	0.000634
6.7	0.050028	12.1	0.003689	17.5	0.000659
6.8	0.048332	12.2	0.003518		
6.9	0.046671	12.3	0.00339		
7	0.044787	12.4	0.003261		
7.1	0.042715	12.5	0.003124		

Output Signal (continued)

Time (s)	Current (μA)	Time (s)	Current (μA)
17.6	0.000646	22.6	0.000249
17.7	0.000626	22.7	0.000249
17.8	0.000597	22.8	0.000237
17.9	0.000555	22.9	0.000275
18	0.000573	23	0.000239
18.1	0.000533	23.1	0.000243
18.2	0.000555	23.2	0.000252
18.3	0.000551	23.3	0.000232
18.4	0.000543	23.4	0.000254
18.5	0.000571	23.5	0.00022
18.6	0.000518	23.6	0.000218
18.7	0.00049	23.7	0.000236
18.8	0.000498	23.8	0.00021
18.9	0.00048	23.9	0.000207
19	0.000467	24	0.000214
19.1	0.000444	24.1	0.000208
19.2	0.000445	24.2	0.000208
19.3	0.000464	24.3	0.000214
19.4	0.000452	24.4	0.000207
19.5	0.000423	24.5	0.000208
19.6	0.000448	24.6	0.000205
19.7	0.000439	24.7	0.000201
19.8	0.000397	24.8	0.00022
19.9	0.000411	24.9	0.000191
20	0.000397	25	0.000197
20.1	0.000395	25.1	0.000181
20.2	0.000391	25.2	0.000225
20.3	0.000361	25.3	0.000203
20.4	0.000389	25.4	0.000214
20.5	0.000365	25.5	0.000199
20.6	0.000333	25.6	0.000194
20.7	0.000338	25.7	0.00021
20.8	0.000326	25.8	0.000214
20.9	0.000308	25.9	0.000219
21	0.00031	26	0.000176
21.1	0.000281	26.1	0.000194
21.2	0.000317	26.2	0.000183
21.3	0.00031	26.3	0
21.4	0.000303		
21.5	0.0003		
21.6	0.000307		
21.7	0.000281		
21.8	0.000299		
21.9	0.000297		
22	0.000253		
22.1	0.000275		
22.2	0.000279		
22.3	0.000275		
22.4	0.000291		
22.5	0.000269		

Run A0.25-2.0

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.005728
0.1	0.000767	5.5	0.005386
0.2	0.003426	5.6	0.005083
0.3	0.014266	5.7	0.004862
0.4	0.034696	5.8	0.004611
0.5	0.06226	5.9	0.004391
0.6	0.091822	6	0.004222
0.7	0.120483	6.1	0.004082
0.8	0.146436	6.2	0.003929
0.9	0.167912	6.3	0.003757
1	0.183128	6.4	0.003558
1.1	0.190923	6.5	0.003367
1.2	0.192148	6.6	0.003233
1.3	0.188784	6.7	0.00314
1.4	0.181693	6.8	0.003021
1.5	0.172248	6.9	0.002975
1.6	0.161237	7	0.002886
1.7	0.149315	7.1	0.002767
1.8	0.136939	7.2	0.002696
1.9	0.124681	7.3	0.002607
2	0.112928	7.4	0.002559
2.1	0.102118	7.5	0.002472
2.2	0.092304	7.6	0.002455
2.3	0.083445	7.7	0.002402
2.4	0.075428	7.8	0.002374
2.5	0.068165	7.9	0.002303
2.6	0.061526	8	0.002277
2.7	0.055523	8.1	0.002242
2.8	0.050135	8.2	0.002241
2.9	0.045287	8.3	0.002209
3	0.040922	8.4	0.002162
3.1	0.03708	8.5	0.002126
3.2	0.033588	8.6	0.00205
3.3	0.030365	8.7	0.001972
3.4	0.027531	8.8	0.001973
3.5	0.024995	8.9	0
3.6	0.022739		
3.7	0.020668		
3.8	0.018827		
3.9	0.017207		
4	0.015743		
4.1	0.014424		
4.2	0.013218		
4.3	0.012157		
4.4	0.011235		
4.5	0.01041		
4.6	0.00969		
4.7	0.009022		
4.8	0.008416		
4.9	0.007887		
5	0.007357		
5.1	0.006916		
5.2	0.006472		
5.3	0.00612		

Output Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
1.5	0	6.9	0.026233	12.3	0.001387
1.6	0.0009	7	0.024825	12.4	0.001338
1.7	0.001455	7.1	0.023364	12.5	0.001318
1.8	0.002884	7.2	0.021977	12.6	0.001317
1.9	0.005618	7.3	0.020612	12.7	0.001275
2	0.010165	7.4	0.019366	12.8	0.001235
2.1	0.01654	7.5	0.018177	12.9	0.001213
2.2	0.024489	7.6	0.017132	13	0.0012
2.3	0.033505	7.7	0.016092	13.1	0.001168
2.4	0.043045	7.8	0.015072	13.2	0.001131
2.5	0.052729	7.9	0.014131	13.3	0.001105
2.6	0.061963	8	0.013236	13.4	0.001101
2.7	0.07017	8.1	0.012459	13.5	0
2.8	0.077267	8.2	0.011739		
2.9	0.082896	8.3	0.011067		
3	0.086993	8.4	0.010404		
3.1	0.089748	8.5	0.009723		
3.2	0.091381	8.6	0.0091		
3.3	0.092184	8.7	0.008509		
3.4	0.092332	8.8	0.007917		
3.5	0.091993	8.9	0.007426		
3.6	0.091428	9	0.006984		
3.7	0.090655	9.1	0.006564		
3.8	0.089508	9.2	0.00617		
3.9	0.088243	9.3	0.005817		
4	0.086766	9.4	0.005501		
4.1	0.08521	9.5	0.005154		
4.2	0.083342	9.6	0.004853		
4.3	0.081474	9.7	0.004534		
4.4	0.0794	9.8	0.004278		
4.5	0.077378	9.9	0.004006		
4.6	0.075424	10	0.003783		
4.7	0.073447	10.1	0.00355		
4.8	0.071508	10.2	0.003342		
4.9	0.069476	10.3	0.003168		
5	0.06721	10.4	0.002991		
5.1	0.064702	10.5	0.002856		
5.2	0.062319	10.6	0.002703		
5.3	0.060046	10.7	0.002562		
5.4	0.057687	10.8	0.002466		
5.5	0.055129	10.9	0.002305		
5.6	0.052464	11	0.002193		
5.7	0.049895	11.1	0.002126		
5.8	0.047559	11.2	0.002026		
5.9	0.045424	11.3	0.001927		
6	0.04343	11.4	0.001862		
6.1	0.041557	11.5	0.001778		
6.2	0.039649	11.6	0.001721		
6.3	0.037582	11.7	0.001664		
6.4	0.035404	11.8	0.001633		
6.5	0.033308	11.9	0.001571		
6.6	0.031277	12	0.00151		
6.7	0.029456	12.1	0.001482		
6.8	0.027769	12.2	0.001421		

Run A0.5-0.5

Input Signal

Time (s)	Current (μA)
0	0
0.5	0.001176
1	0.001544
1.5	0.011394
2	0.051357
2.5	0.093573
3	0.131418
3.5	0.161581
4	0.182541
4.5	0.192792
5	0.193309
5.5	0.187775
6	0.176935
6.5	0.164023
7	0.149919
7.5	0.13607
8	0.123875
8.5	0.112717
9	0.102934
9.5	0.093317
10	0.08476
10.5	0.076984
11	0.069527
11.5	0.062819
12	0.057448
12.5	0.052252
13	0.046451
13.5	0.041144
14	0.037029
14.5	0.033037
15	0.02977
15.5	0.026497
16	0.023468
16.5	0.020538
17	0.0179
17.5	0.015602
18	0.013756
18.5	0.012189
19	0.010896
19.5	0.009415
20	0.008331
20.5	0.00715
21	0.006396
21.5	0.005656
22	0.005083
22.5	0.004604
23	0.00453
23.5	0.004181
24	0.003416
24.5	0.003131
25	0.002789
25.5	0

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
10.5	0	36.5	0.019002	62.5	0.001102
11	0.000305	37	0.01787	63	0.001076
11.5	0.001031	37.5	0.016927	63.5	0.001038
12	0.002988	38	0.016216	64	0.00101
12.5	0.005721	38.5	0.015291	64.5	0.000926
13	0.00938	39	0.014326	65	0.000865
13.5	0.013449	39.5	0.013512	65.5	0.001004
14	0.017705	40	0.012621	66	0.000841
14.5	0.021936	40.5	0.012097	66.5	0
15	0.026152	41	0.011336		
15.5	0.030214	41.5	0.010233		
16	0.034077	42	0.009416		
16.5	0.037553	42.5	0.009375		
17	0.040628	43	0.008826		
17.5	0.043237	43.5	0.008356		
18	0.045781	44	0.007533		
18.5	0.048039	44.5	0.00703		
19	0.050072	45	0.006546		
19.5	0.051785	45.5	0.006233		
20	0.053242	46	0.00589		
20.5	0.054187	46.5	0.005809		
21	0.05481	47	0.005487		
21.5	0.055336	47.5	0.005183		
22	0.055722	48	0.004619		
22.5	0.055499	48.5	0.004138		
23	0.055147	49	0.003886		
23.5	0.054651	49.5	0.003732		
24	0.053656	50	0.003464		
24.5	0.053365	50.5	0.003117		
25	0.051857	51	0.003033		
25.5	0.050874	51.5	0.002872		
26	0.049695	52	0.00278		
26.5	0.048384	52.5	0.002534		
27	0.047301	53	0.002458		
27.5	0.045633	53.5	0.002518		
28	0.043852	54	0.00228		
28.5	0.042587	54.5	0.002072		
29	0.040919	55	0.002068		
29.5	0.039313	55.5	0.001949		
30	0.037347	56	0.001814		
30.5	0.03576	56.5	0.001764		
31	0.034177	57	0.001666		
31.5	0.032817	57.5	0.001532		
32	0.030954	58	0.00164		
32.5	0.029095	58.5	0.001526		
33	0.027811	59	0.001355		
33.5	0.026756	59.5	0.001433		
34	0.025691	60	0.001196		
34.5	0.024432	60.5	0.001218		
35	0.023221	61	0.001204		
35.5	0.021953	61.5	0.00126		
36	0.020172	62	0.001068		

Run A0.5-0.75

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	13	0.005435
0.25	0.002347	13.25	0.004874
0.5	0.011176	13.5	0.004578
0.75	0.030463	13.75	0.004288
1	0.058466	14	0.003894
1.25	0.091336	14.25	0.003552
1.5	0.131384	14.5	0.003403
1.75	0.154593	14.75	0.003049
2	0.172284	15	0.002789
2.25	0.185379	15.25	0.002682
2.5	0.189322	15.5	0.002731
2.75	0.188052	15.75	0.002737
3	0.182904	16	0.00242
3.25	0.173785	16.25	0.002356
3.5	0.164319	16.5	0.002151
3.75	0.152078	16.75	0.001764
4	0.139923	17	0
4.25	0.128619		
4.5	0.118332		
4.75	0.109952		
5	0.101031		
5.25	0.093161		
5.5	0.085995		
5.75	0.079541		
6	0.073126		
6.25	0.067419		
6.5	0.061749		
6.75	0.056866		
7	0.051962		
7.25	0.04794		
7.5	0.043979		
7.75	0.04017		
8	0.036432		
8.25	0.03338		
8.5	0.030588		
8.75	0.027805		
9	0.025027		
9.25	0.022656		
9.5	0.020694		
9.75	0.018976		
10	0.016983		
10.25	0.015564		
10.5	0.013965		
10.75	0.012875		
11	0.011819		
11.25	0.010852		
11.5	0.010046		
11.75	0.009024		
12	0.008069		
12.25	0.007242		
12.5	0.006519		
12.75	0.006137		

Output Signal				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
4.5	0	17.5	0.04855	30.5	0.006384	43.5	0.001224
4.75	0.000266	17.75	0.047546	30.75	0.006232	43.75	0.000967
5	0.000281	18	0.046326	31	0.005887	44	0.000977
5.25	0.000137	18.25	0.045056	31.25	0.005466	44.25	0.00098
5.5	0.000116	18.5	0.04393	31.5	0.005347	44.5	0.00119
5.75	0.000415	18.75	0.042569	31.75	0.005338	44.75	0.000851
6	0.00072	19	0.040802	32	0.004807	45	0.001089
6.25	0.000797	19.25	0.039914	32.25	0.004755	45.25	0.000891
6.5	0.001144	19.5	0.038885	32.5	0.004614	45.5	0.001071
6.75	0.002127	19.75	0.037817	32.75	0.004449	45.75	0.000958
7	0.004047	20	0.036627	33	0.00426	46	0.000818
7.25	0.006876	20.25	0.035776	33.25	0.004004	46.25	0.000787
7.5	0.009995	20.5	0.034399	33.5	0.003748	46.5	0.000949
7.75	0.013809	20.75	0.033215	33.75	0.003635	46.75	0
8	0.017651	21	0.031836	34	0.003592		
8.25	0.022198	21.25	0.030661	34.25	0.003333		
8.5	0.026578	21.5	0.02959	34.5	0.003122		
8.75	0.030548	21.75	0.028851	34.75	0.003143		
9	0.033929	22	0.027713	35	0.002902		
9.25	0.037299	22.25	0.026758	35.25	0.002924		
9.5	0.040311	22.5	0.025613	35.5	0.002698		
9.75	0.042697	22.75	0.024777	35.75	0.002689		
10	0.044611	23	0.023718	36	0.002707		
10.25	0.046597	23.25	0.023083	36.25	0.002591		
10.5	0.047861	23.5	0.022366	36.5	0.002328		
10.75	0.049496	23.75	0.021576	36.75	0.002255		
11	0.050912	24	0.020609	37	0.002185		
11.25	0.052228	24.25	0.019446	37.25	0.002216		
11.5	0.053549	24.5	0.018503	37.5	0.002002		
11.75	0.054282	24.75	0.017758	37.75	0.002017		
12	0.054916	25	0.016879	38	0.001953		
12.25	0.055923	25.25	0.016217	38.25	0.00192		
12.5	0.056238	25.5	0.015579	38.5	0.001721		
12.75	0.057086	25.75	0.01488	38.75	0.001773		
13	0.057437	26	0.01431	39	0.00177		
13.25	0.057404	26.25	0.013751	39.25	0.001431		
13.5	0.057764	26.5	0.013217	39.5	0.001544		
13.75	0.057919	26.75	0.01257	39.75	0.00134		
14	0.057956	27	0.012125	40	0.001498		
14.25	0.057904	27.25	0.011407	40.25	0.001447		
14.5	0.057797	27.5	0.011124	40.5	0.001443		
14.75	0.057489	27.75	0.010574	40.75	0.001279		
15	0.056934	28	0.010071	41	0.001218		
15.25	0.056192	28.25	0.009518	41.25	0.001459		
15.5	0.055887	28.5	0.009174	41.5	0.001135		
15.75	0.055447	28.75	0.008533	41.75	0.001312		
16	0.054626	29	0.008374	42	0.001291		
16.25	0.05386	29.25	0.008035	42.25	0.001196		
16.5	0.052509	29.5	0.007718	42.5	0.001108		
16.75	0.051523	29.75	0.007324	42.75	0.001215		
17	0.050375	30	0.006973	43	0.001157		
17.25	0.049591	30.25	0.006836	43.25	0.000983		

Run A0.5-1.0

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	13	0.002509
0.25	0.000912	13.25	0.002304
0.5	0.007016	13.5	0.00209
0.75	0.031067	13.75	0.00202
1	0.076285	14	0.001688
1.25	0.126321	14.25	0.001498
1.5	0.16702	14.5	0.00163
1.75	0.195557	14.75	0.001392
2	0.209796	15	0
2.25	0.209244		
2.5	0.199146		
2.75	0.183807		
3	0.167337		
3.25	0.149295		
3.5	0.132346		
3.75	0.116415		
4	0.101913		
4.25	0.089929		
4.5	0.07905		
4.75	0.070151		
5	0.061993		
5.25	0.05477		
5.5	0.048438		
5.75	0.042673		
6	0.03725		
6.25	0.032568		
6.5	0.028729		
6.75	0.025073		
7	0.021973		
7.25	0.01922		
7.5	0.016864		
7.75	0.015213		
8	0.013074		
8.25	0.011963		
8.5	0.010538		
8.75	0.009433		
9	0.008752		
9.25	0.007745		
9.5	0.006976		
9.75	0.006241		
10	0.005402		
10.25	0.004913		
10.5	0.004462		
10.75	0.003998		
11	0.003687		
11.25	0.003299		
11.5	0.003006		
11.75	0.002933		
12	0.002823		
12.25	0.002921		
12.5	0.002682		
12.75	0.002554		

Output Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
4.5	0	17.5	0.022339	30.5	0.00119
4.75	0.000549	17.75	0.021262	30.75	0.001123
5	0.00192	18	0.01976	31	0.001099
5.25	0.005212	18.25	0.018909	31.25	0.001242
5.5	0.010452	18.5	0.017697	31.5	0.001297
5.75	0.017526	18.75	0.016833	31.75	0.000952
6	0.025665	19	0.015829	32	0.000998
6.25	0.034262	19.25	0.014975	32.25	0.001056
6.5	0.042365	19.5	0.014062	32.5	0.000995
6.75	0.048764	19.75	0.013181	32.75	0.000848
7	0.053708	20	0.012131	33	0
7.25	0.057294	20.25	0.011505		
7.5	0.059912	20.5	0.010562		
7.75	0.061938	20.75	0.009842		
8	0.063257	21	0.009784		
8.25	0.064148	21.25	0.008948		
8.5	0.064795	21.5	0.008331		
8.75	0.06488	21.75	0.007959		
9	0.065115	22	0.00737		
9.25	0.065106	22.25	0.006775		
9.5	0.065176	22.5	0.006351		
9.75	0.064761	22.75	0.005997		
10	0.064386	23	0.005609		
10.25	0.063727	23.25	0.005292		
10.5	0.062708	23.5	0.005008		
10.75	0.062015	23.75	0.004678		
11	0.061252	24	0.004568		
11.25	0.060635	24.25	0.004205		
11.5	0.059195	24.5	0.003952		
11.75	0.057901	24.75	0.003723		
12	0.056885	25	0.003616		
12.25	0.055865	25.25	0.00332		
12.5	0.054446	25.5	0.003027		
12.75	0.053027	25.75	0.002899		
13	0.051532	26	0.002731		
13.25	0.049567	26.25	0.002707		
13.5	0.047546	26.5	0.0026		
13.75	0.04563	26.75	0.002615		
14	0.043936	27	0.002179		
14.25	0.041977	27.25	0.002164		
14.5	0.03988	27.5	0.001984		
14.75	0.038202	27.75	0.002097		
15	0.036407	28	0.001938		
15.25	0.034909	28.25	0.00177		
15.5	0.033203	28.5	0.001602		
15.75	0.031775	28.75	0.001532		
16	0.030466	29	0.001764		
16.25	0.028922	29.25	0.001593		
16.5	0.027573	29.5	0.00141		
16.75	0.026169	29.75	0.001398		
17	0.024979	30	0.001355		
17.25	0.023712	30.25	0.001257		

Run A0.5-1.5

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.2	0.00975
0.1	0.005622	5.3	0.008949
0.2	0.017448	5.4	0.008224
0.3	0.036666	5.5	0.007522
0.4	0.061515	5.6	0.007049
0.5	0.089019	5.7	0.00637
0.6	0.117645	5.8	0.005844
0.7	0.147361	5.9	0.005615
0.8	0.171661	6	0.00502
0.9	0.192436	6.1	0.004722
1	0.205726	6.2	0.004531
1.1	0.211456	6.3	0.004081
1.2	0.210754	6.4	0.003982
1.3	0.205802	6.5	0.003906
1.4	0.197929	6.6	0.00341
1.5	0.188652	6.7	0.003349
1.6	0.178787	6.8	0.003074
1.7	0.168304	6.9	0.002693
1.8	0.157547	7	0.002433
1.9	0.147178	7.1	0.002082
2	0.136581	7.2	0.002021
2.1	0.127204	7.3	0.001953
2.2	0.118469	7.4	0
2.3	0.110214		
2.4	0.102462		
2.5	0.095451		
2.6	0.088829		
2.7	0.082222		
2.8	0.076423		
2.9	0.071487		
3	0.0662		
3.1	0.061805		
3.2	0.057266		
3.3	0.052612		
3.4	0.048728		
3.5	0.045143		
3.6	0.041801		
3.7	0.038436		
3.8	0.035408		
3.9	0.032684		
4	0.029403		
4.1	0.027023		
4.2	0.02449		
4.3	0.02256		
4.4	0.020645		
4.5	0.018928		
4.6	0.016983		
4.7	0.015525		
4.8	0.014144		
4.9	0.012939		
5	0.01184		
5.1	0.010719		

Output Signal				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
2.1	0	7.3	0.067413	12.5	0.009918	17.7	0.000923
2.2	0.000191	7.4	0.06591	12.6	0.00956	17.8	0.000885
2.3	0.000122	7.5	0.064949	12.7	0.009209	17.9	0.001068
2.4	0.00016	7.6	0.063454	12.8	0.00856	18	0.000786
2.5	0.000114	7.7	0.061775	12.9	0.008118	18.1	0.000725
2.6	0.000313	7.8	0.060204	13	0.008011	18.2	0.000946
2.7	0.00016	7.9	0.058853	13.1	0.007591	18.3	0.000717
2.8	0.00103	8	0.05748	13.2	0.007072	18.4	0.000809
2.9	0.001801	8.1	0.055931	13.3	0.006729	18.5	0.0009
3	0.00309	8.2	0.054581	13.4	0.006569	18.6	0
3.1	0.005646	8.3	0.053207	13.5	0.006279		
3.2	0.008827	8.4	0.051819	13.6	0.005966		
3.3	0.013733	8.5	0.049973	13.7	0.005692		
3.4	0.018814	8.6	0.04866	13.8	0.00531		
3.5	0.024887	8.7	0.047234	13.9	0.005173		
3.6	0.031494	8.8	0.04567	14	0.004875		
3.7	0.038124	8.9	0.044304	14.1	0.004669		
3.8	0.045143	9	0.042831	14.2	0.004562		
3.9	0.051956	9.1	0.041367	14.3	0.00441		
4	0.060753	9.2	0.039909	14.4	0.004112		
4.1	0.06662	9.3	0.038597	14.5	0.00399		
4.2	0.071098	9.4	0.037231	14.6	0.003883		
4.3	0.07579	9.5	0.035812	14.7	0.003601		
4.4	0.079605	9.6	0.034462	14.8	0.003372		
4.5	0.082489	9.7	0.033272	14.9	0.003464		
4.6	0.084816	9.8	0.03199	15	0.003342		
4.7	0.086655	9.9	0.030823	15.1	0.002975		
4.8	0.087898	10	0.029686	15.2	0.003036		
4.9	0.088181	10.1	0.028328	15.3	0.002663		
5	0.088585	10.2	0.027267	15.4	0.0028		
5.1	0.088654	10.3	0.026077	15.5	0.00251		
5.2	0.088417	10.4	0.025124	15.6	0.002388		
5.3	0.088112	10.5	0.023727	15.7	0.002335		
5.4	0.087837	10.6	0.022911	15.8	0.00219		
5.5	0.087349	10.7	0.022202	15.9	0.002304		
5.6	0.086494	10.8	0.021492	16	0.002007		
5.7	0.085808	10.9	0.020294	16.1	0.001556		
5.8	0.084991	11	0.019379	16.2	0.001678		
5.9	0.084084	11.1	0.018684	16.3	0.001572		
6	0.082977	11.2	0.018066	16.4	0.00161		
6.1	0.081566	11.3	0.017021	16.5	0.001755		
6.2	0.080544	11.4	0.016457	16.6	0.00164		
6.3	0.079391	11.5	0.015617	16.7	0.001366		
6.4	0.078636	11.6	0.014977	16.8	0.001251		
6.5	0.077133	11.7	0.014282	16.9	0.001282		
6.6	0.075989	11.8	0.013641	17	0.001213		
6.7	0.075134	11.9	0.012917	17.1	0.001228		
6.8	0.073967	12	0.012352	17.2	0.001266		
6.9	0.072632	12.1	0.011864	17.3	0.001411		
7	0.071365	12.2	0.01133	17.4	0.001144		
7.1	0.069878	12.3	0.010735	17.5	0.000862		
7.2	0.068619	12.4	0.010231	17.6	0.001129		

Run A0.5-2.0

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.2	0.006325
0.1	0.000381	5.3	0.005562
0.2	0.003098	5.4	0.00544
0.3	0.02256	5.5	0.005127
0.4	0.060455	5.6	0.00486
0.5	0.105606	5.7	0.004288
0.6	0.148079	5.8	0.004257
0.7	0.184578	5.9	0.003983
0.8	0.214417	6	0.003799
0.9	0.236092	6.1	0.003799
1	0.248558	6.2	0.003326
1.1	0.249763	6.3	0.003235
1.2	0.241394	6.4	0.003441
1.3	0.22509	6.5	0.003075
1.4	0.204132	6.6	0.003326
1.5	0.181847	6.7	0.003273
1.6	0.160828	6.8	0
1.7	0.141884		
1.8	0.125473		
1.9	0.111305		
2	0.099167		
2.1	0.089012		
2.2	0.08033		
2.3	0.072647		
2.4	0.066032		
2.5	0.060379		
2.6	0.055496		
2.7	0.051315		
2.8	0.047401		
2.9	0.043579		
3	0.0401		
3.1	0.036659		
3.2	0.033821		
3.3	0.031113		
3.4	0.028702		
3.5	0.026001		
3.6	0.023857		
3.7	0.021843		
3.8	0.01989		
3.9	0.018364		
4	0.016747		
4.1	0.015503		
4.2	0.014229		
4.3	0.012924		
4.4	0.01181		
4.5	0.010834		
4.6	0.009941		
4.7	0.00927		
4.8	0.008476		
4.9	0.008171		
5	0.007462		
5.1	0.00679		

Output Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
2.2	0	7.4	0.038734	12.6	0.00238
2.3	0.001625	7.5	0.037003	12.7	0.002426
2.4	0.003342	7.6	0.035393	12.8	0.002121
2.5	0.006096	7.7	0.033897	12.9	0.002075
2.6	0.010124	7.8	0.032379	13	0.002174
2.7	0.015755	7.9	0.030945	13.1	0.002068
2.8	0.022346	8	0.029152	13.2	0.001732
2.9	0.030502	8.1	0.027985	13.3	0.001648
3	0.039268	8.2	0.026421	13.4	0.001671
3.1	0.048653	8.3	0.025055	13.5	0.0019
3.2	0.05825	8.4	0.023834	13.6	0.001465
3.3	0.067566	8.5	0.022423	13.7	0.001625
3.4	0.076317	8.6	0.021255	13.8	0.001724
3.5	0.083611	8.7	0.020004	13.9	0.001701
3.6	0.089699	8.8	0.018845	14	0.001541
3.7	0.094017	8.9	0.017693	14.1	0.001312
3.8	0.097168	9	0.016708	14.2	0.001236
3.9	0.098915	9.1	0.015724	14.3	0.001465
4	0.099731	9.2	0.014618	14.4	0.001465
4.1	0.09967	9.3	0.014008	14.5	0.001389
4.2	0.099045	9.4	0.01329	14.6	0.001198
4.3	0.098236	9.5	0.012596	14.7	0.001175
4.4	0.097115	9.6	0.011955	14.8	0.001396
4.5	0.095467	9.7	0.011139	14.9	0.00132
4.6	0.093361	9.8	0.010605	15	0.001312
4.7	0.091713	9.9	0.009888	15.1	0.001015
4.8	0.090065	10	0.009422	15.2	0.001122
4.9	0.087906	10.1	0.008636	15.3	0.001457
5	0.08606	10.2	0.008202	15.4	0.001579
5.1	0.083771	10.3	0.007576	15.5	0.001366
5.2	0.081863	10.4	0.007324	15.6	0.00106
5.3	0.079796	10.5	0.007004	15.7	0.001289
5.4	0.077835	10.6	0.006538	15.8	0.001205
5.5	0.075714	10.7	0.006096	15.9	0.001167
5.6	0.073479	10.8	0.005798	16	0
5.7	0.071724	10.9	0.005508		
5.8	0.069656	11	0.005096		
5.9	0.067551	11.1	0.004784		
6	0.06572	11.2	0.004646		
6.1	0.06382	11.3	0.004417		
6.2	0.061729	11.4	0.004089		
6.3	0.059669	11.5	0.003967		
6.4	0.057732	11.6	0.003868		
6.5	0.055672	11.7	0.003716		
6.6	0.054092	11.8	0.00322		
6.7	0.052078	11.9	0.003235		
6.8	0.050011	12	0.002998		
6.9	0.048286	12.1	0.002777		
7	0.046021	12.2	0.002876		
7.1	0.04438	12.3	0.002579		
7.2	0.042534	12.4	0.002808		
7.3	0.040337	12.5	0.002541		

Run A0.8-0.5

Input Signal

Time (s)	Current (μA)
0	0
0.5	0.00989
1	0.037041
1.5	0.071029
2	0.09992
2.5	0.121766
3	0.134261
3.5	0.139089
4	0.138291
4.5	0.133371
5	0.125713
5.5	0.117145
6	0.108539
6.5	0.100557
7	0.092536
7.5	0.084388
8	0.077132
8.5	0.070754
9	0.06491
9.5	0.059504
10	0.053426
10.5	0.047928
11	0.042725
11.5	0.038321
12	0.033687
12.5	0.029969
13	0.026679
13.5	0.023478
14	0.020585
14.5	0.017768
15	0.015329
15.5	0.013498
16	0.011963
16.5	0.010247
17	0.008329
17.5	0.006975
18	0.005867
18.5	0.00506
19	0.004262
19.5	0.003737
20	0.003063
20.5	0.00242
21	0.00179
21.5	0.00134
22	0.000797
22.5	0.000498
23	0.000377
23.5	0

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
16	0	40	0.032406	64	0.0016
16.5	0.001388	40.5	0.031008	64.5	0.001505
17	0.00231	41	0.029562	65	0.001505
17.5	0.003536	41.5	0.028208	65.5	0.001396
18	0.00483	42	0.026705	66	0.00124
18.5	0.006581	42.5	0.025384	66.5	0.001206
19	0.00843	43	0.024287	67	0.001202
19.5	0.010549	43.5	0.022798	67.5	0.001036
20	0.012693	44	0.021653	68	0.00104
20.5	0.015072	44.5	0.020356	68.5	0.00099
21	0.017233	45	0.019056	69	0.000813
21.5	0.019737	45.5	0.017782	69.5	0.00093
22	0.022198	46	0.016912	70	0.000918
22.5	0.024818	46.5	0.016068	70.5	0.000863
23	0.027357	47	0.015121	71	0.00063
23.5	0.02998	47.5	0.014211	71.5	0.000659
24	0.032424	48	0.01331	72	0.000598
24.5	0.034852	48.5	0.01251	72.5	0.000552
25	0.037437	49	0.011587	73	0.000563
25.5	0.039776	49.5	0.010803	73.5	0.000613
26	0.041741	50	0.0102	74	0.000573
26.5	0.043319	50.5	0.009716	74.5	0.00034
27	0.044999	51	0.008911	75	0.000372
27.5	0.046606	51.5	0.008506	75.5	0.000505
28	0.048217	52	0.007849	76	0.000462
28.5	0.049493	52.5	0.007517	76.5	0.000398
29	0.05017	53	0.006857	77	0.000305
29.5	0.050987	53.5	0.006655	77.5	0.000207
30	0.051229	54	0.006239	78	0.000183
30.5	0.051409	54.5	0.005656	78.5	0.000228
31	0.051539	55	0.00538	79	0.000489
31.5	0.051444	55.5	0.005094	79.5	0.000352
32	0.051246	56	0.004774	80	0
32.5	0.050918	56.5	0.004429		
33	0.050274	57	0.004109		
33.5	0.049552	57.5	0.003797		
34	0.048608	58	0.003503		
34.5	0.047981	58.5	0.003344		
35	0.046778	59	0.003224		
35.5	0.045548	59.5	0.002859		
36	0.043986	60	0.002874		
36.5	0.042652	60.5	0.002769		
37	0.041398	61	0.002384		
37.5	0.040228	61.5	0.002326		
38	0.038569	62	0.002079		
38.5	0.037132	62.5	0.001991		
39	0.035519	63	0.001959		
39.5	0.034033	63.5	0.001695		

Run A0.8-0.75

Input Signal

Time (s)	Current (μA)
0	0
0.5	0.000125
1	0.020819
1.5	0.079962
2	0.13919
2.5	0.174224
3	0.182281
3.5	0.168951
4	0.146845
4.5	0.122706
5	0.102242
5.5	0.085241
6	0.070533
6.5	0.057485
7	0.046806
7.5	0.038224
8	0.031109
8.5	0.024974
9	0.019911
9.5	0.01583
10	0.01253
10.5	0.009905
11	0.007781
11.5	0.006379
12	0.005116
12.5	0.003877
13	0.002987
13.5	0.002246
14	0.001719
14.5	0.001376
15	0.001205
15.5	0.000852
16	0

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
9.5	0	33.5	0.013488	57.5	0.000408
10	0.000087	34	0.012169	58	0.000165
10.5	0.000716	34.5	0.011113	58.5	0.0004
11	0.002207	35	0.01006	59	0.000211
11.5	0.004779	35.5	0.009326	59.5	0.000341
12	0.007856	36	0.008269	60	0.000402
12.5	0.011557	36.5	0.007762	60.5	0.000309
13	0.014778	37	0.007181	61	0.000214
13.5	0.018335	37.5	0.006305	61.5	0.000144
14	0.021871	38	0.005953	62	0.000133
14.5	0.025441	38.5	0.005281	62.5	0.000304
15	0.029154	39	0.004885	63	0
15.5	0.032134	39.5	0.004439		
16	0.035428	40	0.004102		
16.5	0.038579	40.5	0.003873		
17	0.041133	41	0.003572		
17.5	0.043607	41.5	0.003191		
18	0.045978	42	0.002828		
18.5	0.048134	42.5	0.002712		
19	0.049613	43	0.002639		
19.5	0.050721	43.5	0.002182		
20	0.051374	44	0.002123		
20.5	0.052158	44.5	0.001856		
21	0.051992	45	0.001668		
21.5	0.051995	45.5	0.001584		
22	0.05156	46	0.001525		
22.5	0.050667	46.5	0.001381		
23	0.049468	47	0.001268		
23.5	0.047832	47.5	0.001154		
24	0.046733	48	0.001216		
24.5	0.045336	48.5	0.001078		
25	0.043532	49	0.001023		
25.5	0.041213	49.5	0.000948		
26	0.039272	50	0.000801		
26.5	0.037465	50.5	0.000898		
27	0.035308	51	0.00092		
27.5	0.033615	51.5	0.00098		
28	0.031475	52	0.000722		
28.5	0.029425	52.5	0.000603		
29	0.02768	53	0.000563		
29.5	0.025864	53.5	0.000745		
30	0.023824	54	0.000808		
30.5	0.022185	54.5	0.000426		
31	0.020635	55	0.000371		
31.5	0.018793	55.5	0.000466		
32	0.017418	56	0.00036		
32.5	0.01605	56.5	0.00036		
33	0.014661	57	0.000425		

Run A0.8-1.0

Input Signal

Time (s)	Current (μA)
0	0
0.25	0.003708
0.5	0.020795
0.75	0.0591
1	0.106848
1.25	0.149197
1.5	0.180154
1.75	0.197418
2	0.199878
2.25	0.191074
2.5	0.175659
2.75	0.157812
3	0.139774
3.25	0.122949
3.5	0.107892
3.75	0.094385
4	0.083035
4.25	0.072928
4.5	0.063773
4.75	0.055652
5	0.048798
5.25	0.042694
5.5	0.037317
5.75	0.03262
6	0.028363
6.25	0.024448
6.5	0.021167
6.75	0.018033
7	0.015933
7.25	0.013763
7.5	0.012073
7.75	0.010657
8	0.009286
8.25	0.008008
8.5	0.006894
8.75	0.005902
9	0.00545
9.25	0.004568
9.5	0.00415
9.75	0.003772
10	0.003485
10.25	0.002945
10.5	0.002853
10.75	0.002502
11	0

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
6.75	0	18.75	0.035211	30.75	0.002527
7	0.000589	19	0.033844	31	0.002301
7.25	0.001849	19.25	0.032333	31.25	0.00209
7.5	0.004428	19.5	0.031454	31.5	0.001919
7.75	0.008114	19.75	0.030041	31.75	0.001989
8	0.012219	20	0.028717	32	0.001977
8.25	0.017123	20.25	0.02756	32.25	0.00137
8.5	0.022595	20.5	0.025811	32.5	0.001462
8.75	0.026962	20.75	0.024655	32.75	0.001431
9	0.031292	21	0.023449	33	0.001263
9.25	0.034448	21.25	0.022494	33.25	0.001233
9.5	0.037527	21.5	0.021316	33.5	0.001245
9.75	0.039966	21.75	0.020346	33.75	0.001214
10	0.04201	22	0.01907	34	0.000946
10.25	0.043762	22.25	0.018142	34.25	0.000885
10.5	0.045566	22.5	0.017236	34.5	0.000885
10.75	0.046972	22.75	0.016366	34.75	0.000863
11	0.048218	23	0.015301	35	0.000915
11.25	0.049591	23.25	0.014435	35.25	0.000763
11.5	0.05065	23.5	0.013601	35.5	0.000677
11.75	0.051605	23.75	0.012845	35.75	0.00075
12	0.052551	24	0.012079	36	0.000692
12.25	0.053225	24.25	0.011319	36.25	0.000653
12.5	0.053897	24.5	0.010797	36.5	0.000357
12.75	0.054574	24.75	0.010281	36.75	0.000512
13	0.054886	25	0.009399	37	0.000668
13.25	0.055133	25.25	0.008984	37.25	0.000729
13.5	0.055267	25.5	0.008548	37.5	0.00058
13.75	0.055441	25.75	0.007858	37.75	0.000439
14	0.05476	26	0.007409	38	0.000625
14.25	0.054419	26.25	0.00701	38.25	0.000534
14.5	0.054013	26.5	0.00654	38.5	0.000686
14.75	0.053616	26.75	0.00628	38.75	0.000244
15	0.053268	27	0.005819	39	0.000177
15.25	0.05256	27.25	0.00563	39.25	0.000183
15.5	0.051474	27.5	0.005127	39.5	0.000561
15.75	0.050412	27.75	0.005142	39.75	0.000451
16	0.049267	28	0.004516	40	0.000415
16.25	0.048211	28.25	0.004229	40.25	0.000235
16.5	0.047232	28.5	0.004294	40.5	0.000268
16.75	0.045929	28.75	0.003888	40.75	0.000418
17	0.045056	29	0.003711	41	0.000296
17.25	0.043087	29.25	0.003576	41.25	0.000308
17.5	0.041717	29.5	0.003161	41.5	0.000219
17.75	0.040497	29.75	0.003024	41.75	0.000177
18	0.039245	30	0.002746	42	0.000213
18.25	0.038034	30.25	0.00271	42.25	0.000244
18.5	0.03667	30.5	0.002606	42.5	0

Run A0.8-1.5

Input Signal				Output Signal				Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	5.4	0.013252	4.5	0	9.9	0.056498	15.3	0.025446	20.7	0.003267
0.1	0.000793	5.5	0.012085	4.6	0.000071	10	0.056581	15.4	0.024408	20.8	0.002924
0.2	0.003944	5.6	0.011192	4.7	0.000505	10.1	0.056589	15.5	0.023943	20.9	0.002733
0.3	0.012604	5.7	0.010605	4.8	0.001261	10.2	0.056833	15.6	0.023508	21	0.002146
0.4	0.026543	5.8	0.009445	4.9	0.001421	10.3	0.056566	15.7	0.022524	21.1	0.002466
0.5	0.046165	5.9	0.009209	5	0.002436	10.4	0.056467	15.8	0.02186	21.2	0.002329
0.6	0.070442	6	0.008369	5.1	0.00403	10.5	0.05607	15.9	0.021029	21.3	0.002008
0.7	0.095909	6.1	0.007713	5.2	0.004663	10.6	0.056673	16	0.020494	21.4	0.00194
0.8	0.120148	6.2	0.007507	5.3	0.006327	10.7	0.056147	16.1	0.019892	21.5	0.001986
0.9	0.142448	6.3	0.00666	5.4	0.007296	10.8	0.056147	16.2	0.019014	21.6	0.001848
1	0.16172	6.4	0.006294	5.5	0.009058	10.9	0.056002	16.3	0.018145	21.7	0.001627
1.1	0.17659	6.5	0.006081	5.6	0.010813	11	0.055857	16.4	0.017656	21.8	0.00168
1.2	0.186035	6.6	0.005707	5.7	0.012583	11.1	0.055666	16.5	0.016962	21.9	0.001581
1.3	0.190079	6.7	0.00531	5.8	0.01446	11.2	0.055117	16.6	0.016253	22	0.001635
1.4	0.19072	6.8	0.004906	5.9	0.015871	11.3	0.054537	16.7	0.01613	22.1	0.001642
1.5	0.187401	6.9	0.005035	6	0.017344	11.4	0.054583	16.8	0.014986	22.2	0.001406
1.6	0.181213	7	0.004784	6.1	0.019571	11.5	0.053293	16.9	0.014513	22.3	0.001337
1.7	0.173843	7.1	0.004227	6.2	0.02128	11.6	0.0534	17	0.014292	22.4	0.001429
1.8	0.165489	7.2	0.00412	6.3	0.022936	11.7	0.052965	17.1	0.013613	22.5	0.001177
1.9	0.156471	7.3	0.003563	6.4	0.024652	11.8	0.052309	17.2	0.0133	22.6	0.001421
2	0.147324	7.4	0.003685	6.5	0.026354	11.9	0.051622	17.3	0.012568	22.7	0.001101
2.1	0.137726	7.5	0.003654	6.6	0.028002	12	0.051165	17.4	0.011782	22.8	0.00139
2.2	0.128983	7.6	0.003235	6.7	0.02923	12.1	0.05076	17.5	0.011553	22.9	0.00104
2.3	0.120331	7.7	0.003487	6.8	0.030245	12.2	0.050188	17.6	0.010927	23	0.001162
2.4	0.112259	7.8	0.002945	6.9	0.03216	12.3	0.049807	17.7	0.010965	23.1	0.00094
2.5	0.104858	7.9	0.002869	7	0.033808	12.4	0.049067	17.8	0.010332	23.2	0.001047
2.6	0.09787	8	0.002739	7.1	0.035006	12.5	0.048578	17.9	0.009897	23.3	0.000956
2.7	0.091545	8.1	0.002266	7.2	0.035883	12.6	0.047991	18	0.00915	23.4	0.001062
2.8	0.085915	8.2	0	7.3	0.03734	12.7	0.04706	18.1	0.009035	23.5	0.000574
2.9	0.080681			7.4	0.038485	12.8	0.045885	18.2	0.008608	23.6	0.000757
3	0.075012			7.5	0.039774	12.9	0.045771	18.3	0.008211	23.7	0.00065
3.1	0.070061			7.6	0.040415	13	0.044222	18.4	0.007929	23.8	0.000696
3.2	0.065155			7.7	0.042131	13.1	0.043566	18.5	0.008013	23.9	0.000772
3.3	0.061226			7.8	0.042978	13.2	0.042788	18.6	0.007334	24	0.000574
3.4	0.056915			7.9	0.044336	13.3	0.041941	18.7	0.006838	24.1	0.000666
3.5	0.053589			8	0.045343	13.4	0.040781	18.8	0.006891	24.2	0.00075
3.6	0.050072			8.1	0.045824	13.5	0.040148	18.9	0.006571	24.3	0.000734
3.7	0.046379			8.2	0.046534	13.6	0.039194	19	0.006243	24.4	0.000544
3.8	0.043152			8.3	0.047647	13.7	0.038561	19.1	0.00622	24.5	0.000719
3.9	0.040077			8.4	0.048189	13.8	0.037714	19.2	0.005823	24.6	0.000757
4	0.037392			8.5	0.049166	13.9	0.036959	19.3	0.005198	24.7	0.000597
4.1	0.034447			8.6	0.050051	14	0.036173	19.4	0.00548	24.8	0.000528
4.2	0.032089			8.7	0.050646	14.1	0.035158	19.5	0.005098	24.9	0.000444
4.3	0.02993			8.8	0.051645	14.2	0.034517	19.6	0.004839	25	0.00075
4.4	0.027496			8.9	0.052416	14.3	0.033449	19.7	0.00432	25.1	0.000536
4.5	0.025696			9	0.052759	14.4	0.032747	19.8	0.004412	25.2	0.000589
4.6	0.02359			9.1	0.053156	14.5	0.03203	19.9	0.004358	25.3	0.000338
4.7	0.021729			9.2	0.053942	14.6	0.031298	20	0.00403	25.4	0.000391
4.8	0.020462			9.3	0.054132	14.7	0.030092	20.1	0.003817	25.5	0.000124
4.9	0.018822			9.4	0.05488	14.8	0.029398	20.2	0.003687	25.6	0.000216
5	0.0177			9.5	0.05501	14.9	0.028627	20.3	0.003481	25.7	0.000315
5.1	0.016258			9.6	0.055407	15	0.02743	20.4	0.003466	25.8	0.000116
5.2	0.014885			9.7	0.056032	15.1	0.026743	20.5	0.003016	25.9	0.000742
5.3	0.013901			9.8	0.056345	15.2	0.025812	20.6	0.002794	26	0.000093

Run A0.8-2.0

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.009131
0.1	0.001632	5.5	0.008536
0.2	0.017791	5.6	0.00746
0.3	0.051398	5.7	0.006713
0.4	0.089484	5.8	0.006537
0.5	0.122519	5.9	0.005751
0.6	0.148642	6	0.005225
0.7	0.168593	6.1	0.004844
0.8	0.182319	6.2	0.004485
0.9	0.186683	6.3	0.004409
1	0.183356	6.4	0.003539
1.1	0.174208	6.5	0.003478
1.2	0.161597	6.6	0.002974
1.3	0.14823	6.7	0.002829
1.4	0.133681	6.8	0.002303
1.5	0.121497	6.9	0.002242
1.6	0.111434	7	0.002112
1.7	0.10224	7.1	0.001929
1.8	0.09497	7.2	0.001815
1.9	0.088477	7.3	0.001265
2	0.083045	7.4	0.00112
2.1	0.078421	7.5	0.000975
2.2	0.07421	7.6	0.000777
2.3	0.069976	7.7	0.000838
2.4	0.06697	7.8	0.0008
2.5	0.063819	7.9	0.000617
2.6	0.060981	8	0.000533
2.7	0.058158	8.1	0.000609
2.8	0.055465	8.2	0.000335
2.9	0.052695	8.3	0.000403
3	0.049743	8.4	0
3.1	0.04753		
3.2	0.044913		
3.3	0.043097		
3.4	0.040664		
3.5	0.038726		
3.6	0.036437		
3.7	0.034705		
3.8	0.032508		
3.9	0.030341		
4	0.028136		
4.1	0.026458		
4.2	0.024497		
4.3	0.02278		
4.4	0.0213		
4.5	0.019515		
4.6	0.018409		
4.7	0.017051		
4.8	0.015792		
4.9	0.014472		
5	0.013091		
5.1	0.011985		
5.2	0.011046		
5.3	0.009993		

Output Signal				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
3.4	0	8.8	0.052551	14.2	0.007187	19.6	0.000198
3.5	0.000435	8.9	0.052048	14.3	0.006577	19.7	0.000206
3.6	0.001183	9	0.051308	14.4	0.006233	19.8	5.30E-05
3.7	0.002281	9.1	0.050377	14.5	0.006088	19.9	0.000221
3.8	0.003555	9.2	0.049683	14.6	0.005608	20	0.000031
3.9	0.005341	9.3	0.048988	14.7	0.005447	20.1	0.000412
4	0.007706	9.4	0.047546	14.8	0.005135	20.2	-0.00013
4.1	0.009995	9.5	0.046768	14.9	0.004639	20.3	0.00013
4.2	0.012802	9.6	0.045876	15	0.004707	20.4	0.00013
4.3	0.015495	9.7	0.044807	15.1	0.003929	20.5	0.000237
4.4	0.018578	9.8	0.044083	15.2	0.003792	20.6	5.30E-05
4.5	0.021553	9.9	0.043167	15.3	0.003677	20.7	0.000214
4.6	0.024117	10	0.042549	15.4	0.003082	20.8	-0.000023
4.7	0.026688	10.1	0.041237	15.5	0.003143	20.9	-0.000206
4.8	0.029518	10.2	0.040253	15.6	0.002808	21	-3.80E-05
4.9	0.031471	10.3	0.039291	15.7	0.002655	21.1	6.10E-05
5	0.033669	10.4	0.038261	15.8	0.002548	21.2	0.000176
5.1	0.035881	10.5	0.037254	15.9	0.00238	21.3	-0.000137
5.2	0.037521	10.6	0.035851	16	0.002304	21.4	0
5.3	0.039246	10.7	0.035019	16.1	0.002205		
5.4	0.040749	10.8	0.033417	16.2	0.002029		
5.5	0.042275	10.9	0.032578	16.3	0.002045		
5.6	0.043793	11	0.031364	16.4	0.001831		
5.7	0.045204	11.1	0.030289	16.5	0.001808		
5.8	0.046471	11.2	0.029518	16.6	0.001488		
5.9	0.047607	11.3	0.028656	16.7	0.001213		
6	0.0485	11.4	0.027382	16.8	0.001534		
6.1	0.049576	11.5	0.026184	16.9	0.001114		
6.2	0.050179	11.6	0.025215	17	0.00119		
6.3	0.051308	11.7	0.0243	17.1	0.001305		
6.4	0.052116	11.8	0.023552	17.2	0.000809		
6.5	0.052597	11.9	0.022591	17.3	0.001129		
6.6	0.053543	12	0.021912	17.4	0.000992		
6.7	0.054367	12.1	0.020767	17.5	0.001175		
6.8	0.054817	12.2	0.019905	17.6	0.000702		
6.9	0.055428	12.3	0.019096	17.7	0.001053		
7	0.055862	12.4	0.018234	17.8	0.000771		
7.1	0.055901	12.5	0.017464	17.9	0.00061		
7.2	0.056541	12.6	0.016739	18	0.000824		
7.3	0.05645	12.7	0.015968	18.1	0.000618		
7.4	0.056717	12.8	0.014999	18.2	0.000656		
7.5	0.056763	12.9	0.014221	18.3	0.000473		
7.6	0.057053	13	0.013565	18.4	0.000237		
7.7	0.056892	13.1	0.013191	18.5	0.000572		
7.8	0.056679	13.2	0.012459	18.6	0.000176		
7.9	0.057098	13.3	0.011795	18.7	0.000221		
8	0.056763	13.4	0.011284	18.8	0.000229		
8.1	0.056458	13.5	0.010597	18.9	0.000557		
8.2	0.056015	13.6	0.01014	19	0.000137		
8.3	0.055855	13.7	0.009605	19.1	0.000214		
8.4	0.054886	13.8	0.009079	19.2	0.000397		
8.5	0.054703	13.9	0.008621	19.3	-3.80E-05		
8.6	0.053871	14	0.00798	19.4	0.000366		
8.7	0.05294	14.1	0.007607	19.5	0.000465		

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	24	0.002423
0.5	0.001447	24.5	0.002281
1	0.006247	25	0.002127
1.5	0.015929	25.5	0.001996
2	0.030479	26	0.001918
2.5	0.047675	26.5	0.001633
3	0.06483	27	0.001482
3.5	0.080838	27.5	0.001503
4	0.094794	28	0.001648
4.5	0.103731	28.5	0.001604
5	0.105443	29	0.001378
5.5	0.100694	29.5	0.001476
6	0.092111	30	0.001318
6.5	0.082547	30.5	0
7	0.072607		
7.5	0.064351		
8	0.057912		
8.5	0.052411		
9	0.047806		
9.5	0.043762		
10	0.039804		
10.5	0.036328		
11	0.033133		
11.5	0.030157		
12	0.027649		
12.5	0.025377		
13	0.02326		
13.5	0.021011		
14	0.019196		
14.5	0.017355		
15	0.015744		
15.5	0.014307		
16	0.012567		
16.5	0.011159		
17	0.010315		
17.5	0.009137		
18	0.008359		
18.5	0.007497		
19	0.006764		
19.5	0.006015		
20	0.005296		
20.5	0.004846		
21	0.004237		
21.5	0.003999		
22	0.003607		
22.5	0.003183		
23	0.002789		
23.5	0.002621		

Run A1.0-0.5

Output Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
20.5	0	44.5	0.034296	68.5	0.002309
21	0.000109	45	0.03341	69	0.002302
21.5	0.000438	45.5	0.032442	69.5	0.002121
22	0.000766	46	0.03144	70	0.001899
22.5	0.001088	46.5	0.0308	70.5	0.001638
23	0.001413	47	0.029749	71	0.001439
23.5	0.001882	47.5	0.028379	71.5	0.00163
24	0.002533	48	0.027308	72	0.001557
24.5	0.003383	48.5	0.026175	72.5	0.001484
25	0.004183	49	0.024923	73	0.001247
25.5	0.00519	49.5	0.024259	73.5	0.001247
26	0.006199	50	0.023069	74	0.001113
26.5	0.007055	50.5	0.022114	74.5	0.001035
27	0.008495	51	0.021087	75	0.001043
27.5	0.010032	51.5	0.019982	75.5	0.001072
28	0.011426	52	0.018973	76	0.000913
28.5	0.013077	52.5	0.017966	76.5	0.000747
29	0.014602	53	0.017069	77	0.000808
29.5	0.016384	53.5	0.016247	77.5	0.000892
30	0.01807	54	0.015317	78	0.000586
30.5	0.019674	54.5	0.014498	78.5	0.000721
31	0.021482	55	0.013674	79	0.000628
31.5	0.023174	55.5	0.013111	79.5	0.0006
32	0.025039	56	0.01224	80	0.00064
32.5	0.026633	56.5	0.011301	80.5	0.00069
33	0.028129	57	0.010503	81	0.000474
33.5	0.029798	57.5	0.010007	81.5	0.000531
34	0.03131	58	0.009397	82	0.000504
34.5	0.032605	58.5	0.008793	82.5	0.000579
35	0.033967	59	0.008338	83	0.000666
35.5	0.034607	59.5	0.007726	83.5	0.00048
36	0.035633	60	0.007384	84	0.000544
36.5	0.036692	60.5	0.006926	84.5	0.000341
37	0.037751	61	0.00636	85	0.000449
37.5	0.038414	61.5	0.005887	85.5	0.000455
38	0.039008	62	0.005459	86	0.00033
38.5	0.039208	62.5	0.005312	86.5	0.000359
39	0.03915	63	0.004841	87	0.000258
39.5	0.039184	63.5	0.00447	87.5	0.000371
40	0.039267	64	0.004271	88	0.000332
40.5	0.038929	64.5	0.003898	88.5	0.000443
41	0.038888	65	0.003733	89	0.000162
41.5	0.038712	65.5	0.00351	89.5	0.000263
42	0.038071	66	0.003234	90	0.000248
42.5	0.037278	66.5	0.00301	90.5	0.000365
43	0.036522	67	0.002829	91	0.00022
43.5	0.036023	67.5	0.002657	91.5	0
44	0.035404	68	0.002405		

Run A1.0-0.75

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	13.5	0.003549
0.25	0.001062	13.75	0.003174
0.5	0.004169	14	0.002991
0.75	0.014014	14.25	0.002753
1	0.031702	14.5	0.002924
1.25	0.055438	14.75	0.002542
1.5	0.081018	15	0.002393
1.75	0.105118	15.25	0.002032
2	0.126404	15.5	0.002075
2.25	0.144415	15.75	0
2.5	0.157733		
2.75	0.164575		
3	0.163382		
3.25	0.157233		
3.5	0.147165		
3.75	0.135416		
4	0.123718		
4.25	0.11152		
4.5	0.100336		
4.75	0.090414		
5	0.081735		
5.25	0.073981		
5.5	0.067023		
5.75	0.060834		
6	0.055341		
6.25	0.050165		
6.5	0.045346		
6.75	0.041135		
7	0.037311		
7.25	0.034201		
7.5	0.03114		
7.75	0.02749		
8	0.02515		
8.25	0.023065		
8.5	0.021078		
8.75	0.019141		
9	0.017566		
9.25	0.015875		
9.5	0.014563		
9.75	0.013318		
10	0.012158		
10.25	0.010843		
10.5	0.00997		
10.75	0.008945		
11	0.00817		
11.25	0.007248		
11.5	0.006686		
11.75	0.006281		
12	0.005759		
12.25	0.005243		
12.5	0.004828		
12.75	0.004242		
13	0.00408		
13.25	0.003775		

Output Signal				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
13.25	0	26.75	0.038354	40.25	0.012503	53.75	0.001678
13.5	0.001291	27	0.038385	40.5	0.011847	54	0.00173
13.75	0.001282	27.25	0.038391	40.75	0.01156	54.25	0.00173
14	0.001779	27.5	0.03847	41	0.011099	54.5	0.001822
14.25	0.002063	27.75	0.038129	41.25	0.010583	54.75	0.001691
14.5	0.002679	28	0.03801	41.5	0.010327	55	0.001587
14.75	0.003122	28.25	0.037851	41.75	0.0099	55.25	0.001547
15	0.003851	28.5	0.037656	42	0.009467	55.5	0.001563
15.25	0.004068	28.75	0.037372	42.25	0.00907	55.75	0.001422
15.5	0.004852	29	0.037057	42.5	0.008939	56	0.001392
15.75	0.005396	29.25	0.036639	42.75	0.008594	56.25	0.001236
16	0.006464	29.5	0.03634	43	0.008237	56.5	0.001392
16.25	0.006802	29.75	0.035974	43.25	0.008084	56.75	0.001273
16.5	0.007629	30	0.035678	43.5	0.007632	57	0.001224
16.75	0.008835	30.25	0.035007	43.75	0.007339	57.25	0.001297
17	0.009439	30.5	0.034622	44	0.007147	57.5	0.001282
17.25	0.010193	30.75	0.034271	44.25	0.006644	57.75	0.001276
17.5	0.011066	31	0.033765	44.5	0.006738	58	0.001187
17.75	0.012125	31.25	0.033209	44.75	0.00621	58.25	0.001178
18	0.013028	31.5	0.032608	45	0.006079	58.5	0.001279
18.25	0.014044	31.75	0.031931	45.25	0.00582	58.75	0.001175
18.5	0.015067	32	0.031345	45.5	0.00564	59	0.001163
18.75	0.01608	32.25	0.030673	45.75	0.00528	59.25	0.00101
19	0.017056	32.5	0.03024	46	0.00527	59.5	0.001083
19.25	0.018222	32.75	0.029443	46.25	0.005035	59.75	0
19.5	0.019067	33	0.028833	46.5	0.004669		
19.75	0.020282	33.25	0.028201	46.75	0.004791		
20	0.021249	33.5	0.027518	47	0.004684		
20.25	0.022244	33.75	0.027209	47.25	0.00426		
20.5	0.023431	34	0.026584	47.5	0.004279		
20.75	0.024408	34.25	0.025806	47.75	0.004254		
21	0.025409	34.5	0.025064	48	0.004062		
21.25	0.026285	34.75	0.024402	48.25	0.003726		
21.5	0.027344	35	0.023914	48.5	0.003558		
21.75	0.028259	35.25	0.023196	48.75	0.003632		
22	0.029065	35.5	0.022565	49	0.003552		
22.25	0.030014	35.75	0.021811	49.25	0.00347		
22.5	0.030676	36	0.02135	49.5	0.003122		
22.75	0.03161	36.25	0.020709	49.75	0.002982		
23	0.032617	36.5	0.020142	50	0.002811		
23.25	0.03316	36.75	0.019568	50.25	0.002924		
23.5	0.033743	37	0.018774	50.5	0.002798		
23.75	0.034399	37.25	0.018253	50.75	0.002527		
24	0.035095	37.5	0.017831	51	0.002481		
24.25	0.035583	37.75	0.01748	51.25	0.002313		
24.5	0.035999	38	0.016733	51.5	0.00242		
24.75	0.036642	38.25	0.016025	51.75	0.002283		
25	0.037039	38.5	0.015552	52	0.002277		
25.25	0.037177	38.75	0.015302	52.25	0.002072		
25.5	0.037527	39	0.014575	52.5	0.002121		
25.75	0.037958	39.25	0.014075	52.75	0.002002		
26	0.038049	39.5	0.013641	53	0.001932		
26.25	0.038275	39.75	0.013132	53.25	0.001883		
26.5	0.038391	40	0.012671	53.5	0.001868		

Input Signal			
Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	13.5	0.001904
0.25	0.001892	13.75	0.001709
0.5	0.014969	14	0.001566
0.75	0.049698	14.25	0.001672
1	0.108777	14.5	0.001694
1.25	0.148056	14.75	0
1.5	0.177127		
1.75	0.193365		
2	0.194055		
2.25	0.18364		
2.5	0.167117		
2.75	0.148163		
3	0.129138		
3.25	0.111868		
3.5	0.096704		
3.75	0.083417		
4	0.072867		
4.25	0.063818		
4.5	0.056567		
4.75	0.050067		
5	0.044516		
5.25	0.039355		
5.5	0.034863		
5.75	0.03064		
6	0.027304		
6.25	0.02438		
6.5	0.021768		
6.75	0.019208		
7	0.017279		
7.25	0.015298		
7.5	0.013831		
7.75	0.012451		
8	0.010965		
8.25	0.009772		
8.5	0.00885		
8.75	0.007858		
9	0.00722		
9.25	0.006659		
9.5	0.006049		
9.75	0.005438		
10	0.005035		
10.25	0.004395		
10.5	0.004037		
10.75	0.003949		
11	0.003534		
11.25	0.003339		
11.5	0.002863		
11.75	0.002701		
12	0.002628		
12.25	0.002484		
12.5	0.002335		
12.75	0.002316		
13	0.002078		
13.25	0.001974		

Run A1.0-1.0

Output Signal					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
9.25	0	22.75	0.035709	36.25	0.005118
9.5	0.001144	23	0.035318	36.5	0.004947
9.75	0.001535	23.25	0.034631	36.75	0.004755
10	0.002295	23.5	0.033981	37	0.004523
10.25	0.00278	23.75	0.033533	37.25	0.004282
10.5	0.003641	24	0.032913	37.5	0.003928
10.75	0.004587	24.25	0.032266	37.75	0.003726
11	0.005423	24.5	0.031451	38	0.003745
11.25	0.006607	24.75	0.030792	38.25	0.003384
11.5	0.00752	25	0.030191	38.5	0.003262
11.75	0.008673	25.25	0.029312	38.75	0.003104
12	0.009836	25.5	0.028668	39	0.003116
12.25	0.010947	25.75	0.027911	39.25	0.00289
12.5	0.01217	26	0.027072	39.5	0.002798
12.75	0.013446	26.25	0.026495	39.75	0.002695
13	0.014343	26.5	0.025659	40	0.00253
13.25	0.015814	26.75	0.024905	40.25	0.002304
13.5	0.016895	27	0.02403	40.5	0.002356
13.75	0.018173	27.25	0.023285	40.75	0.002209
14	0.019409	27.5	0.022696	41	0.002222
14.25	0.020618	27.75	0.022034	41.25	0.002048
14.5	0.022107	28	0.021191	41.5	0.00192
14.75	0.023041	28.25	0.020581	41.75	0.00181
15	0.024335	28.5	0.019821	42	0.001688
15.25	0.025443	28.75	0.01915	42.25	0.001672
15.5	0.026672	29	0.018253	42.5	0.001624
15.75	0.02767	29.25	0.017819	42.75	0.001526
16	0.028955	29.5	0.017065	43	0.001578
16.25	0.029745	29.75	0.01629	43.25	0.001312
16.5	0.030893	30	0.015616	43.5	0.00148
16.75	0.031589	30.25	0.015158	43.75	0.0013
17	0.032602	30.5	0.014563	44	0.001147
17.25	0.033414	30.75	0.013818	44.25	0.001266
17.5	0.034137	31	0.013187	44.5	0.001157
17.75	0.034946	31.25	0.012674	44.75	0.001031
18	0.03544	31.5	0.012241	45	0.001056
18.25	0.03595	31.75	0.011832	45.25	0.001135
18.5	0.036584	32	0.011166	45.5	0.001019
18.75	0.037045	32.25	0.010858	45.75	0.000989
19	0.037509	32.5	0.010217	46	0.000751
19.25	0.03768	32.75	0.009723	46.25	0.0009
19.5	0.037781	33	0.009354	46.5	0.000812
19.75	0.038052	33.25	0.009012	46.75	0
20	0.038147	33.5	0.008597		
20.25	0.038327	33.75	0.008228		
20.5	0.038217	34	0.007828		
20.75	0.038159	34.25	0.007355		
21	0.038202	34.5	0.007135		
21.25	0.037985	34.75	0.006924		
21.5	0.03768	35	0.006567		
21.75	0.037418	35.25	0.006216		
22	0.037015	35.5	0.006033		
22.25	0.036508	35.75	0.005774		
22.5	0.036398	36	0.00546		

Run A1.0-1.5

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.008445
0.1	0.000795	5.5	0.00772
0.2	0.010238	5.6	0.006858
0.3	0.027999	5.7	0.006522
0.4	0.053275	5.8	0.005744
0.5	0.082557	5.9	0.005416
0.6	0.112502	6	0.004889
0.7	0.157233	6.1	0.004714
0.8	0.18154	6.2	0.004371
0.9	0.201545	6.3	0.00405
1	0.214133	6.4	0.00373
1.1	0.21839	6.5	0.003547
1.2	0.215567	6.6	0.003104
1.3	0.208884	6.7	0.003157
1.4	0.19905	6.8	0.002723
1.5	0.188109	6.9	0.002585
1.6	0.176734	7	0.002417
1.7	0.164916	7.1	0.002242
1.8	0.153624	7.2	0.002089
1.9	0.14263	7.3	0.001822
2	0.13185	7.4	0.001662
2.1	0.121634	7.5	0.001716
2.2	0.112021	7.6	0.001754
2.3	0.10337	7.7	0.001304
2.4	0.095321	7.8	0.00112
2.5	0.087897	7.9	0.000983
2.6	0.08129	8	0.001044
2.7	0.074988	8.1	0.00096
2.8	0.069724	8.2	0.00096
2.9	0.06449	8.3	0.000914
3	0.059684	8.4	0
3.1	0.055381		
3.2	0.051268		
3.3	0.047057		
3.4	0.043395		
3.5	0.040282		
3.6	0.037062		
3.7	0.034446		
3.8	0.031592		
3.9	0.029082		
4	0.026587		
4.1	0.024505		
4.2	0.02259		
4.3	0.020812		
4.4	0.019255		
4.5	0.017417		
4.6	0.016097		
4.7	0.015067		
4.8	0.013656		
4.9	0.012565		
5	0.011672		
5.1	0.010314		
5.2	0.00965		
5.3	0.008895		

Output Signal				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
5.9	0	11.3	0.034237	16.7	0.033107	22.1	0.011158
6	0.000187	11.4	0.034839	16.8	0.032551	22.2	0.010586
6.1	0.00053	11.5	0.035206	16.9	0.032055	22.3	0.010288
6.2	0.000789	11.6	0.035976	17	0.031604	22.4	0.010181
6.3	0.001201	11.7	0.036152	17.1	0.031299	22.5	0.00996
6.4	0.001812	11.8	0.036648	17.2	0.03062	22.6	0.009601
6.5	0.002033	11.9	0.036854	17.3	0.030285	22.7	0.009411
6.6	0.002369	12	0.03741	17.4	0.030002	22.8	0.009182
6.7	0.002788	12.1	0.037639	17.5	0.029384	22.9	0.008884
6.8	0.003399	12.2	0.038082	17.6	0.028904	23	0.008983
6.9	0.003971	12.3	0.038151	17.7	0.028492	23.1	0.008571
7	0.004635	12.4	0.038654	17.8	0.02795	23.2	0.008625
7.1	0.005352	12.5	0.038761	17.9	0.027729	23.3	0.008037
7.2	0.005855	12.6	0.038952	18	0.027012	23.4	0.008007
7.3	0.006351	12.7	0.039119	18.1	0.026722	23.5	0.007717
7.4	0.007122	12.8	0.039509	18.2	0.026325	23.6	0.007572
7.5	0.00803	12.9	0.039661	18.3	0.025989	23.7	0.007305
7.6	0.008533	13	0.039715	18.4	0.025356	23.8	0.00729
7.7	0.009472	13.1	0.040004	18.5	0.024875	23.9	0.006984
7.8	0.010334	13.2	0.039715	18.6	0.024234	24	0.006893
7.9	0.010982	13.3	0.04002	18.7	0.023723	24.1	0.006702
8	0.011562	13.4	0.040096	18.8	0.023121	24.2	0.006511
8.1	0.012478	13.5	0.040027	18.9	0.022327	24.3	0.006427
8.2	0.013416	13.6	0.039974	19	0.021976	24.4	0.00616
8.3	0.013988	13.7	0.040233	19.1	0.021663	24.5	0.005954
8.4	0.01495	13.8	0.040241	19.2	0.021251	24.6	0.005817
8.5	0.015514	13.9	0.040226	19.3	0.020664	24.7	0.005649
8.6	0.0163	14	0.040134	19.4	0.020374	24.8	0.005657
8.7	0.017025	14.1	0.040012	19.5	0.019977	24.9	0.005321
8.8	0.017833	14.2	0.039753	19.6	0.01971	25	0.005336
8.9	0.018734	14.3	0.039798	19.7	0.019069	25.1	0.005031
9	0.019184	14.4	0.039432	19.8	0.018551	25.2	0.004795
9.1	0.01997	14.5	0.039509	19.9	0.018558	25.3	0.004818
9.2	0.020847	14.6	0.039394	20	0.018116	25.4	0.004642
9.3	0.021442	14.7	0.039066	20.1	0.017704	25.5	0.004513
9.4	0.022564	14.8	0.03899	20.2	0.016987	25.6	0.004207
9.5	0.023388	14.9	0.039043	20.3	0.017116	25.7	0.004329
9.6	0.023761	15	0.038662	20.4	0.016399	25.8	0.004329
9.7	0.024456	15.1	0.038112	20.5	0.016033	25.9	0.004184
9.8	0.025356	15.2	0.037716	20.6	0.015682	26	0.004062
9.9	0.026195	15.3	0.0378	20.7	0.015606	26.1	0.00391
10	0.02676	15.4	0.037281	20.8	0.015125	26.2	0.003864
10.1	0.027172	15.5	0.037395	20.9	0.014538	26.3	0.003559
10.2	0.02811	15.6	0.036983	21	0.014484	26.4	0.003498
10.3	0.028713	15.7	0.036541	21.1	0.014065	26.5	0.003551
10.4	0.029148	15.8	0.036434	21.2	0.013706	26.6	0.003368
10.5	0.029789	15.9	0.03593	21.3	0.01353	26.7	0.00304
10.6	0.030613	16	0.03561	21.4	0.012928	26.8	0.003223
10.7	0.030956	16.1	0.035549	21.5	0.01263	26.9	0.003185
10.8	0.031803	16.2	0.034778	21.6	0.012424	27	0.002842
10.9	0.032436	16.3	0.034473	21.7	0.012203	27.1	0.003032
11	0.032718	16.4	0.034321	21.8	0.012165	27.2	0.002979
11.1	0.033191	16.5	0.033664	21.9	0.01144	27.3	0.00272
11.2	0.033909	16.6	0.033497	22	0.011295	27.4	0.002651

33	0.000446
33.1	0.00037
	0

Run A1.0-2.0

Input Signal			
Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.005555
0.1	0.000854	5.5	0.005127
0.2	0.015351	5.6	0.004441
0.3	0.05085	5.7	0.00428
0.4	0.096932	5.8	0.003815
0.5	0.140633	5.9	0.003136
0.6	0.177452	6	0.002816
0.7	0.2062	6.1	0.002678
0.8	0.227211	6.2	0.002518
0.9	0.239685	6.3	0.002175
1	0.242073	6.4	0.002014
1.1	0.235054	6.5	0.001496
1.2	0.220688	6.6	0.001358
1.3	0.202118	6.7	0.001068
1.4	0.181023	6.8	0.001175
1.5	0.160813	6.9	0.000985
1.6	0.141487	7	0.000641
1.7	0.124558	7.1	0.000634
1.8	0.10997	7.2	0.000435
1.9	0.097641	7.3	0.000275
2	0.087357	7.4	0
2.1	0.078644		
2.2	0.07132		
2.3	0.065262		
2.4	0.059876		
2.5	0.054795		
2.6	0.050667		
2.7	0.046875		
2.8	0.04364		
2.9	0.040413		
3	0.0374		
3.1	0.034806		
3.2	0.032029		
3.3	0.029816		
3.4	0.027634		
3.5	0.025597		
3.6	0.023545		
3.7	0.02153		
3.8	0.020066		
3.9	0.018799		
4	0.017037		
4.1	0.016014		
4.2	0.014923		
4.3	0.013657		
4.4	0.012703		
4.5	0.011658		
4.6	0.010689		
4.7	0.010033		
4.8	0.009316		
4.9	0.008759		
5	0.007904		
5.1	0.007386		
5.2	0.006493		
5.3	0.005982		

Output Signal				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
4.5	0	9.9	0.039429	15.3	0.021645	20.7	0.005989
4.6	0.001579	10	0.039574	15.4	0.021233	20.8	0.005562
4.7	0.002167	10.1	0.039726	15.5	0.020676	20.9	0.005493
4.8	0.002869	10.2	0.039688	15.6	0.020462	21	0.005211
4.9	0.003708	10.3	0.039803	15.7	0.020073	21.1	0.005196
5	0.004349	10.4	0.03968	15.8	0.019585	21.2	0.005211
5.1	0.005409	10.5	0.039803	15.9	0.019073	21.3	0.004822
5.2	0.005959	10.6	0.039711	16	0.018417	21.4	0.004791
5.3	0.007172	10.7	0.039726	16.1	0.018166	21.5	0.004578
5.4	0.008492	10.8	0.039558	16.2	0.018005	21.6	0.004547
5.5	0.009537	10.9	0.039284	16.3	0.017441	21.7	0.004425
5.6	0.010529	11	0.039246	16.4	0.017059	21.8	0.004433
5.7	0.011711	11.1	0.039146	16.5	0.016541	21.9	0.004295
5.8	0.01268	11.2	0.039032	16.6	0.016037	22	0.004036
5.9	0.013702	11.3	0.038742	16.7	0.015976	22.1	0.004066
6	0.014709	11.4	0.038536	16.8	0.015472	22.2	0.004044
6.1	0.015884	11.5	0.038185	16.9	0.015099	22.3	0.003853
6.2	0.016899	11.6	0.038094	17	0.014862	22.4	0.003929
6.3	0.01812	11.7	0.037772	17.1	0.014267	22.5	0.003792
6.4	0.019012	11.8	0.037384	17.2	0.013908	22.6	0.003304
6.5	0.019867	11.9	0.037102	17.3	0.013611	22.7	0.003654
6.6	0.020821	12	0.036812	17.4	0.013069	22.8	0.003487
6.7	0.021576	12.1	0.036423	17.5	0.013008	22.9	0.00341
6.8	0.02272	12.2	0.035927	17.6	0.01268	23	0.003342
6.9	0.023567	12.3	0.035629	17.7	0.01223	23.1	0.00309
7	0.024376	12.4	0.035385	17.8	0.011818	23.2	0.003448
7.1	0.025368	12.5	0.034821	17.9	0.011719	23.3	0.003235
7.2	0.025963	12.6	0.034546	18	0.011436	23.4	0.00296
7.3	0.026917	12.7	0.034027	18.1	0.011292	23.5	0.002914
7.4	0.027557	12.8	0.033653	18.2	0.01091	23.6	0.002823
7.5	0.028419	12.9	0.033142	18.3	0.010765	23.7	0.002663
7.6	0.029121	13	0.032814	18.4	0.010262	23.8	0.002823
7.7	0.030022	13.1	0.032211	18.5	0.010056	23.9	0.002556
7.8	0.030647	13.2	0.031654	18.6	0.009811	24	0.002563
7.9	0.031487	13.3	0.031609	18.7	0.009514	24.1	0.002464
8	0.032104	13.4	0.030891	18.8	0.009308	24.2	0.002502
8.1	0.032753	13.5	0.03054	18.9	0.009041	24.3	0.00248
8.2	0.03344	13.6	0.030067	19	0.008774	24.4	0.002602
8.3	0.034149	13.7	0.02961	19.1	0.00872	24.5	0.002327
8.4	0.034744	13.8	0.028801	19.2	0.008392	24.6	0.002426
8.5	0.035378	13.9	0.028717	19.3	0.008278	24.7	0.002434
8.6	0.035568	14	0.028099	19.4	0.008125	24.8	0.002121
8.7	0.036209	14.1	0.027756	19.5	0.007797	24.9	0.002243
8.8	0.036545	14.2	0.026833	19.6	0.007675	25	0.001991
8.9	0.037109	14.3	0.026474	19.7	0.007477	25.1	0.001999
9	0.0373	14.4	0.026291	19.8	0.007187	25.2	0.002098
9.1	0.03772	14.5	0.025734	19.9	0.007072	25.3	0.001678
9.2	0.037979	14.6	0.025108	20	0.006828	25.4	0.001884
9.3	0.038177	14.7	0.024666	20.1	0.006828	25.5	0.00206
9.4	0.038612	14.8	0.02433	20.2	0.006523	25.6	0.001877
9.5	0.038719	14.9	0.023788	20.3	0.006401	25.7	0.001694
9.6	0.038834	15	0.023262	20.4	0.006302	25.8	0.001999
9.7	0.039177	15.1	0.022896	20.5	0.005989	25.9	0.001785
9.8	0.039436	15.2	0.022469	20.6	0.006065	26	0.001755

Run B0.25-0.5

Input Signal				Output Signal				Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	27	0.001785	8.5	0	35.5	0.02412	62.5	0.004313	89.5	0.001173
0.5	0.000091	27.5	0.001548	9	0.000459	36	0.023135	63	0.004202	90	0.001144
1	0.000247	28	0.001345	9.5	0.001511	36.5	0.021913	63.5	0.004101	90.5	0.001112
1.5	0.000987	28.5	0.001184	10	0.004101	37	0.020891	64	0.003983	91	0.001099
2	0.002791	29	0.001057	10.5	0.008112	37.5	0.02015	64.5	0.003841	91.5	0.001099
2.5	0.005762	29.5	0.000945	11	0.013498	38	0.019329	65	0.003729	92	0.001081
3	0.009681	30	0.000849	11.5	0.01985	38.5	0.018667	65.5	0.003615	92.5	0.001041
3.5	0.014108	30.5	0.000761	12	0.026832	39	0.01804	66	0.003527	93	0.001017
4	0.018658	31	0.000689	12.5	0.03398	39.5	0.017406	66.5	0.003446	93.5	0.001003
4.5	0.022904	31.5	0.000629	13	0.040266	40	0.016782	67	0.003372	94	0.000996
5	0.028411	32	0.000578	13.5	0.046402	40.5	0.016216	67.5	0.003284	94.5	0.000978
5.5	0.029088	32.5	0.000533	14	0.052229	41	0.015604	68	0.003191	95	0.000962
6	0.030885	33	0.000495	14.5	0.056952	41.5	0.015105	68.5	0.003106	95.5	0.000948
6.5	0.031816	33.5	0.00046	15	0.062162	42	0.014677	69	0.003004	96	0.000934
7	0.032058	34	0.000436	15.5	0.064752	42.5	0.014242	69.5	0.002931	96.5	0.000917
7.5	0.031857	34.5	0.000409	16	0.066902	43	0.013885	70	0.002862	97	0.000901
8	0.031378	35	0	16.5	0.069214	43.5	0.013361	70.5	0.002792	97.5	0.000886
8.5	0.030664			17	0.071024	44	0.012839	71	0.002735	98	0.00087
9	0.029769			17.5	0.071728	44.5	0.012529	71.5	0.002651	98.5	0.000857
9.5	0.028925			18	0.072189	45	0.01224	72	0.002575	99	0.00085
10	0.028043			18.5	0.071997	45.5	0.01187	72.5	0.00252	99.5	0.000822
10.5	0.027108			19	0.072042	46	0.011385	73	0.002468	100	0.000811
11	0.026183			19.5	0.072016	46.5	0.011061	73.5	0.002395	100.5	0.000804
11.5	0.025259			20	0.071685	47	0.010758	74	0.002307	101	0.000792
12	0.024417			20.5	0.071071	47.5	0.010504	74.5	0.002251	101.5	0.000778
12.5	0.023683			21	0.069711	48	0.010224	75	0.002205	102	0.000757
13	0.023002			21.5	0.068066	48.5	0.009897	75.5	0.002172	102.5	0.000734
13.5	0.02233			22	0.066227	49	0.009578	76	0.002125	103	0.000729
14	0.021632			22.5	0.064372	49.5	0.00925	76.5	0.002073	103.5	0.00074
14.5	0.020747			23	0.062964	50	0.008956	77	0.002015	104	0.000733
15	0.019583			23.5	0.06175	50.5	0.00869	77.5	0.001964	104.5	0.00073
15.5	0.018413			24	0.060097	51	0.008456	78	0.001901	105	0.00071
16	0.017224			24.5	0.058086	51.5	0.008202	78.5	0.00186	105.5	0.000695
16.5	0.01609			25	0.056175	52	0.007986	79	0.001824	106	0.000676
17	0.015011			25.5	0.054251	52.5	0.007758	79.5	0.001777	106.5	0.000663
17.5	0.013988			26	0.052386	53	0.007455	80	0.001742	107	0.000667
18	0.012963			26.5	0.051235	53.5	0.007267	80.5	0.001698	107.5	0.000661
18.5	0.011956			27	0.049043	54	0.007112	81	0.00165	108	0.000651
19	0.010952			27.5	0.046814	54.5	0.006961	81.5	0.001624	108.5	0.000649
19.5	0.010032			28	0.045177	55	0.006677	82	0.001595	109	0.000646
20	0.009171			28.5	0.043543	55.5	0.006448	82.5	0.001572	109.5	0.000613
20.5	0.008352			29	0.042146	56	0.006283	83	0.001534	110	0.00061
21	0.00756			29.5	0.040376	56.5	0.006124	83.5	0.001473	110.5	0.000616
21.5	0.006802			30	0.038688	57	0.005975	84	0.001444	111	0.000605
22	0.006089			30.5	0.036889	57.5	0.005802	84.5	0.001421	111.5	0.000571
22.5	0.005418			31	0.035284	58	0.005606	85	0.001406	112	0.000562
23	0.004828			31.5	0.033746	58.5	0.005431	85.5	0.001377	112.5	0.000567
23.5	0.004295			32	0.032255	59	0.005249	86	0.001347	113	0.000575
24	0.003809			32.5	0.030885	59.5	0.005107	86.5	0.00131	113.5	0.000563
24.5	0.003373			33	0.029742	60	0.004959	87	0.001265	114	0.000565
25	0.002976			33.5	0.028654	60.5	0.004828	87.5	0.001247	114.5	0.000544
25.5	0.002624			34	0.027483	61	0.004697	88	0.001223	115	0.000534
26	0.002315			34.5	0.026239	61.5	0.004603	88.5	0.001205	115.5	0.000521
26.5	0.002021			35	0.025072	62	0.004469	89	0.001187	116	0.000533

Run B0.25-0.75

Input Signal				Output Signal				Output Signal (continued)							
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	13.5	0.009621	5	0	18.75	0.050739	32.5	0.009389	46.25	0.003205	60	0.001319	73.75	0.000682
0.25	0.000109	13.75	0.009091	5.25	0.000366	19	0.049022	32.75	0.009092	46.5	0.003148	60.25	0.001295	74	0.00067
0.5	0.000127	14	0.008548	5.5	0.00041	19.25	0.047541	33	0.008906	46.75	0.003091	60.5	0.001273	74.25	0.000664
0.75	0.000247	14.25	0.008011	5.75	0.000922	19.5	0.046065	33.25	0.008745	47	0.003032	60.75	0.001261	74.5	0.000657
1	0.000643	14.5	0.007501	6	0.002726	19.75	0.044449	33.5	0.008508	47.25	0.002961	61	0.001246	74.75	0.000655
1.25	0.001542	14.75	0.007036	6.25	0.006511	20	0.042883	33.75	0.008349	47.5	0.002914	61.25	0.001233	75	0.000648
1.5	0.003157	15	0.006599	6.5	0.011942	20.25	0.041238	34	0.008185	47.75	0.002861	61.5	0.001214	75.25	0.000641
1.75	0.005528	15.25	0.006194	6.75	0.018853	20.5	0.039692	34.25	0.008025	48	0.002815	61.75	0.001193	75.5	0.000627
2	0.008569	15.5	0.005799	7	0.027231	20.75	0.038439	34.5	0.007833	48.25	0.002766	62	0.001174	75.75	0.000617
2.25	0.012038	15.75	0.005411	7.25	0.036167	21	0.03715	34.75	0.00766	48.5	0.002724	62.25	0.001161	76	0.000605
2.5	0.015705	16	0.005036	7.5	0.046227	21.25	0.03602	35	0.007487	48.75	0.002689	62.5	0.001147	76.25	0.000607
2.75	0.019472	16.25	0.004672	7.75	0.055794	21.5	0.034715	35.25	0.007326	49	0.002657	62.75	0.001132	76.5	0.000613
3	0.023977	16.5	0.004327	8	0.064573	21.75	0.033487	35.5	0.007168	49.25	0.002595	63	0.001129	76.75	0.000605
3.25	0.027566	16.75	0.004002	8.25	0.072166	22	0.032326	35.75	0.007012	49.5	0.002543	63.25	0.001104	77	0.000596
3.5	0.030842	17	0.00369	8.5	0.078928	22.25	0.031105	36	0.006884	49.75	0.002498	63.5	0.001077	77.25	0.000591
3.75	0.033608	17.25	0.003408	8.75	0.085217	22.5	0.029965	36.25	0.006785	50	0.002457	63.75	0.001051	77.5	0.000585
4	0.03569	17.5	0.003152	9	0.091228	22.75	0.028916	36.5	0.006662	50.25	0.002427	64	0.001036	77.75	0.000594
4.25	0.037108	17.75	0.002903	9.25	0.096938	23	0.02784	36.75	0.006532	50.5	0.002408	64.25	0.001041	78	0.000579
4.5	0.037837	18	0.002681	9.5	0.099918	23.25	0.02691	37	0.006405	50.75	0.002359	64.5	0.001044	78.25	0.00057
4.75	0.03795	18.25	0.002474	9.75	0.102245	23.5	0.025885	37.25	0.006275	51	0.002299	64.75	0.00103	78.5	0.000572
5	0.037652	18.5	0.002268	10	0.10326	23.75	0.024979	37.5	0.006152	51.25	0.00224	65	0.001013	78.75	0.000559
5.25	0.036994	18.75	0.002087	10.25	0.103455	24	0.02418	37.75	0.006036	51.5	0.00221	65.25	0.000999	79	0.000554
5.5	0.036127	19	0.001926	10.5	0.10366	24.25	0.023431	38	0.005922	51.75	0.0022	65.5	0.000985	79.25	0.000559
5.75	0.035052	19.25	0.001771	10.75	0.103404	24.5	0.022678	38.25	0.005825	52	0.002165	65.75	0.00096	79.5	0.000543
6	0.033818	19.5	0.001631	11	0.103058	24.75	0.021893	38.5	0.00568	52.25	0.002129	66	0.000946	79.75	0.000547
6.25	0.032452	19.75	0.001505	11.25	0.102353	25	0.021108	38.75	0.005527	52.5	0.002099	66.25	0.000934	80	0.000549
6.5	0.031112	20	0.001386	11.5	0.101523	25.25	0.020432	39	0.005426	52.75	0.002074	66.5	0.00093	80.25	0.000538
6.75	0.029807	20.25	0.001282	11.75	0.100656	25.5	0.019798	39.25	0.00534	53	0.002045	66.75	0.000912	80.5	0.000537
7	0.028538	20.5	0.001176	12	0.09965	25.75	0.019204	39.5	0.005254	53.25	0.001991	67	0.000911	80.75	0.000529
7.25	0.027408	20.75	0.001084	12.25	0.097936	26	0.01864	39.75	0.005169	53.5	0.001954	67.25	0.000902	81	0.00053
7.5	0.026316	21	0.001008	12.5	0.096476	26.25	0.017964	40	0.005047	53.75	0.001924	67.5	0.00089	81.25	0.000524
7.75	0.025332	21.25	0.000932	12.75	0.094658	26.5	0.017344	40.25	0.00497	54	0.001899	67.75	0.000876	81.5	0.000519
8	0.024372	21.5	0.000871	13	0.093093	26.75	0.016791	40.5	0.004877	54.25	0.001856	68	0.000859	81.75	0.000513
8.25	0.023432	21.75	0.000812	13.25	0.091937	27	0.016331	40.75	0.004777	54.5	0.001831	68.25	0.000851	82	0.000504
8.5	0.022574	22	0.000752	13.5	0.090447	27.25	0.015971	41	0.004682	54.75	0.001803	68.5	0.000852	82.25	0.000491
8.75	0.021775	22.25	0.000704	13.75	0.088591	27.5	0.015516	41.25	0.004601	55	0.001783	68.75	0.000842	82.5	0.00049
9	0.02108	22.5	0.000649	14	0.086362	27.75	0.015076	41.5	0.004521	55.25	0.001754	69	0.00084	82.75	0.000497
9.25	0.020203	22.75	0.000603	14.25	0.083755	28	0.014679	41.75	0.004416	55.5	0.001727	69.25	0.000823	83	0.000505
9.5	0.019494	23	0.000566	14.5	0.081902	28.25	0.01426	42	0.00432	55.75	0.001698	69.5	0.000795	83.25	0.000505
9.75	0.018745	23.25	0.000532	14.75	0.080416	28.5	0.013847	42.25	0.004254	56	0.001685	69.75	0.000786	83.5	0.000483
10	0.017992	23.5	0.0005	15	0.078783	28.75	0.013437	42.5	0.004173	56.25	0.001663	70	0.000775	83.75	0.00048
10.25	0.017269	23.75	0.000473	15.25	0.077204	29	0.013056	42.75	0.004117	56.5	0.001635	70.25	0.000776	84	0.000478
10.5	0.016596	24	0.000442	15.5	0.075163	29.25	0.012726	43	0.004038	56.75	0.001611	70.5	0.000779	84.25	0.000465
10.75	0.015978	24.25	0.000425	15.75	0.073153	29.5	0.012404	43.25	0.003952	57	0.001581	70.75	0.000776	84.5	0.000464
11	0.0154	24.5	0.000405	16	0.071244	29.75	0.012088	43.5	0.003892	57.25	0.001542	71	0.000765	84.75	0.00046
11.25	0.01483	24.75	0	16.25	0.069007	30	0.011838	43.75	0.003815	57.5	0.001506	71.25	0.000765	85	0.000458
11.5	0.014269			16.5	0.067029	30.25	0.011539	44	0.003754	57.75	0.001501	71.5	0.000736	85.25	0.000455
11.75	0.013686			16.75	0.065026	30.5	0.01129	44.25	0.003698	58	0.001491	71.75	0.00073	85.5	0.000455
12	0.013112			17	0.062936	30.75	0.010988	44.5	0.003625	58.25	0.00147	72	0.000719	85.75	0.000457
12.25	0.012521			17.25	0.061254	31	0.010699	44.75	0.00354	58.5	0.001444	72.25	0.000708	86	0.000452
12.5	0.011998			17.5	0.059234	31.25	0.010462	45	0.003444	58.75	0.001418	72.5	0.000719	86.25	0.000441
12.75	0.011291			17.75	0.05762	31.5	0.010216	45.25	0.003377	59	0.001402	72.75	0.000705	86.5	0.000441
13	0.010725			18	0.05613	31.75	0.01002	45.5	0.003348	59.25	0.001376	73	0.00069	86.75	0.000438
13.25	0.010177			18.25	0.054324	32	0.009849	45.75	0.003316	59.5	0.001344	73.25	0.000679	87	0.000445
				18.5	0.052446	32.25	0.009637	46	0.003277	59.75	0.001332	73.5	0.000676	87.25	0.000447

Run B0.25-1.0

Input Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.023417	10.8	0.005557
0.1	0.000188	5.5	0.022697	10.9	0.005382
0.2	0.000225	5.6	0.022019	11	0.005215
0.3	0.000343	5.7	0.021382	11.1	0.00505
0.4	0.000601	5.8	0.02077	11.2	0.004878
0.5	0.001052	5.9	0.020189	11.3	0.004717
0.6	0.001755	6	0.019616	11.4	0.004565
0.7	0.00275	6.1	0.019061	11.5	0.00441
0.8	0.004082	6.2	0.018514	11.6	0.004265
0.9	0.005742	6.3	0.017997	11.7	0.004127
1	0.007729	6.4	0.017505	11.8	0.003972
1.1	0.010048	6.5	0.017027	11.9	0.003832
1.2	0.012655	6.6	0.016584	12	0.003696
1.3	0.015542	6.7	0.016166	12.1	0.003561
1.4	0.020952	6.8	0.01577	12.2	0.003431
1.5	0.024366	6.9	0.015387	12.3	0.003303
1.6	0.027845	7	0.015032	12.4	0.003174
1.7	0.031324	7.1	0.014691	12.5	0.003046
1.8	0.034698	7.2	0.014372	12.6	0.002932
1.9	0.037887	7.3	0.014064	12.7	0.002816
2	0.040792	7.4	0.013762	12.8	0.002711
2.1	0.043383	7.5	0.013459	12.9	0.002599
2.2	0.045602	7.6	0.013182	13	0.0025
2.3	0.04744	7.7	0.012896	13.1	0.002402
2.4	0.048872	7.8	0.012618	13.2	0.002307
2.5	0.049962	7.9	0.012357	13.3	0.002222
2.6	0.050707	8	0.012083	13.4	0.002135
2.7	0.051084	8.1	0.011819	13.5	0.002046
2.8	0.051195	8.2	0.011555	13.6	0.001918
2.9	0.051027	8.3	0.01128	13.7	0.001832
3	0.0506	8.4	0.010996	13.8	0.001759
3.1	0.049935	8.5	0.01073	13.9	0.001683
3.2	0.049131	8.6	0.010476	14	0.001622
3.3	0.048155	8.7	0.010226	14.1	0.001561
3.4	0.047011	8.8	0.009976	14.2	0.0015
3.5	0.045799	8.9	0.009716	14.3	0.001438
3.6	0.044513	9	0.009452	14.4	0.001391
3.7	0.043159	9.1	0.009203	14.5	0.00134
3.8	0.041774	9.2	0.008952	14.6	0.001289
3.9	0.040383	9.3	0.008703	14.7	0.001238
4	0.039004	9.4	0.008458	14.8	0.001189
4.1	0.037647	9.5	0.00822	14.9	0.001151
4.2	0.036307	9.6	0.007989	15	0.001106
4.3	0.035002	9.7	0.007758	15.1	0.001074
4.4	0.033747	9.8	0.007538	15.2	0.001028
4.5	0.032493	9.9	0.0073	15.3	0.000984
4.6	0.03129	10	0.007113	15.4	0.000951
4.7	0.030132	10.1	0.00691	15.5	0.000898
4.8	0.028978	10.2	0.006712	15.6	0.00088
4.9	0.027899	10.3	0.006494	15.7	0.000845
5	0.026894	10.4	0.006297	15.8	0.000821
5.1	0.02583	10.5	0.006103	15.9	0.000787
5.2	0.025027	10.6	0.005916	16	0.000761
5.3	0.024191	10.7	0.005736	16.1	0.000733

Output Signal					
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
3.5	0	8.9	0.105743	14.3	0.05145
3.6	0.000267	9	0.105076	14.4	0.050596
3.7	0.000321	9.1	0.104355	14.5	0.049687
3.8	0.000471	9.2	0.103537	14.6	0.04881
3.9	0.000812	9.3	0.102292	14.7	0.047909
4	0.001432	9.4	0.101257	14.8	0.046972
4.1	0.002426	9.5	0.100211	14.9	0.046053
4.2	0.003833	9.6	0.099822	15	0.045125
4.3	0.005681	9.7	0.099099	15.1	0.044239
4.4	0.008098	9.8	0.098719	15.2	0.043235
4.5	0.010971	9.9	0.098032	15.3	0.042439
4.6	0.014204	10	0.097103	15.4	0.041707
4.7	0.01786	10.1	0.096033	15.5	0.040581
4.8	0.021471	10.2	0.095038	15.6	0.039809
4.9	0.025133	10.3	0.094117	15.7	0.039096
5	0.029094	10.4	0.093256	15.8	0.038273
5.1	0.033242	10.5	0.092444	15.9	0.03764
5.2	0.037764	10.6	0.091524	16	0.036901
5.3	0.042387	10.7	0.090381	16.1	0.036225
5.4	0.047429	10.8	0.089047	16.2	0.035514
5.5	0.052822	10.9	0.087812	16.3	0.034839
5.6	0.057219	11	0.086611	16.4	0.034206
5.7	0.061931	11.1	0.085805	16.5	0.033496
5.8	0.06627	11.2	0.084735	16.6	0.032862
5.9	0.070644	11.3	0.08357	16.7	0.032187
6	0.074483	11.4	0.082318	16.8	0.03158
6.1	0.078478	11.5	0.080952	16.9	0.030958
6.2	0.081697	11.6	0.079852	17	0.030408
6.3	0.085042	11.7	0.078761	17.1	0.029839
6.4	0.087568	11.8	0.077733	17.2	0.029324
6.5	0.090046	11.9	0.076525	17.3	0.028765
6.6	0.092219	12	0.075682	17.4	0.028239
6.7	0.094463	12.1	0.074576	17.5	0.027711
6.8	0.096693	12.2	0.073599	17.6	0.027132
6.9	0.098448	12.3	0.072316	17.7	0.026609
7	0.100136	12.4	0.071102	17.8	0.026009
7.1	0.100992	12.5	0.069971	17.9	0.025529
7.2	0.102025	12.6	0.068938	18	0.024982
7.3	0.102878	12.7	0.067918	18.1	0.02457
7.4	0.104138	12.8	0.06677	18.2	0.02407
7.5	0.104949	12.9	0.065802	18.3	0.023732
7.6	0.106112	13	0.064647	18.4	0.023305
7.7	0.106965	13.1	0.063726	18.5	0.022915
7.8	0.107452	13.2	0.062685	18.6	0.022521
7.9	0.10757	13.3	0.061811	18.7	0.022095
8	0.10727	13.4	0.060731	18.8	0.021689
8.1	0.107273	13.5	0.059733	18.9	0.021288
8.2	0.107305	13.6	0.057848	19	0.020909
8.3	0.107603	13.7	0.056618	19.1	0.020498
8.4	0.10747	13.8	0.055423	19.2	0.020155
8.5	0.107264	13.9	0.05466	19.3	0.01976
8.6	0.106898	14	0.053712	19.4	0.019452
8.7	0.106426	14.1	0.053031	19.5	0.019049
8.8	0.106078	14.2	0.052189	19.6	0.018707
				25	0.008383
				30.3	0.004652
				35.8	0.004602
				30.5	0.004564
				30.6	0.004518
				30.7	0.00448
				30.8	0.004422
				30.9	0.004371
				31	0.004325
				31.1	0.004263
				31.2	0.004229
				31.3	0.004184
				31.4	0.004162
				31.5	0.004114
				31.6	0.004088
				31.7	0.004044
				31.8	0.004012
				31.9	0.00398
				32	0.003928
				32.1	0.003892
				32.2	0.003848
				32.3	0.003814
				32.4	0.003769
				32.5	0.003739
				32.6	0.003698
				32.7	0.00366
				32.8	0.003619
				32.9	0.003589
				33	0.003553
				33.1	0.003509
				33.2	0.003479
				33.3	0.003437
				33.4	0.003407
				33.5	0.003369
				33.6	0.003352
				33.7	0.003309
				33.8	0.00329
				33.9	0.003262
				34	0.003241
				34.1	0.003208
				34.2	0.003167
				34.3	0.003141
				34.4	0.003102
				34.5	0.003084
				34.6	0.003047
				34.7	0.003022
				34.8	0.002992
				34.9	0.00297
				35	0.002946
				35.1	0.002918
				35.2	0.002886
				35.3	0.00285
				35.4	0.002823
				35.5	0.002786
				35.6	0.002766
				35.7	0.002733
				35.8	0.002724

Output Signal (continued)				Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
35.9	0.002696	41.3	0.001696	46.7	0.001103	52.1	0.000753
36	0.00268	41.4	0.001671	46.8	0.001096	52.2	0.000758
36.1	0.002657	41.5	0.001654	46.9	0.001081	52.3	0.000761
36.2	0.002636	41.6	0.001635	47	0.001079	52.4	0.000752
36.3	0.002603	41.7	0.001631	47.1	0.001071	52.5	0.00076
36.4	0.002582	41.8	0.001612	47.2	0.001062	52.6	0.000753
36.5	0.002554	41.9	0.001589	47.3	0.001059	52.7	0.000753
36.6	0.002536	42	0.001582	47.4	0.001045	52.8	0.000736
36.7	0.002515	42.1	0.001567	47.5	0.001044	52.9	0.000724
36.8	0.002489	42.2	0.001555	47.6	0.001031	53	0.000719
36.9	0.002476	42.3	0.001545	47.7	0.001033	53.1	0.000712
37	0.002457	42.4	0.001542	47.8	0.001016	53.2	0.000719
37.1	0.002429	42.5	0.001525	47.9	0.001015	53.3	0.00071
37.2	0.002406	42.6	0.001521	48	0.001012	53.4	0.000705
37.3	0.002392	42.7	0.001511	48.1	0.001008	53.5	0.000709
37.4	0.002365	42.8	0.001498	48.2	0.000996	53.6	0.000704
37.5	0.002337	42.9	0.001482	48.3	0.000993	53.7	0.000707
37.6	0.002318	43	0.001468	48.4	0.000981	53.8	0.000701
37.7	0.002287	43.1	0.001456	48.5	0.000961	53.9	0.000703
37.8	0.002275	43.2	0.001439	48.6	0.00095	54	0.000698
37.9	0.002247	43.3	0.001421	48.7	0.000945	54.1	0.000693
38	0.002237	43.4	0.001408	48.8	0.000944	54.2	0.000695
38.1	0.002215	43.5	0.0014	48.9	0.000942	54.3	0.000688
38.2	0.002197	43.6	0.001399	49	0.000954	54.4	0.000683
38.3	0.002182	43.7	0.001396	49.1	0.000941	54.5	0.000675
38.4	0.002176	43.8	0.00139	49.2	0.000939	54.6	0.000675
38.5	0.002154	43.9	0.001377	49.3	0.000926	54.7	0.000659
38.6	0.002128	44	0.001364	49.4	0.000909	54.8	0.000658
38.7	0.002111	44.1	0.001339	49.5	0.000909	54.9	0.000643
38.8	0.002089	44.2	0.001322	49.6	0.000905	55	0.000645
38.9	0.00207	44.3	0.00131	49.7	0.000896	55.1	0.000642
39	0.002052	44.4	0.001306	49.8	0.00089	55.2	0.000637
39.1	0.002038	44.5	0.001299	49.9	0.000885	55.3	0.000634
39.2	0.002022	44.6	0.001289	50	0.000877	55.4	0.000636
39.3	0.00201	44.7	0.001283	50.1	0.000876	55.5	0.000632
39.4	0.001988	44.8	0.001269	50.2	0.000867	55.6	0.000626
39.5	0.001975	44.9	0.001266	50.3	0.000866	55.7	0.000618
39.6	0.00195	45	0.001256	50.4	0.000851	55.8	0.000623
39.7	0.00193	45.1	0.00125	50.5	0.000848	55.9	0.000621
39.8	0.001908	45.2	0.001237	50.6	0.000832	56	0.000615
39.9	0.001886	45.3	0.001236	50.7	0.000833	56.1	0.000603
40	0.001873	45.4	0.001224	50.8	0.000821	56.2	0.000597
40.1	0.001849	45.5	0.001211	50.9	0.000822	56.3	0.000592
40.2	0.001841	45.6	0.001202	51	0.000824	56.4	0.000597
40.3	0.001827	45.7	0.00119	51.1	0.000813	56.5	0.000591
40.4	0.001817	45.8	0.001185	51.2	0.000808	56.6	0.000593
40.5	0.001802	45.9	0.001168	51.3	0.000802	56.7	0.000594
40.6	0.001794	46	0.001154	51.4	0.000804	56.8	0.000593
40.7	0.001786	46.1	0.001145	51.5	0.000802	56.9	0.000592
40.8	0.001765	46.2	0.001139	51.6	0.000801	57	0.000587
40.9	0.001751	46.3	0.001125	51.7	0.000789	57.1	0.000579
41	0.001736	46.4	0.001122	51.8	0.000789	57.2	0.000568
41.1	0.001727	46.5	0.001117	51.9	0.000777	57.3	0.000555
41.2	0.001704	46.6	0.001108	52	0.000759	57.4	0.000561

Run B0.25-1.5

Input Signal					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	12.1	0.00547	9.9	0.001545
0.1	0.000115	12.2	0.00053	10	0.001469
0.2	0.000212	12.3	0.000509	10.1	0.001403
0.3	0.000566	12.4	0.000482	10.2	0.001333
0.4	0.001451	12.5	0.000468	10.3	0.00128
0.5	0.004769	12.6	0.000442	10.4	0.001218
0.6	0.007974	12.7	0.000428	10.5	0.001161
0.7	0.016332	12.8	0.000408	10.6	0.00111
0.8	0.021883	12.9	0	10.7	0.001058
0.9	0.032207	5.4	0.00539	10.8	0.001018
1	0.038416	5.5	0.00934	10.9	0.00097
1.1	0.044366	5.6	0.00866	11	0.000914
1.2	0.049787	5.7	0.008372	11.1	0.00087
1.3	0.054489	5.8	0.008072	11.2	0.000828
1.4	0.058273	5.9	0.00778	11.3	0.000789
1.5	0.061084	6	0.007498	11.4	0.000751
1.6	0.06291	6.1	0.007233	11.5	0.000719
1.7	0.063811	6.2	0.006991	11.6	0.000685
1.8	0.063873	6.3	0.006736	11.7	0.000655
1.9	0.063199	6.4	0.006516	11.8	0.000627
2	0.061897	6.5	0.006292	11.9	0.000599
2.1	0.060118	6.6	0.006073	12	0.000574
2.2	0.057905	6.7	0.005855		
2.3	0.055366	6.8	0.005645		
2.4	0.0526	6.9	0.005437		
2.5	0.049681	7	0.00524		
2.6	0.046682	7.1	0.005045		
2.7	0.043687	7.2	0.004865		
2.8	0.040783	7.3	0.004696		
2.9	0.037975	7.4	0.004528		
3	0.035306	7.5	0.00437		
3.1	0.032819	7.6	0.004222		
3.2	0.030505	7.7	0.004072		
3.3	0.028378	7.8	0.003929		
3.4	0.026451	7.9	0.003788		
3.5	0.024687	8	0.003652		
3.6	0.023085	8.1	0.003512		
3.7	0.021623	8.2	0.003377		
3.8	0.020291	8.3	0.00325		
3.9	0.019083	8.4	0.003123		
4	0.017979	8.5	0.002998		
4.1	0.016966	8.6	0.002875		
4.2	0.016055	8.7	0.002755		
4.3	0.015226	8.8	0.00264		
4.4	0.014447	8.9	0.002525		
4.5	0.013733	9	0.002398		
4.6	0.013136	9.1	0.002284		
4.7	0.012555	9.2	0.002193		
4.8	0.012019	9.3	0.002096		
4.9	0.011515	9.4	0.001992		
5	0.011041	9.5	0.001904		
5.1	0.010593	9.6	0.001806		
5.2	0.010165	9.7	0.001713		
5.3	0.009769	9.8	0.001623		

Output Signal					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
1.9	0	7.3	0.085231	12.7	0.019284
2	0.000041	7.4	0.083107	12.8	0.018641
2.1	0.000045	7.5	0.081037	12.9	0.018089
2.2	0.000122	7.6	0.078972	13	0.017544
2.3	0.000615	7.7	0.077005	13.1	0.017079
2.4	0.002089	7.8	0.075092	13.2	0.016629
2.5	0.005112	7.9	0.073239	13.3	0.016174
2.6	0.009881	8	0.071427	13.4	0.015744
2.7	0.016305	8.1	0.06963	13.5	0.015314
2.8	0.024247	8.2	0.067796	13.6	0.014915
2.9	0.033603	8.3	0.066004	13.7	0.014513
3	0.043808	8.4	0.064198	13.8	0.014134
3.1	0.055054	8.5	0.062485	13.9	0.013778
3.2	0.067558	8.6	0.06084	14	0.013398
3.3	0.079858	8.7	0.05928	14.1	0.013034
3.4	0.091974	8.8	0.057786	14.2	0.012668
3.5	0.103464	8.9	0.056242	14.3	0.012336
3.6	0.114019	9	0.054466	14.4	0.012014
3.7	0.123055	9.1	0.05312	14.5	0.011712
3.8	0.130389	9.2	0.051988	14.6	0.011402
3.9	0.13677	9.3	0.050824	14.7	0.011091
4	0.141842	9.4	0.049437	14.8	0.010785
4.1	0.145042	9.5	0.048269	14.9	0.010484
4.2	0.146688	9.6	0.046945	15	0.010211
4.3	0.147489	9.7	0.045693	15.1	0.009909
4.4	0.147743	9.8	0.044394	15.2	0.009683
4.5	0.147312	9.9	0.043207	15.3	0.009476
4.6	0.146348	10	0.042001	15.4	0.009317
4.7	0.144919	10.1	0.040747	15.5	0.009184
4.8	0.143145	10.2	0.03955	15.6	0.009
4.9	0.141261	10.3	0.038446	15.7	0.008795
5	0.139227	10.4	0.037343	15.8	0.008577
5.1	0.137009	10.5	0.036311	15.9	0.008319
5.2	0.1347	10.6	0.035334	16	0.008052
5.3	0.132268	10.7	0.034352	16.1	0.00784
5.4	0.129713	10.8	0.033432	16.2	0.007678
5.5	0.127248	10.9	0.032579	16.3	0.007559
5.6	0.124754	11	0.03149	16.4	0.007433
5.7	0.122189	11.1	0.030623	16.5	0.007269
5.8	0.119684	11.2	0.029777	16.6	0.007093
5.9	0.117168	11.3	0.028929	16.7	0.006944
6	0.114581	11.4	0.028083	16.8	0.006789
6.1	0.11198	11.5	0.027271	16.9	0.006632
6.2	0.109474	11.6	0.0265	17	0.006473
6.3	0.106852	11.7	0.025719	17.1	0.006319
6.4	0.104546	11.8	0.024943	17.2	0.006195
6.5	0.1024	11.9	0.024198	17.3	0.006057
6.6	0.100284	12	0.023488	17.4	0.005945
6.7	0.098168	12.1	0.022825	17.5	0.005859
6.8	0.096088	12.2	0.022199	17.6	0.005776
6.9	0.093976	12.3	0.021635	17.7	0.005685
7	0.091789	12.4	0.021063	17.8	0.005608
7.1	0.089584	12.5	0.020459	17.9	0.005535
7.2	0.087362	12.6	0.019866	18	0.005446

Output Signal (continued)

Output Signal (continued)					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
28.9	0.001931	34.3	0.000798	39.7	0.000429
29	0.001889	34.4	0.000791	39.8	0.000419
29.1	0.001844	34.5	0.000781	39.9	0.000418
29.2	0.001806	34.6	0.000779	40	0.000408
29.3	0.001766	34.7	0.000765	40.1	0.000408
29.4	0.001737	34.8	0.000752	40.2	0.000404
29.5	0.001683	34.9	0.000749	40.3	0
29.6	0.001655	35	0.00073		
29.7	0.001623	35.1	0.000716		
29.8	0.001591	35.2	0.000711		
29.9	0.001562	35.3	0.000704		
30	0.001538	35.4	0.000697		
30.1	0.001509	35.5	0.00069		
30.2	0.00145	35.6	0.000673		
30.3	0.001421	35.7	0.000668		
30.4	0.001394	35.8	0.00066		
30.5	0.001372	35.9	0.000661		
30.6	0.001353	36	0.000647		
30.7	0.001328	36.1	0.00064		
30.8	0.001309	36.2	0.000637		
30.9	0.001294	36.3	0.000619		
31	0.001277	36.4	0.000619		
31.1	0.001257	36.5	0.00061		
31.2	0.001235	36.6	0.000601		
31.3	0.001208	36.7	0.000597		
31.4	0.001194	36.8	0.00059		
31.5	0.001172	36.9	0.000587		
31.6	0.001157	37	0.000578		
31.7	0.001134	37.1	0.000574		
31.8	0.001109	37.2	0.000571		
31.9	0.001087	37.3	0.000572		
32	0.001073	37.4	0.000558		
32.1	0.001056	37.5	0.000546		
32.2	0.001038	37.6	0.000545		
32.3	0.001024	37.7	0.000527		
32.4	0.001016	37.8	0.000523		
32.5	0.001007	37.9	0.000515		
32.6	0.000995	38	0.00051		
32.7	0.000986	38.1	0.000497		
32.8	0.000972	38.2	0.000497		
32.9	0.000956	38.3	0.000496		
33	0.00094	38.4	0.000485		
33.1	0.000924	38.5	0.000486		
33.2	0.000919	38.6	0.000476		
33.3	0.000904	38.7	0.00047		
33.4	0.000891	38.8	0.000476		
33.5	0.00088	38.9	0.000468		
33.6	0.000871	39	0.000457		
33.7	0.000862	39.1	0.000453		
33.8	0.000852	39.2	0.000448		
33.9	0.000837	39.3	0.000444		
34	0.000821	39.4	0.000444		
34.1	0.00081	39.5	0.000433		
34.2	0.000802	39.6	0.000433		

RunB0.25-2.0

Input Signal				Output Signal				Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	5.4	0.006339	0	0	7.6	0.05496	13	0.007217	18.4	0.001812
0.1	0.000411	5.5	0.006078	2.3	0.000342	7.7	0.053396	13.1	0.006986	18.5	0.001784
0.2	0.000412	5.6	0.005829	2.4	0.000089	7.8	0.051384	13.2	0.006777	18.6	0.001756
0.3	0.000464	5.7	0.005608	2.5	0.002412	7.9	0.04944	13.3	0.006559	18.7	0.001736
0.4	0.001051	5.8	0.005367	2.6	0.005472	8	0.047572	13.4	0.006363	18.8	0.001705
0.5	0.003095	5.9	0.005149	2.7	0.009919	8.1	0.045761	13.5	0.006164	18.9	0.001669
0.6	0.006951	6	0.004913	2.8	0.016365	8.2	0.044013	13.6	0.005949	19	0.001621
0.7	0.011911	6.1	0.004682	2.9	0.024834	8.3	0.042304	13.7	0.005745	19.1	0.001592
0.8	0.017745	6.2	0.004456	3	0.034955	8.4	0.040687	13.8	0.005553	19.2	0.001561
0.9	0.023746	6.3	0.004236	3.1	0.046227	8.5	0.039157	13.9	0.005373	19.3	0.001537
1	0.029233	6.4	0.004025	3.2	0.058429	8.6	0.037697	14	0.005195	19.4	0.001513
1.1	0.033355	6.5	0.003814	3.3	0.071588	8.7	0.036321	14.1	0.005025	19.5	0.001484
1.2	0.036035	6.6	0.00361	3.4	0.085686	8.8	0.03499	14.2	0.004878	19.6	0.001464
1.3	0.037715	6.7	0.003421	3.5	0.100027	8.9	0.033688	14.3	0.00475	19.7	0.001439
1.4	0.038466	6.8	0.003253	3.6	0.114025	9	0.032431	14.4	0.004615	19.8	0.001416
1.5	0.038461	6.9	0.003076	3.7	0.126461	9.1	0.031051	14.5	0.004484	19.9	0.001393
1.6	0.037528	7	0.002913	3.8	0.137341	9.2	0.029846	14.6	0.004356	20	0.00137
1.7	0.035966	7.1	0.002758	3.9	0.14645	9.3	0.028678	14.7	0.004231	20.1	0.001349
1.8	0.033982	7.2	0.002615	4	0.157689	9.4	0.027585	14.8	0.004109	20.2	0.00133
1.9	0.031934	7.3	0.002479	4.1	0.161895	9.5	0.026579	14.9	0.003981	20.3	0.001311
2	0.029604	7.4	0.002353	4.2	0.164763	9.6	0.025618	15	0.003867	20.4	0.001292
2.1	0.027615	7.5	0.002231	4.3	0.166345	9.7	0.024677	15.1	0.003772	20.5	0.001266
2.2	0.02582	7.6	0.002102	4.4	0.16692	9.8	0.023757	15.2	0.003684	20.6	0.001232
2.3	0.02426	7.7	0.001991	4.5	0.16681	9.9	0.022875	15.3	0.003604	20.7	0.001217
2.4	0.022827	7.8	0.001895	4.6	0.165722	10	0.022001	15.4	0.003506	20.8	0.001202
2.5	0.021599	7.9	0.001807	4.7	0.163627	10.1	0.021225	15.5	0.003419	20.9	0.001188
2.6	0.020294	8	0.001723	4.8	0.160495	10.2	0.020386	15.6	0.003317	21	0.001178
2.7	0.019291	8.1	0.001651	4.9	0.156695	10.3	0.01959	15.7	0.003226	21.1	0.001164
2.8	0.018437	8.2	0.001584	5	0.152453	10.4	0.018831	15.8	0.003143	21.2	0.001148
2.9	0.017723	8.3	0.001502	5.1	0.148022	10.5	0.018091	15.9	0.003074	21.3	0.00112
3	0.017053	8.4	0.001429	5.2	0.143364	10.6	0.01738	16	0.003006	21.4	0.001101
3.1	0.016271	8.5	0.001354	5.3	0.138422	10.7	0.016712	16.1	0.002955	21.5	0.001079
3.2	0.01547	8.6	0.001301	5.4	0.133375	10.8	0.016072	16.2	0.002888	21.6	0.001073
3.3	0.014822	8.7	0.001246	5.5	0.128251	10.9	0.015471	16.3	0.002811	21.7	0.001053
3.4	0.014384	8.8	0.0012	5.6	0.123315	11	0.014901	16.4	0.00273	21.8	0.001046
3.5	0.01405	8.9	0.001151	5.7	0.118549	11.1	0.014318	16.5	0.002678	21.9	0.001028
3.6	0.013631	9	0.001101	5.8	0.113958	11.2	0.013788	16.6	0.002621	22	0.001009
3.7	0.013154	9.1	0.001057	5.9	0.109517	11.3	0.013282	16.7	0.002569	22.1	0.000997
3.8	0.012621	9.2	0.001026	6	0.105248	11.4	0.012767	16.8	0.002514	22.2	0.000979
3.9	0.012085	9.3	0.000994	6.1	0.101106	11.5	0.012275	16.9	0.002464	22.3	0.000971
4	0.011188	9.4	0.000967	6.2	0.097144	11.6	0.011811	17	0.00241	22.4	0.000968
4.1	0.010727	9.5	0.000939	6.3	0.093289	11.7	0.011386	17.1	0.00235	22.5	0.00096
4.2	0.010347	9.6	0.000917	6.4	0.089582	11.8	0.010983	17.2	0.002285	22.6	0.000933
4.3	0.009971	9.7	0.000893	6.5	0.085992	11.9	0.01058	17.3	0.002246	22.7	0.000914
4.4	0.009625	9.8	0.00087	6.6	0.082561	12	0.010209	17.4	0.002188	22.8	0.000902
4.5	0.009283	9.9	0.000844	6.7	0.079321	12.1	0.009861	17.5	0.00215	22.9	0.000898
4.6	0.00891	10	0.00082	6.8	0.07622	12.2	0.009512	17.6	0.002109	23	0.000892
4.7	0.008538	10.1	0.0008	6.9	0.07319	12.3	0.009167	17.7	0.002072	23.1	0.000883
4.8	0.008184	10.2	0	7	0.07026	12.4	0.008837	17.8	0.002022	23.2	0.000873
4.9	0.007849			7.1	0.067471	12.5	0.008549	17.9	0.001987	23.3	0.000858
5	0.007551			7.2	0.064802	12.6	0.008241	18	0.001946	23.4	0.000847
5.1	0.007281			7.3	0.062299	12.7	0.007955	18.1	0.001922	23.5	0.000832
5.2	0.00698			7.4	0.059954	12.8	0.007706	18.2	0.001884	23.6	0.000824
5.3	0.00664			7.5	0.057692	12.9	0.007448	18.3	0.001853	23.7	0.000816

Run B0.5-0.5

Input Signal		Output Signal				Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	10.5	0	37.5	0.031853	64.5	0.00396	91.5	0.001015
0.5	0.001036	11	0.000353	38	0.030271	65	0.00387	92	0.000996
1	0.004597	11.5	0.000457	38.5	0.028809	65.5	0.003757	92.5	0.000988
1.5	0.011772	12	0.000732	39	0.027456	66	0.003631	93	0.000976
2	0.021696	12.5	0.001369	39.5	0.026185	66.5	0.00351	93.5	0.000958
2.5	0.032457	13	0.002242	40	0.025005	67	0.003409	94	0.000936
3	0.042576	13.5	0.003577	40.5	0.023909	67.5	0.003317	94.5	0.000914
3.5	0.050564	14	0.005302	41	0.022871	68	0.003234	95	0.000889
4	0.055961	14.5	0.00749	41.5	0.021784	68.5	0.003143	95.5	0.000872
4.5	0.058674	15	0.010164	42	0.020778	69	0.003076	96	0.000861
5	0.0588	15.5	0.013151	42.5	0.019855	69.5	0.002994	96.5	0.00085
5.5	0.056569	16	0.016241	43	0.018986	70	0.002916	97	0.000841
6	0.052254	16.5	0.019603	43.5	0.018109	70.5	0.002839	97.5	0.000825
6.5	0.046673	17	0.023363	44	0.017235	71	0.00276	98	0.000814
7	0.041101	17.5	0.027351	44.5	0.016405	71.5	0.002685	98.5	0.000793
7.5	0.036081	18	0.03126	45	0.015756	72	0.002595	99	0.000781
8	0.031761	18.5	0.035231	45.5	0.015162	72.5	0.00251	99.5	0.000776
8.5	0.028157	19	0.039	46	0.014536	73	0.002448	100	0.000761
9	0.025037	19.5	0.042661	46.5	0.01394	73.5	0.002403	100.5	0.000739
9.5	0.022242	20	0.046227	47	0.013339	74	0.002351	101	0.000718
10	0.019731	20.5	0.049364	47.5	0.012785	74.5	0.002283	101.5	0.000703
10.5	0.017629	21	0.052543	48	0.012277	75	0.002216	102	0.000696
11	0.015921	21.5	0.055478	48.5	0.011756	75.5	0.002158	102.5	0.000683
11.5	0.01448	22	0.058249	49	0.011291	76	0.002115	103	0.000675
12	0.013176	22.5	0.06054	49.5	0.010877	76.5	0.00206	103.5	0.000667
12.5	0.011969	23	0.062256	50	0.01045	77	0.002006	104	0.000657
13	0.010934	23.5	0.06377	50.5	0.010097	77.5	0.001963	104.5	0.000644
13.5	0.010084	24	0.065145	51	0.00969	78	0.001913	105	0.000623
14	0.009331	24.5	0.066103	51.5	0.009308	78.5	0.001884	105.5	0.000617
14.5	0.008584	25	0.066411	52	0.008992	79	0.00184	106	0.000611
15	0.007837	25.5	0.066162	52.5	0.008683	79.5	0.001782	106.5	0.000601
15.5	0.007086	26	0.066198	53	0.008356	80	0.001734	107	0.000599
16	0.006328	26.5	0.066321	53.5	0.007991	80.5	0.0017	107.5	0.000586
16.5	0.005671	27	0.065986	54	0.007705	81	0.001662	108	0.000571
17	0.005086	27.5	0.065277	54.5	0.007471	81.5	0.001605	108.5	0.00057
17.5	0.00458	28	0.064194	55	0.007253	82	0.001558	109	0.000557
18	0.004104	28.5	0.062704	55.5	0.007052	82.5	0.001526	109.5	0.000552
18.5	0.003658	29	0.061073	56	0.006831	83	0.001503	110	0.000531
19	0.003236	29.5	0.059625	56.5	0.006576	83.5	0.001473	110.5	0.000519
19.5	0.002832	30	0.058051	57	0.006321	84	0.00144	111	0.000514
20	0.002457	30.5	0.056343	57.5	0.006091	84.5	0.001413	111.5	0.000515
20.5	0.002122	31	0.0546	58	0.005885	85	0.001373	112	0.000515
21	0.001817	31.5	0.0528	58.5	0.005716	85.5	0.001335	112.5	0.000513
21.5	0.001574	32	0.050797	59	0.005546	86	0.001306	113	0.000504
22	0.001382	32.5	0.048843	59.5	0.005388	86.5	0.001277	113.5	0.000487
22.5	0.00121	33	0.047131	60	0.005217	87	0.001243	114	0.000476
23	0.001056	33.5	0.045518	60.5	0.005043	87.5	0.001219	114.5	0.000468
23.5	0.000927	34	0.043752	61	0.004892	88	0.001196	115	0.000465
24	0.000807	34.5	0.041682	61.5	0.004777	88.5	0.001168	115.5	0.000461
24.5	0.000662	35	0.03977	62	0.004651	89	0.00114	116	0.000458
25	0.000625	35.5	0.03807	62.5	0.004478	89.5	0.001119	116.5	0.000453
25.5	0.000489	36	0.036542	63	0.004291	90	0.001104	117	0.000444
26	0.000404	36.5	0.035048	63.5	0.004177	90.5	0.001081	117.5	0.000439
26.5	0	37	0.033445	64	0.004079	91	0.001041	118	0.000447

Run B0.5-0.75

Input Signal			Output Signal			Output Signal (continued)											
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	13.5	0.003704	7.25	0	20.75	0.073212	34.25	0.013925	47.75	0.004734	61.25	0.002207	74.75	0.001389	88.25	0.001074
0.25	0.000134	13.75	0.003435	7.5	0.001014	21	0.0712	34.5	0.013613	48	0.004648	61.5	0.002186	75	0.001378	88.5	0.001066
0.5	0.000506	14	0.003184	7.75	0.001194	21.25	0.069268	34.75	0.013292	48.25	0.004563	61.75	0.002164	75.25	0.001367	88.75	0.001057
0.75	0.001771	14.25	0.002932	8	0.002047	21.5	0.067375	35	0.012979	48.5	0.004477	62	0.002146	75.5	0.00136	89	0.001049
1	0.004532	14.5	0.002685	8.25	0.003201	21.75	0.065488	35.25	0.012654	48.75	0.004403	62.25	0.002132	75.75	0.001357	89.25	0.001041
1.25	0.009245	14.75	0.002439	8.5	0.004809	22	0.063861	35.5	0.012345	49	0.004338	62.5	0.002102	76	0.00135	89.5	0.001041
1.5	0.015815	15	0.002208	8.75	0.007177	22.25	0.062037	35.75	0.012055	49.25	0.004266	62.75	0.002076	76.25	0.00134	89.75	0.001047
1.75	0.023763	15.25	0.002044	9	0.009925	22.5	0.06025	36	0.011752	49.5	0.0042	63	0.002049	76.5	0.001324	90	0.001045
2	0.032428	15.5	0.001878	9.25	0.013251	22.75	0.058507	36.25	0.01148	49.75	0.004148	63.25	0.002032	76.75	0.001314	90.25	0.001044
2.25	0.04096	15.75	0.001729	9.5	0.016945	23	0.056765	36.5	0.011226	50	0.004085	63.5	0.002012	77	0.001302	90.5	0.001036
2.5	0.050441	16	0.001591	9.75	0.02114	23.25	0.055058	36.75	0.010988	50.25	0.004022	63.75	0.002001	77.25	0.001291	90.75	0.00101
2.75	0.057583	16.25	0.001476	10	0.025579	23.5	0.053331	37	0.010755	50.5	0.003951	64	0.001971	77.5	0.001288	91	0.000957
3	0.062034	16.5	0.001256	10.25	0.03018	23.75	0.051672	37.25	0.010532	50.75	0.003889	64.25	0.001947	77.75	0.001284	91.25	0.00102
3.25	0.064774	16.75	0.001153	10.5	0.034841	24	0.04999	37.5	0.010302	51	0.003838	64.5	0.001924	78	0.001278	91.5	0.001036
3.5	0.065819	17	0.001055	10.75	0.039417	24.25	0.048359	37.75	0.010086	51.25	0.003794	64.75	0.001905	78.25	0.001272	91.75	0.001035
3.75	0.065422	17.25	0.000961	11	0.04387	24.5	0.04679	38	0.009859	51.5	0.003739	65	0.001894	78.5	0.00127	92	0.001031
4	0.063529	17.5	0.000886	11.25	0.048111	24.75	0.045275	38.25	0.009646	51.75	0.003675	65.25	0.001875	78.75	0.001263	92.25	0.001022
4.25	0.06065	17.75	0.000826	11.5	0.052193	25	0.043827	38.5	0.00944	52	0.003604	65.5	0.001863	79	0.001256	92.5	0.001021
4.5	0.057016	18	0.000824	11.75	0.056062	25.25	0.042493	38.75	0.009251	52.25	0.00355	65.75	0.001845	79.25	0.001248	92.75	0.001015
4.75	0.052911	18.25	0.00075	12	0.059849	25.5	0.041095	39	0.009067	52.5	0.003496	66	0.001829	79.5	0.001241	93	0.001016
5	0.048624	18.5	0.000676	12.25	0.063345	25.75	0.039689	39.25	0.008872	52.75	0.003461	66.25	0.001816	79.75	0.001233	93.25	0.001008
5.25	0.044351	18.75	0.000599	12.5	0.066782	26	0.038284	39.5	0.008676	53	0.003413	66.5	0.001796	80	0.001229	93.5	0.001002
5.5	0.040187	19	0.000535	12.75	0.070032	26.25	0.036839	39.75	0.008505	53.25	0.00337	66.75	0.001773	80.25	0.001221	93.75	0.001
5.75	0.036369	19.25	0.00049	13	0.073089	26.5	0.035576	40	0.008363	53.5	0.003326	67	0.001753	80.5	0.001222	94	0.000995
6	0.032905	19.5	0.000454	13.25	0.075817	26.75	0.03458	40.25	0.008226	53.75	0.003279	67.25	0.001734	80.75	0.001217	94.25	0.000994
6.25	0.029882	19.75	0.000439	13.5	0.078326	27	0.03343	40.5	0.008061	54	0.003228	67.5	0.001722	81	0.001208	94.5	0.000981
6.5	0.027162	20	0.000417	13.75	0.080691	27.25	0.032339	40.75	0.00789	54.25	0.003178	67.75	0.001706	81.25	0.001201	94.75	0.000939
6.75	0.024803	20.25	0.000403	14	0.083147	27.5	0.031233	41	0.007742	54.5	0.003119	68	0.001696	81.5	0.001193	95	0.000939
7	0.022713	20.5	0	14.25	0.085362	27.75	0.029746	41.25	0.00758	54.75	0.003066	68.25	0.001683	81.75	0.001193	95.25	0.000985
7.25	0.020827			14.5	0.087318	28	0.028826	41.5	0.007425	55	0.003026	68.5	0.001667	82	0.001188	95.5	0.000988
7.5	0.019175			14.75	0.088675	28.25	0.027935	41.75	0.00728	55.25	0.002983	68.75	0.001648	82.25	0.001178	95.75	0.000984
7.75	0.017718			15	0.089656	28.5	0.027096	42	0.007133	55.5	0.00294	69	0.00163	82.5	0.001167	96	0.000981
8	0.015809			15.25	0.090605	28.75	0.026208	42.25	0.00699	55.75	0.002912	69.25	0.001622	82.75	0.001159	96.25	0.000977
8.25	0.014662			15.5	0.091423	29	0.025406	42.5	0.006842	56	0.002879	69.5	0.001615	83	0.001149	96.5	0.000969
8.5	0.013633			15.75	0.092166	29.25	0.024539	42.75	0.006703	56.25	0.002847	69.75	0.001612	83.25	0.001148	96.75	0.000966
8.75	0.012718			16	0.092955	29.5	0.023731	43	0.006583	56.5	0.002806	70	0.001595	83.5	0.001145	97	0.00096
9	0.01191			16.25	0.093306	29.75	0.022986	43.25	0.006465	56.75	0.002765	70.25	0.001574	83.75	0.001142	97.25	0.000962
9.25	0.011187			16.5	0.093564	30	0.022288	43.5	0.00637	57	0.002733	70.5	0.001555	84	0.001143	97.5	0.000956
9.5	0.010513			16.75	0.093485	30.25	0.021621	43.75	0.006267	57.25	0.002701	70.75	0.001542	84.25	0.001143	97.75	0.000951
9.75	0.009891			17	0.093076	30.5	0.021004	44	0.006151	57.5	0.002671	71	0.001529	84.5	0.001139	98	0.000945
10	0.009343			17.25	0.092502	30.75	0.02039	44.25	0.006033	57.75	0.002625	71.25	0.001521	84.75	0.00113	98.25	0.000945
10.25	0.008867			17.5	0.091863	31	0.019813	44.5	0.005921	58	0.002587	71.5	0.001518	85	0.001119	98.5	0.000945
10.5	0.008406			17.75	0.090755	31.25	0.019264	44.75	0.005814	58.25	0.002551	71.75	0.001512	85.25	0.001112	98.75	0.000948
10.75	0.007942			18	0.089896	31.5	0.018691	45	0.005728	58.5	0.002517	72	0.001501	85.5	0.001109	99	0.000944
11	0.007439			18.25	0.088812	31.75	0.018136	45.25	0.005623	58.75	0.002486	72.25	0.001489	85.75	0.001106	99.25	0.000946
11.25	0.006937			18.5	0.087598	32	0.017611	45.5	0.005512	59	0.002461	72.5	0.001479	86	0.001103	99.5	0.000947
11.5	0.006463			18.75	0.086384	32.25	0.017146	45.75	0.005402	59.25	0.002431	72.75	0.001462	86.25	0.001099	99.75	0.000943
11.75	0.006002			19	0.08508	32.5	0.016722	46	0.005305	59.5	0.002411	73	0.00145	86.5	0.001096	100	0.000942
12	0.005586			19.25	0.083611	32.75	0.01631	46.25	0.005204	59.75	0.002379	73.25	0.00144	86.75	0.001092	100.25	0.000943
12.25	0.005199			19.5	0.081957	33	0.015886	46.5	0.005117	60	0.002355	73.5	0.00143	87	0.001082	100.5	0.000943
12.5	0.004844			19.75	0.080152	33.25	0.015424	46.75	0.005039	60.25	0.002325	73.75	0.001419	87.25	0.001079	100.75	0.000941
12.75	0.004532			20	0.078411	33.5	0.014989	47	0.004972	60.5	0.002302	74	0.001415	87.5	0.001074	101	0.000939
13	0.004232			20.25	0.076663	33.75	0.014611	47.25	0.004896	60.75	0.002268	74.25	0.001412	87.75	0.001076	101.25	0.000935
13.25	0.003962			20.5	0.075029	34	0.014247	47.5	0.004822	61	0.002233	74.5	0.001398	88	0.001073	101.5	0.000925

Run B0.5-1.0

Input Signal					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	9.7	0.003751	5.4	0.019487
0.1	0.000231	9.8	0.003633	5.5	0.018565
0.2	0.000274	9.9	0.003501	5.6	0.017721
0.3	0.000428	10	0.00336	5.7	0.016872
0.4	0.000639	10.1	0.003228	5.8	0.01613
0.5	0.001639	10.2	0.003114	5.9	0.015405
0.6	0.002998	10.3	0.003017	6	0.014742
0.7	0.00497	10.4	0.002885	6.1	0.0141
0.8	0.007648	10.5	0.002767	6.2	0.013501
0.9	0.011040	10.6	0.002688	6.3	0.012967
1	0.015081	10.7	0.002593	6.4	0.012453
1.1	0.019686	10.8	0.002502	6.5	0.011948
1.2	0.024703	10.9	0.002425	6.6	0.011443
1.3	0.030034	11	0.002331	6.7	0.010999
1.4	0.035389	11.1	0.002233	6.8	0.010551
1.5	0.040834	11.2	0.002154	6.9	0.010162
1.6	0.045934	11.3	0.002068	7	0.009763
1.7	0.050746	11.4	0.001997	7.1	0.009364
1.8	0.055015	11.5	0.001914	7.2	0.009019
1.9	0.058701	11.6	0.001849	7.3	0.008722
2	0.061939	11.7	0.00177	7.4	0.008392
2.1	0.064533	11.8	0.001712	7.5	0.008079
2.2	0.066735	11.9	0.001644	7.6	0.007802
2.3	0.068247	12	0.001581	7.7	0.007502
2.4	0.06944	12.1	0.001523	7.8	0.007241
2.5	0.070022	12.2	0.001472	7.9	0.006983
2.6	0.070153	12.3	0.00143	8	0.006691
2.7	0.069714	12.4	0.001378	8.1	0.006438
2.8	0.06891	12.5	0.001331	8.2	0.006196
2.9	0.06774	12.6	0.001286	8.3	0.005986
3	0.066113	12.7	0.001234	8.4	0.005776
3.1	0.064214	12.8	0.001176	8.5	0.005592
3.2	0.062065	12.9	0.001133	8.6	0.005393
3.3	0.059677	13	0.001082	8.7	0.005228
3.4	0.057183	13.1	0.001038	8.8	0.005057
3.5	0.054504	13.2	0.000979	8.9	0.004891
3.6	0.051869	13.3	0.000946	9	0.004659
3.7	0.049135	13.4	0.000897	9.1	0.0044521
3.8	0.046287	13.5	0.000843	9.2	0.004404
3.9	0.043724	13.6	0.000814	9.3	0.004258
4	0.041302	13.7	0.000786	9.4	0.004137
4.1	0.03899	13.8	0.000765	9.5	0.003996
4.2	0.036808	13.9	0.000734	9.6	0.003874
4.3	0.034807	14	0.000709		
4.4	0.032855	14.1	0.000685		
4.5	0.031111	14.2	0.000667		
4.6	0.029485	14.3	0.000646		
4.7	0.027814	14.4	0.000623		
4.8	0.026349	14.5	0.00059		
4.9	0.025043	14.6	0.000577		
5	0.023762	14.7	0.000551		
5.1	0.02259	14.8	0.000542		
5.2	0.021493	14.9	0.000527		
5.3	0.020446	15	0.00051		

Output Signal					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	10.4	0.094484	15.8	0.081077
5.1	0.000342	10.5	0.094615	15.9	0.080206
5.2	0.000363	10.6	0.0947	16	0.0593
5.3	0.000437	10.7	0.094786	16.1	0.058363
5.4	0.000587	10.8	0.094786	16.2	0.057444
5.5	0.000909	10.9	0.094869	16.3	0.05647
5.6	0.001444	11	0.094855	16.4	0.055538
5.7	0.002236	11.1	0.094949	16.5	0.054534
5.8	0.003354	11.2	0.094982	16.6	0.053626
5.9	0.00482	11.3	0.094958	16.7	0.052673
6	0.006641	11.4	0.094888	16.8	0.051814
6.1	0.008776	11.5	0.094727	16.9	0.050923
6.2	0.01115	11.6	0.094619	17	0.050102
6.3	0.013895	11.7	0.094329	17.1	0.049083
6.4	0.016611	11.8	0.094068	17.2	0.048209
6.5	0.019669	11.9	0.093631	17.3	0.047398
6.6	0.022793	12	0.093271	17.4	0.046582
6.7	0.026097	12.1	0.092772	17.5	0.045787
6.8	0.029405	12.2	0.092213	17.6	0.045015
6.9	0.032843	12.3	0.091655	17.7	0.044284
7	0.036362	12.4	0.09104	17.8	0.04347
7.1	0.040171	12.5	0.0904	17.9	0.042733
7.2	0.044031	12.6	0.08975	18	0.041931
7.3	0.047482	12.7	0.089102	18.1	0.04108
7.4	0.051254	12.8	0.088395	18.2	0.040266
7.5	0.054892	12.9	0.087774	18.3	0.039484
7.6	0.057946	13	0.087014	18.4	0.038768
7.7	0.061145	13.1	0.086333	18.5	0.038129
7.8	0.063809	13.2	0.085519	18.6	0.037455
7.9	0.066253	13.3	0.084779	18.7	0.036812
8	0.068954	13.4	0.083864	18.8	0.036174
8.1	0.071048	13.5	0.083024	18.9	0.035534
8.2	0.072992	13.6	0.082157	19	0.034906
8.3	0.074712	13.7	0.081256	19.1	0.034234
8.4	0.076416	13.8	0.080367	19.2	0.033595
8.5	0.077907	13.9	0.079438	19.3	0.032931
8.6	0.079393	14	0.078549	19.4	0.032226
8.7	0.080756	14.1	0.077648	19.5	0.03171
8.8	0.082087	14.2	0.076803	19.6	0.031162
8.9	0.083299	14.3	0.075923	19.7	0.030593
9	0.085322	14.4	0.075099	19.8	0.030067
9.1	0.08635	14.5	0.074168	19.9	0.029572
9.2	0.087374	14.6	0.073266	20	0.029046
9.3	0.088214	14.7	0.072247	20.1	0.028523
9.4	0.089094	14.8	0.071137	20.2	0.028024
9.5	0.089893	14.9	0.070023	20.3	0.027541
9.6	0.09051	15	0.068865	20.4	0.027047
9.7	0.091129	15.1	0.067841	20.5	0.026597
9.8	0.091755	15.2	0.066773	20.6	0.02612
9.9	0.092357	15.3	0.065845	20.7	0.025664
10	0.092973	15.4	0.064727	20.8	0.025205
10.1	0.093485	15.5	0.063882	20.9	0.024749
10.2	0.093893	15.6	0.062963	21	0.024238
10.3	0.094288	15.7	0.061996	21.1	0.023801
				21.5	0.010062
				31.9	0.005417

Input Signal (continued)				Output Signal (continued)			
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
32.0	0.005374	37.4	0.003302	42.8	0.002151	48.2	0.001451
32.1	0.005372	37.5	0.003302	42.9	0.002151	48.3	0.001451
32.2	0.005268	37.6	0.003254	43.0	0.002121	48.4	0.001429
32.3	0.005206	37.7	0.003229	43.1	0.002097	48.5	0.001418
32.4	0.005157	37.8	0.003206	43.2	0.002076	48.6	0.001408
32.5	0.005099	37.9	0.003189	43.3	0.002066	48.7	0.001395
32.6	0.005042	38.0	0.003163	43.4	0.002049	48.8	0.001384
32.7	0.005001	38.1	0.003136	43.5	0.002028	48.9	0.001378
32.8	0.004944	38.2	0.003108	43.6	0.002012	49.0	0.001364
32.9	0.004903	38.3	0.003077	43.7	0.001998	49.1	0.001359
33.0	0.004867	38.4	0.003052	43.8	0.001982	49.2	0.001347
33.1	0.004831	38.5	0.003029	43.9	0.001967	49.3	0.001337
33.2	0.004777	38.6	0.002996	44.0	0.001961	49.4	0.001334
33.3	0.004739	38.7	0.002968	44.1	0.001947	49.5	0.001324
33.4	0.004702	38.8	0.002946	44.2	0.001932	49.6	0.001304
33.5	0.004648	38.9	0.002912	44.3	0.001920	49.7	0.001292
33.6	0.004626	39.0	0.002894	44.4	0.001919	49.8	0.001286
33.7	0.004582	39.1	0.002874	44.5	0.001889	49.9	0.001272
33.8	0.004545	39.2	0.002841	44.6	0.001872	50.0	0.001261
33.9	0.004498	39.3	0.002827	44.7	0.001861	50.1	0.001258
34.0	0.004452	39.4	0.002804	44.8	0.001843	50.2	0.001244
34.1	0.004431	39.5	0.002783	44.9	0.001835	50.3	0.001234
34.2	0.004418	39.6	0.002764	45.0	0.001822	50.4	0.001223
34.3	0.004328	39.7	0.002735	45.1	0.001812	50.5	0.001222
34.4	0.004296	39.8	0.002714	45.2	0.001794	50.6	0.001212
34.5	0.004251	39.9	0.002698	45.3	0.001784	50.7	0.001212
34.6	0.004209	40.0	0.002665	45.4	0.001717	50.8	0.001211
34.7	0.004171	40.1	0.002648	45.5	0.001748	50.9	0.001206
34.8	0.004131	40.2	0.002622	45.6	0.001739	51.0	0.001204
34.9	0.004095	40.3	0.002599	45.7	0.001719	51.1	0.001193
35.0	0.004046	40.4	0.002582	45.8	0.001706	51.2	0.001182
35.1	0.004043	40.5	0.002526	45.9	0.001693	51.3	0.001175
35.2	0.003999	40.6	0.002548	46.0	0.001681	51.4	0.001162
35.3	0.003961	40.7	0.002533	46.1	0.001672	51.5	0.001155
35.4	0.003932	40.8	0.002519	46.2	0.001658	51.6	0.001148
35.5	0.003901	40.9	0.002548	46.3	0.001653	51.7	0.001135
35.6	0.003861	41.0	0.002484	46.4	0.001636	51.8	0.001133
35.7	0.003842	41.1	0.002455	46.5	0.001627	51.9	0.001121
35.8	0.003791	41.2	0.002452	46.6	0.001613	52.0	0.001127
35.9	0.003776	41.3	0.002405	46.7	0.001609	52.1	0.001106
36.0	0.003729	41.4	0.002388	46.8	0.001595	52.2	0.001093
36.1	0.003699	41.5	0.002366	46.9	0.001586	52.3	0.001094
36.2	0.003687	41.6	0.002346	47.0	0.001575	52.4	0.001088
36.3	0.003632	41.7	0.002329	47.1	0.001546	52.5	0.001095
36.4	0.003608	41.8	0.002315	47.2	0.001553	52.6	0.001078
36.5	0.00357	41.9	0.002306	47.3	0.001547	52.7	0.001069
36.6	0.003536	42.0	0.002296	47.4	0.001531	52.8	0.001062
36.7	0.003507	42.1	0.002278	47.5	0.001522	52.9	0.001073
36.8	0.003486	42.2	0.002264	47.6	0.001509	53.0	0.001095
36.9	0.003434	42.3	0.002245	47.7	0.001489	53.1	0.001047
37.0	0.003398	42.4	0.002222	47.8	0.001487	53.2	0.001037
37.1	0.003362	42.5	0.002208	47.9	0.00148	53.3	0.001028
37.2	0.003343	42.6	0.002188	48.0	0.001468	53.4	0.001038
37.3	0.003325	42.7	0.002186	48.1	0.001452	53.5	0.001038

Run B0.5-1.5

Input Signal											
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	0.007385	10.8	0.001305	16.2	0.001153	21.6	0.000731	27	0.000492	
0.1	0.000051	5.5	0.007044	10.9	0.001291	16.3	0.001155	21.7	0.00073	27.1	0.000493
0.2	0.000068	5.6	0.006723	11	0.001279	16.4	0.001137	21.8	0.000735	27.2	0.000488
0.3	0.000122	5.7	0.006425	11.1	0.001257	16.5	0.001137	21.9	0.000726	27.3	0.000499
0.4	0.000414	5.8	0.00614	11.2	0.001221	16.6	0.001103	22	0.000727	27.4	0.000496
0.5	0.001272	5.9	0.005862	11.3	0.001212	16.7	0.00108	22.1	0.000728	27.5	0.000479
0.6	0.003065	6	0.005599	11.4	0.001219	16.8	0.001072	22.2	0.000725	27.6	0.00046
0.7	0.006072	6.1	0.005344	11.5	0.001205	16.9	0.001093	22.3	0.000727	27.7	0.000463
0.8	0.01036	6.2	0.005122	11.6	0.001194	17	0.001076	22.4	0.000727	27.8	0.000479
0.9	0.015786	6.3	0.004898	11.7	0.001179	17.1	0.001099	22.5	0.000728	27.9	0.000465
1	0.022143	6.4	0.004707	11.8	0.001178	17.2	0.001042	22.6	0.000722	28	0.000459
1.1	0.028993	6.5	0.004522	11.9	0.001169	17.3	0.001058	22.7	0.000729	28.1	0.000459
1.2	0.036042	6.6	0.004339	12	0.001159	17.4	0.001044	22.8	0.000726	28.2	0.000462
1.3	0.042942	6.7	0.004151	12.1	0.00115	17.5	0.001033	22.9	0.00072	28.3	0.000453
1.4	0.049461	6.8	0.003988	12.2	0.001131	17.6	0.001012	23	0.00071	28.4	0.000455
1.5	0.055454	6.9	0.003855	12.3	0.001117	17.7	0.000998	23.1	0.000717	28.5	0.000454
1.6	0.060522	7	0.003667	12.4	0.001121	17.8	0.000983	23.2	0.000704	28.6	0.000451
1.7	0.0644	7.1	0.003531	12.5	0.001144	17.9	0.00097	23.3	0.000702	28.7	0.000443
1.8	0.067043	7.2	0.003417	12.6	0.001138	18	0.000964	23.4	0.000699	28.8	0.00045
1.9	0.06839	7.3	0.00329	12.7	0.001135	18.1	0.000976	23.5	0.000691	28.9	0.000444
2	0.068564	7.4	0.003198	12.8	0.001129	18.2	0.000962	23.6	0.000691	29	0.00044
2.1	0.067763	7.5	0.003083	12.9	0.001112	18.3	0.000905	23.7	0.00068	29.1	0.000443
2.2	0.066969	7.6	0.002964	13	0.001159	18.4	0.000925	23.8	0.000672	29.2	0.000434
2.3	0.063736	7.7	0.002865	13.1	0.001148	18.5	0.000878	23.9	0.000664	29.3	0.000447
2.4	0.060908	7.8	0.002776	13.2	0.001136	18.6	0.000911	24	0.00066	29.4	0.000424
2.5	0.057668	7.9	0.002671	13.3	0.001125	18.7	0.000916	24.1	0.000658	29.5	0.000438
2.6	0.054234	8	0.002583	13.4	0.001137	18.8	0.000929	24.2	0.000652	29.6	0.000435
2.7	0.050653	8.1	0.002492	13.5	0.001134	18.9	0.000909	24.3	0.000643	29.7	0.00043
2.8	0.047022	8.2	0.002422	13.6	0.001139	19	0.000906	24.4	0.00065	29.8	0.000424
2.9	0.043448	8.3	0.002346	13.7	0.001161	19.1	0.000797	24.5	0.000635	29.9	0.000425
3	0.04002	8.4	0.002295	13.8	0.001147	19.2	0.000826	24.6	0.000634	30	0.000415
3.1	0.036519	8.5	0.002211	13.9	0.001141	19.3	0.000877	24.7	0.000623	30.1	0.000433
3.2	0.033555	8.6	0.002144	14	0.001149	19.4	0.000852	24.8	0.000614	30.2	0.000428
3.3	0.030854	8.7	0.002089	14.1	0.001148	19.5	0.000815	24.9	0.000604	30.3	0.000423
3.4	0.028374	8.8	0.002022	14.2	0.001153	19.6	0.000818	25	0.000598	30.4	0.000421
3.5	0.026109	8.9	0.001962	14.3	0.001143	19.7	0.000816	25.1	0.000587	30.5	0.000426
3.6	0.024029	9	0.00192	14.4	0.001152	19.8	0.00082	25.2	0.000571	30.6	0.000425
3.7	0.022127	9.1	0.001876	14.5	0.001172	19.9	0.000806	25.3	0.000567	30.7	0.000422
3.8	0.020378	9.2	0.001785	14.6	0.001171	20	0.000793	25.4	0.000559	30.8	0.000415
3.9	0.018792	9.3	0.001731	14.7	0.001149	20.1	0.000815	25.5	0.000543	30.9	0.000416
4	0.017387	9.4	0.00171	14.8	0.001135	20.2	0.000796	25.6	0.000536	31	0.000399
4.1	0.016136	9.5	0.001674	14.9	0.001114	20.3	0.000789	25.7	0.000544	31.1	0
4.2	0.015051	9.6	0.001633	15	0.001125	20.4	0.000789	25.8	0.000535		
4.3	0.014105	9.7	0.001602	15.1	0.001135	20.5	0.000788	25.9	0.000534		
4.4	0.013218	9.8	0.00157	15.2	0.001154	20.6	0.000783	26	0.000527		
4.5	0.012428	9.9	0.001539	15.3	0.001167	20.7	0.000768	26.1	0.000519		
4.6	0.011689	10	0.001502	15.4	0.001192	20.8	0.000754	26.2	0.000517		
4.7	0.011041	10.1	0.00147	15.5	0.001226	20.9	0.000738	26.3	0.000511		
4.8	0.010399	10.2	0.001436	15.6	0.001206	21	0.00073	26.4	0.00051		
4.9	0.009716	10.3	0.001407	15.7	0.001181	21.1	0.000731	26.5	0.000511		
5	0.009016	10.4	0.001379	15.8	0.001168	21.2	0.000724	26.6	0.000501		
5.1	0.008651	10.5	0.001353	15.9	0.001163	21.3	0.000726	26.7	0.000502		
5.2	0.008188	10.6	0.001332	16	0.001173	21.4	0.000729	26.8	0.000502		
5.3	0.007762	10.7	0.00132	16.1	0.001161	21.5	0.000737	26.9	0.000494		

Output Signal											
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
3.5	0	8.9	0.003992	14.3	0.028	19.7	0.00834				0.00834
3.6	0.000407	9	0.002873	14.4	0.027283	19.8	0.008199				0.008199
3.7	0.000493	9.1	0.001724	14.5	0.026585	19.9	0.008064				0.008064
3.8	0.000773	9.2	0.000554	14.6	0.025878	20	0.007936				0.007936
3.9	0.001413	9.3	0.00932	14.7	0.025211	20.1	0.007809				0.007809
4	0.002681	9.4	0.007929	14.8	0.024574	20.2	0.007684				0.007684
4.1	0.004805	9.5	0.006459	14.9	0.02396	20.3	0.007569				0.007569
4.2	0.007836	9.6	0.004998	15	0.023382	20.4	0.007444				0.007444
4.3	0.011685	9.7	0.003542	15.1	0.02281	20.5	0.007327				0.007327
4.4	0.016477	9.8	0.002114	15.2	0.022212	20.6	0.007212				0.007212
4.5	0.022133	9.9	0.000618	15.3	0.021626	20.7	0.00711				0.00711
4.6	0.028432	10	0.079278	15.4	0.021023	20.8	0.007028				0.007028
4.7	0.035181	10.1	0.077926	15.5	0.020433	20.9	0.006951				0.006951
4.8	0.042	10.2	0.076549	15.6	0.019902	21	0.006875				0.006875
4.9	0.049236	10.3	0.075145	15.7	0.019388	21.1	0.006778				0.006778
5	0.056102	10.4	0.073703	15.8	0.018921	21.2	0.006661				0.006661
5.1	0.062603	10.5	0.072237	15.9	0.018474	21.3	0.006544				0.006544
5.2	0.068818	10.6	0.070731	16	0.018042	21.4	0.006434				0.006434
5.3	0.075343	10.7	0.069238	16.1	0.01763	21.5	0.006331				0.006331
5.4	0.080892	10.8	0.067764	16.2	0.017228	21.6	0.006249				0.006249
5.5	0.085515	10.9	0.066313	16.3	0.016826	21.7	0.006177				0.006177
5.6	0.089403	11	0.064847	16.4	0.01642	21.8	0.006107				0.006107
5.7	0.092871	11.1	0.063423	16.5	0.016031	21.9	0.006036				0.006036
5.8	0.095322	11.2	0.062022	16.6	0.015648	22	0.005965				0.005965
5.9	0.097428	11.3	0.06063	16.7	0.015264	22.1	0.005889				0.005889
6	0.099107	11.4	0.059276	16.8	0.014908	22.2	0.00581				0.00581
6.1	0.100455	11.5	0.057882	16.9	0.014564	22.3	0.005733				0.005733
6.2	0.101569	11.6	0.05649	17	0.014233	22.4	0.005648				0.005648
6.3	0.102513	11.7	0.05502	17.1	0.013916	22.5	0.005555				0.005555
6.4	0.103282	11.8	0.053685	17.2	0.013612	22.6	0.005476				0.005476
6.5	0.103905	11.9	0.052411	17.3	0.013329	22.7	0.005397				0.005397
6.6	0.104399	12	0.051188	17.4	0.013042	22.8	0.005325				0.005325
6.7	0.104692	12.1	0.050007	17.5	0.012767	22.9	0.005257				0.005257
6.8	0.104937	12.2	0.048824	17.6	0.012474	23	0.005187				0.005187
6.9	0.105079	12.3	0.047557	17.7	0.012212	23.1	0.005131				0.005131
7	0.105179	12.4	0.046254	17.8	0.011973	23.2	0.005067				0.005067
7.1	0.105227	12.5	0.044987	17.9	0.011745	23.3	0.005011				0.005011
7.2	0.105207	12.6	0.043776	18	0.011516	23.4	0.004952				0.004952
7.3	0.105128	12.7	0.04261	18.1	0.011286	23.5	0.004896				0.004896
7.4	0.104986	12.8	0.041533	18.2	0.011049	23.6	0.004837				0.004837
7.5	0.10474	12.9	0.040538	18.3	0.010788	23.7	0.004787				0.004787
7.6	0.104498	13	0.039545	18.4	0.0105	23.8	0.00473				0.00473
7.7	0.104063	13.1	0.038583	18.5	0.010326	23.9	0.004689				0.004689
7.8	0.103604	13.2	0.037631	18.6	0.010136	24	0.004634				0.004634
7.9	0.103027	13.3	0.036676	18.7	0.009962	24.1	0.00457				0.00457
8	0.102449	13.4	0.03573	18.8	0.009781	24.2	0.004504				0.004504
8.1	0.101777	13.5	0.034748	18.9	0.009615	24.3	0.004432				0.004432
8.2	0.101093	13.6	0.033762	19	0.009449	24.4	0.004371				0.004371
8.3	0.100292	13.7	0.03284	19.1	0.009304	24.5	0.004323				0.004323
8.4	0.099439	13.8	0.031942	19.2	0.009148	24.6	0.004281				0.004281
8.5	0.098511	13.9	0.031081	19.3	0.008981	24.7	0.004232				0.004232
8.6	0.097511	14	0.030264	19.4	0.008806	24.8	0.004185				0.004185
8.7	0.096418	14.1	0.02947	19.5	0.008641	24.9	0.004147				0.004147
8.8	0.095287	14.2	0.028739	19.6	0.008491	25	0.004106				0.004106

Output Signal (continued)																Output Signal (continued)															
Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)														
25.1	0.004061	30.5	0.002303	35.9	0.001399	41.3	0.000946	46.7	0.000729	52.1	0.000601	57.5	0.000506	62.9	0.000457																
25.2	0.003894	30.6	0.002239	36.0	0.001309	41.4	0.000874	46.8	0.000657	52.2	0.000530	57.6	0.000435	63.0	0.000386																
25.3	0.003938	30.7	0.002286	36.1	0.001373	41.5	0.000906	46.9	0.000678	52.3	0.000559	57.7	0.000463	63.1	0.000417																
25.4	0.003894	30.8	0.002234	36.2	0.001371	41.6	0.000936	47.0	0.000725	52.4	0.000589	57.8	0.000509	63.2	0.000451																
25.5	0.003851	30.9	0.002211	36.3	0.001367	41.7	0.000937	47.1	0.000725	52.5	0.000587	57.9	0.000507	63.3	0.000446																
25.6	0.003804	31.1	0.002182	36.4	0.001359	41.8	0.000931	47.2	0.000726	52.6	0.000588	58.0	0.000505	63.4	0.000442																
25.7	0.003763	31.5	0.002166	36.5	0.001362	41.9	0.000922	47.3	0.000711	52.7	0.000578	58.1	0.000501	63.5	0.000435																
25.8	0.003721	31.2	0.002137	36.6	0.001339	42.0	0.000922	47.4	0.000708	52.8	0.000586	58.2	0.000508	63.6	0.000438																
25.9	0.003683	31.3	0.002115	36.7	0.001329	42.1	0.000915	47.5	0.000708	52.9	0.000585	58.3	0.000500	63.7	0.000443																
26	0.003649	31.4	0.002089	36.8	0.001318	42.2	0.000912	47.6	0.000699	53.0	0.000584	58.4	0.000503	63.8	0.000443																
26.1	0.003602	31.5	0.002069	36.9	0.001311	42.3	0.000910	47.7	0.000701	53.1	0.000575	58.5	0.000506	63.9	0.000441																
26.2	0.003578	31.6	0.002052	37.0	0.001292	42.4	0.000907	47.8	0.000698	53.2	0.000573	58.6	0.000505	64	0.000443																
26.3	0.003539	31.7	0.002033	37.1	0.001286	42.5	0.000898	47.9	0.000694	53.3	0.000573	58.7	0.000501	64.1	0.000439																
26.4	0.003502	31.8	0.002014	37.2	0.001272	42.6	0.000894	48.0	0.000695	53.4	0.000567	58.8	0.000499	64.2	0.000437																
26.5	0.003459	31.9	0.001992	37.3	0.001264	42.7	0.000893	48.1	0.000692	53.5	0.000571	58.9	0.000497	64.3	0.000434																
26.6	0.003425	32.0	0.001973	37.4	0.001256	42.8	0.000891	48.2	0.000691	53.6	0.000570	59.0	0.000496	64.4	0.000435																
26.7	0.003398	32.1	0.001956	37.5	0.001245	42.9	0.000880	48.3	0.000689	53.7	0.000568	59.1	0.000498	64.5	0.000440																
26.8	0.003355	32.2	0.001943	37.6	0.001233	43.0	0.000878	48.4	0.000686	53.8	0.000569	59.2	0.000490	64.6	0.000445																
26.9	0.003323	32.3	0.001926	37.7	0.001223	43.1	0.000871	48.5	0.000682	53.9	0.000569	59.3	0.000490	64.7	0.000434																
27	0.003282	32.4	0.001906	37.8	0.001213	43.2	0.000869	48.6	0.000678	54.0	0.000562	59.4	0.000491	64.8	0.000438																
27.1	0.003236	32.5	0.001894	37.9	0.001203	43.3	0.000863	48.7	0.000675	54.1	0.000560	59.5	0.000488	64.9	0.000439																
27.2	0.003194	32.6	0.001876	38.0	0.001199	43.4	0.000854	48.8	0.000673	54.2	0.000566	59.6	0.000484	65	0.000426																
27.3	0.003155	32.7	0.001852	38.1	0.001192	43.5	0.000854	48.9	0.000663	54.3	0.000558	59.7	0.000485	65.1	0.000427																
27.4	0.003122	32.8	0.001825	38.2	0.001186	43.6	0.000850	49.0	0.000659	54.4	0.000559	59.8	0.000480	65.2	0.000427																
27.5	0.003084	32.9	0.001801	38.3	0.001179	43.7	0.000849	49.1	0.000658	54.5	0.000557	59.9	0.000481	65.3	0.000428																
27.6	0.003069	33.1	0.001781	38.5	0.001169	43.8	0.000846	49.2	0.000655	54.6	0.000550	60.0	0.000478	65.5	0.000422																
27.7	0.003044	33.1	0.001766	38.5	0.001158	43.9	0.000839	49.3	0.000661	54.7	0.000552	60.1	0.000480	65.5	0.000428																
27.8	0.003002	33.2	0.001752	38.6	0.001142	44.0	0.000839	49.4	0.000657	54.8	0.000547	60.2	0.000480	65.6	0.000427																
27.9	0.002992	33.3	0.001732	38.7	0.001133	44.1	0.000831	49.5	0.000656	54.9	0.000549	60.3	0.000478	65.7	0.000426																
28	0.002962	33.4	0.001723	38.8	0.001126	44.2	0.000825	49.6	0.000655	55.0	0.000548	60.4	0.000476	65.8	0.000425																
28.1	0.00293	33.5	0.001717	38.9	0.001112	44.3	0.000817	49.7	0.000653	55.1	0.000546	60.5	0.000473	65.9	0.000426																
28.2	0.002871	33.6	0.0017	39	0.001112	44.4	0.000808	49.8	0.000650	55.2	0.000539	60.6	0.000477	66	0.000421																
28.3	0.002838	33.7	0.001685	39.1	0.001111	44.5	0.000801	49.9	0.000649	55.3	0.000540	60.7	0.000471	66.1	0.000421																
28.4	0.002806	33.8	0.001667	39.2	0.001103	44.6	0.000795	50.0	0.000650	55.4	0.000544	60.8	0.000469	66.2	0.000419																
28.5	0.002772	33.9	0.001658	39.3	0.001095	44.7	0.000798	50.1	0.000645	55.5	0.000545	60.9	0.000468	66.3	0.000419																
28.6	0.002747	34.1	0.001643	39.4	0.001089	44.8	0.000799	50.2	0.000643	55.6	0.000539	61.0	0.000467	66.4	0.000417																
28.7	0.002722	34.1	0.001628	39.5	0.001084	44.9	0.000792	50.3	0.000640	55.7	0.000543	61.1	0.000465	66.5	0.000416																
28.8	0.002695	34.2	0.001607	39.6	0.001079	45.0	0.000789	50.4	0.000632	55.8	0.000538	61.2	0.000461	66.6	0.000418																
28.9	0.002674	34.7	0.00161	39.7	0.001072	45.1	0.000785	50.5	0.000628	55.9	0.000540	61.3	0.000462	66.7	0.000415																
29	0.002653	34.4	0.001584	39.8	0.001082	45.2	0.000789	50.6	0.000631	56.0	0.000541	61.4	0.000465	66.8	0.000416																
29.1	0.002622	34.5	0.00157	39.9	0.001051	45.3	0.000786	50.7	0.000624	56.1	0.000531	61.5	0.000465	66.9	0.000415																
29.2	0.002593	34.6	0.001556	40.0	0.001043	45.4	0.000783	50.8	0.000623	56.2	0.000536	61.6	0.000462	67	0.000415																
29.3	0.002577	34.7	0.001553	40.1	0.001039	45.5	0.000779	50.9	0.000622	56.3	0.000529	61.7	0.000457	67.1	0.000415																
29.4	0.002552	34.9	0.001539	40.2	0.001033	45.6	0.000779	51.0	0.000616	56.4	0.000529	61.8	0.000457	67.2	0.000415																
29.5	0.002534	34.9	0.001524	40.3	0.001027	45.7	0.000772	51.1	0.000611	56.5	0.000530	61.9	0.000460	67.3	0.000412																
29.6	0.002513	35	0.001511	40.4	0.00102	45.8	0.000765	51.2	0.000619	56.6	0.000525	62	0.000455	67.4	0.000411																
29.7	0.00249	35.1	0.001505	40.5	0.001007	45.9	0.000760	51.3	0.000611	56.7	0.000527	62.1	0.000459	67.5	0.000411																
29.8	0.002456	35.2	0.001497	40.6	0.001007	46.0	0.000755	51.4	0.000610	56.8	0.000528	62.2	0.000467	67.6	0.000410																
29.9	0.002418	35.3	0.001482	40.7	0.001001	46.1	0.000751	51.5	0.000607	56.9	0.000527	62.3	0.000465	67.7	0.000413																
30	0.002387	35.4	0.001469	40.8	0.000997	46.2	0.000747	51.6	0.000605	57	0.000522	62.4	0.000459	67.8	0.000410																
30.1	0.002361	35.5	0.001455	40.9	0.000995	46.3	0.000745	51.7	0.000605	57.1	0.000521	62.5	0.000459	67.9	0.000410																
30.2	0.002341	35.6	0.001443	41.0	0.000988	46.4	0.000741	51.8	0.000603	57.2	0.000519	62.6	0.000460																		
30.3	0.002328	35.6	0.001438	41.1	0.000989	46.5	0.000739	51.9	0.000602	57.3	0.000519	62.7	0.000461																		
30.4	0.002338	35.8	0.001434	41.2	0.000979	46.6	0.000735	52.0	0.000595	57.4	0.000511	62.8	0.000454																		

Run B0.5-2.0

Input Signal						Output Signal									
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)				
0	0	5.4	0.00452	10.8	0.001872	16.2	0.00121	2.4	0.000483	7.8	0.061407	13.2	0.013543	18.6	0.005472
0.1	0.000254	5.5	0.004373	10.9	0.001866	16.3	0.001198	2.5	0.000522	7.9	0.05988	13.3	0.013259	18.7	0.005398
0.2	0.000851	5.6	0.004221	11	0.001857	16.4	0.001185	2.6	0.001004	8	0.056337	13.4	0.012979	18.8	0.005329
0.3	0.002807	5.7	0.004072	11.1	0.00185	16.5	0.001172	2.7	0.002995	8.1	0.0568	13.5	0.012719	18.9	0.005266
0.4	0.006973	5.8	0.003929	11.2	0.001842	16.6	0.001162	2.8	0.007826	8.2	0.055341	13.6	0.012448	19	0.005202
0.5	0.019729	5.9	0.003789	11.3	0.001843	16.7	0.001148	2.9	0.015312	8.3	0.053819	13.7	0.012176	19.1	0.005138
0.6	0.029527	6	0.003649	11.4	0.001844	16.8	0.001134	3	0.025699	8.4	0.052462	13.8	0.011917	19.2	0.005068
0.7	0.040271	6.1	0.003509	11.5	0.001842	16.9	0.001115	3.1	0.038526	8.5	0.050968	13.9	0.011679	19.3	0.005004
0.8	0.059829	6.2	0.003384	11.6	0.001845	17	0.001105	3.2	0.053874	8.6	0.049505	14	0.011449	19.4	0.004937
0.9	0.080413	6.3	0.003263	11.7	0.001829	17.1	0.001097	3.3	0.070743	8.7	0.048121	14.1	0.01122	19.5	0.004879
1	0.06831	6.4	0.003164	11.8	0.001814	17.2	0.001086	3.4	0.087063	8.8	0.046797	14.2	0.010978	19.6	0.004817
1.1	0.073899	6.5	0.003072	11.9	0.001793	17.3	0.001074	3.5	0.101455	8.9	0.045517	14.3	0.010753	19.7	0.004753
1.2	0.076888	6.6	0.002997	12	0.00178	17.4	0.001058	3.6	0.113472	9	0.044223	14.4	0.010555	19.8	0.004691
1.3	0.077497	6.7	0.002921	12.1	0.001765	17.5	0.001038	3.7	0.123156	9.1	0.042893	14.5	0.010373	19.9	0.004627
1.4	0.076129	6.8	0.002838	12.2	0.001754	17.6	0.00102	3.8	0.130804	9.2	0.041573	14.6	0.010199	20	0.004571
1.5	0.073181	6.9	0.002765	12.3	0.001743	17.7	0.001008	3.9	0.136145	9.3	0.040305	14.7	0.010002	20.1	0.004517
1.6	0.068995	7	0.00268	12.4	0.001725	17.8	0.000994	4	0.139802	9.4	0.039133	14.8	0.009791	20.2	0.004455
1.7	0.063946	7.1	0.002607	12.5	0.001706	17.9	0.000977	4.1	0.141875	9.5	0.03804	14.9	0.009593	20.3	0.004399
1.8	0.059474	7.2	0.002543	12.6	0.001692	18	0.000967	4.2	0.14138	9.6	0.036932	15	0.009418	20.4	0.004349
1.9	0.052986	7.3	0.002483	12.7	0.001684	18.1	0.000954	4.3	0.139605	9.7	0.0358	15.1	0.00926	20.5	0.004292
2	0.047766	7.4	0.002439	12.8	0.001676	18.2	0.000944	4.4	0.136749	9.8	0.034682	15.2	0.009123	20.6	0.004242
2.1	0.042956	7.5	0.00239	12.9	0.001662	18.3	0.000931	4.5	0.133616	9.9	0.033643	15.3	0.008998	20.7	0.004184
2.2	0.038546	7.6	0.002356	13	0.00164	18.4	0.000916	4.6	0.130385	10	0.032675	15.4	0.008864	20.8	0.004134
2.3	0.034559	7.7	0.002311	13.1	0.001625	18.5	0	4.7	0.126781	10.1	0.031752	15.5	0.008706	20.9	0.004085
2.4	0.030954	7.8	0.00228	13.2	0.001603			4.8	0.123047	10.2	0.030845	15.6	0.008535	21	0.004037
2.5	0.027433	7.9	0.002237	13.3	0.001589			4.9	0.119475	10.3	0.029929	15.7	0.008371	21.1	0.003987
2.6	0.024594	8	0.002191	13.4	0.001574			5	0.115926	10.4	0.028997	15.8	0.00824	21.2	0.003943
2.7	0.022146	8.1	0.002158	13.5	0.001553			5.1	0.112511	10.5	0.02802	15.9	0.008123	21.3	0.003893
2.8	0.020017	8.2	0.002121	13.6	0.00154			5.2	0.109529	10.6	0.027174	16	0.008009	21.4	0.003835
2.9	0.018219	8.3	0.002096	13.7	0.001527			5.3	0.106834	10.7	0.026396	16.1	0.007871	21.5	0.003787
3	0.016664	8.4	0.00207	13.8	0.001516			5.4	0.104317	10.8	0.025673	16.2	0.007731	21.6	0.003741
3.1	0.015354	8.5	0.002056	13.9	0.001496			5.5	0.101899	10.9	0.024937	16.3	0.007599	21.7	0.0037
3.2	0.014205	8.6	0.002023	14	0.001481			5.6	0.099429	11	0.024202	16.4	0.00747	21.8	0.00366
3.3	0.013188	8.7	0.001999	14.1	0.001461			5.7	0.097275	11.1	0.023478	16.5	0.007367	21.9	0.003611
3.4	0.012292	8.8	0.001982	14.2	0.001444			5.8	0.095328	11.2	0.022796	16.6	0.007258	22	0.003572
3.5	0.011475	8.9	0.001958	14.3	0.001432			5.9	0.093383	11.3	0.022166	16.7	0.007159	22.1	0.003525
3.6	0.01074	9	0.001943	14.4	0.001423			6	0.091475	11.4	0.021564	16.8	0.007064	22.2	0.003482
3.7	0.010084	9.1	0.001928	14.5	0.001408			6.1	0.089599	11.5	0.020961	16.9	0.006969	22.3	0.003446
3.8	0.009458	9.2	0.001923	14.6	0.001392			6.2	0.087703	11.6	0.020379	17	0.006855	22.4	0.003407
3.9	0.00888	9.3	0.001918	14.7	0.001375			6.3	0.085819	11.7	0.01984	17.1	0.006732	22.5	0.003369
4	0.008337	9.4	0.001909	14.8	0.001368			6.4	0.084016	11.8	0.019357	17.2	0.006631	22.6	0.003324
4.1	0.00776	9.5	0.0019	14.9	0.001358			6.5	0.082287	11.9	0.018881	17.3	0.006541	22.7	0.003281
4.2	0.007286	9.6	0.001891	15	0.001351			6.6	0.080648	12	0.018379	17.4	0.006458	22.8	0.003236
4.3	0.006979	9.7	0.001887	15.1	0.001345			6.7	0.079049	12.1	0.017865	17.5	0.00637	22.9	0.003198
4.4	0.0067	9.8	0.00188	15.2	0.001326			6.8	0.077396	12.2	0.017392	17.6	0.006277	23	0.003164
4.5	0.006428	9.9	0.001881	15.3	0.001302			6.9	0.075687	12.3	0.016937	17.7	0.00619	23.1	0.003129
4.6	0.006147	10	0.001873	15.4	0.001294			7	0.073974	12.4	0.016506	17.8	0.006103	23.2	0.003097
4.7	0.005872	10.1	0.001875	15.5	0.001276			7.1	0.072279	12.5	0.016053	17.9	0.006016	23.3	0.003056
4.8	0.005599	10.2	0.00186	15.6	0.001269			7.2	0.070667	12.6	0.015665	18	0.005936	23.4	0.00302
4.9	0.005367	10.3	0.001861	15.7	0.001261			7.3	0.069076	12.7	0.015294	18.1	0.005851	23.5	0.002991
5	0.00515	10.4	0.001857	15.8	0.001257			7.4	0.067484	12.8	0.014911	18.2	0.005766	23.6	0.002956
5.1	0.004972	10.5	0.001865	15.9	0.001247			7.5	0.065892	12.9	0.014546	18.3	0.005684	23.7	0.002914
5.2	0.00481	10.6	0.001866	16	0.001243			7.6	0.064336	13	0.014192	18.4	0.005607	23.8	0.002879
5.3	0.00467	10.7	0.001871	16.1	0.001235			7.7	0.062878	13.1	0.013842	18.5	0.00554	23.9	0.002843

Output Signal (continued)							
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
24	0.002802	29.4	0.001606	34.8	0.00107	40.2	0.000795
24.1	0.00278	29.5	0.001596	34.9	0.001063	40.3	0.000792
24.2	0.002749	29.6	0.001577	35	0.001056	40.4	0.000788
24.3	0.002726	29.7	0.001563	35.1	0.001047	40.5	0.000784
24.4	0.002693	29.8	0.001546	35.2	0.001044	40.6	0.000779
24.5	0.002653	29.9	0.001543	35.3	0.001039	40.7	0.000775
24.6	0.002626	30	0.001527	35.4	0.001024	40.8	0.000775
24.7	0.002591	30.1	0.001512	35.5	0.001018	40.9	0.000772
24.8	0.002562	30.2	0.001506	35.6	0.001014	41	0.00077
24.9	0.002538	30.3	0.001489	35.7	0.001003	41.1	0.000766
25	0.002508	30.4	0.001478	35.8	0.001004	41.2	0.000757
25.1	0.002481	30.5	0.001465	35.9	0.001006	41.3	0.000758
25.2	0.002452	30.6	0.001454	36	0.000991	41.4	0.000752
25.3	0.002429	30.7	0.001443	36.1	0.000984	41.5	0.000746
25.4	0.002402	30.8	0.001429	36.2	0.00098	41.6	0.000749
25.5	0.002383	30.9	0.00142	36.3	0.000971	41.7	0.000745
25.6	0.002365	31	0.001414	36.4	0.000971	41.8	0.000744
25.7	0.002336	31.1	0.001394	36.5	0.000962	41.9	0.000744
25.8	0.002303	31.2	0.001381	36.6	0.00096	42	0.000738
25.9	0.002268	31.3	0.00137	36.7	0.000952	42.1	0.00073
26	0.00224	31.4	0.001357	36.8	0.000944	42.2	0.000731
26.1	0.002219	31.5	0.001349	36.9	0.00094	42.3	0.000729
26.2	0.002193	31.6	0.001338	37	0.00093	42.4	0.000722
26.3	0.002177	31.7	0.001328	37.1	0.000932	42.5	0.000722
26.4	0.002161	31.8	0.001316	37.2	0.000927	42.6	0.000721
26.5	0.00213	31.9	0.001306	37.3	0.000921	42.7	0.000714
26.6	0.002101	32	0.001294	37.4	0.000912	42.8	0.000713
26.7	0.002081	32.1	0.001286	37.5	0.000912	42.9	0.000705
26.8	0.002054	32.2	0.001279	37.6	0.000901	43	0.000709
26.9	0.002039	32.3	0.001273	37.7	0.000901	43.1	0.000709
27	0.002012	32.4	0.001257	37.8	0.00089	43.2	0.000705
27.1	0.001996	32.5	0.001246	37.9	0.000889	43.3	0.000702
27.2	0.001972	32.6	0.001236	38	0.00088	43.4	0.000698
27.3	0.001952	32.7	0.001228	38.1	0.000874	43.5	0.000693
27.4	0.001933	32.8	0.001227	38.2	0.00087	43.6	0.00069
27.5	0.001916	32.9	0.001214	38.3	0.000869	43.7	0.000687
27.6	0.001892	33	0.001203	38.4	0.000865	43.8	0.000689
27.7	0.001886	33.1	0.001192	38.5	0.00086	43.9	0.000681
27.8	0.001864	33.2	0.001187	38.6	0.00086	44	0.000687
27.9	0.00184	33.3	0.001182	38.7	0.000857	44.1	0.000683
28	0.001825	33.4	0.00117	38.8	0.000851	44.2	0.000678
28.1	0.001806	33.5	0.001164	38.9	0.000845	44.3	0.000673
28.2	0.001788	33.6	0.001153	39	0.00084	44.4	0.000667
28.3	0.001777	33.7	0.001148	39.1	0.000835	44.5	0.00067
28.4	0.001754	33.8	0.001143	39.2	0.000833	44.6	0.000662
28.5	0.001737	33.9	0.001133	39.3	0.000828	44.7	0.000665
28.6	0.001722	34	0.00113	39.4	0.000826	44.8	0.000664
28.7	0.001705	34.1	0.001114	39.5	0.000819	44.9	0.000665
28.8	0.001697	34.2	0.001113	39.6	0.000818	45	0.000653
28.9	0.001679	34.3	0.001105	39.7	0.000817	45.1	0.000655
29	0.001668	34.4	0.001102	39.8	0.000811	45.2	0.000652
29.1	0.001652	34.5	0.001088	39.9	0.000808	45.3	0.000651
29.2	0.001633	34.6	0.001079	40	0.000807	45.4	0.000648
29.3	0.00162	34.7	0.001074	40.1	0.000795	45.5	0.000647

Run B0.8-0.5

Input Signal			Output Signal			Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	27	0.001076	18	0	45	0.05552	72	0.008035
0.5	0.000163	27.5	0.000949	18.5	0.000093	45.5	0.05385	72.5	0.007792
1	0.000639	28	0.000639	19	0.00014	46	0.05096	73	0.007576
1.5	0.00237	28.5	0.000739	19.5	0.000244	46.5	0.050362	73.5	0.007351
2	0.006015	29	0.000555	20	0.000419	47	0.048961	74	0.007106
2.5	0.01147	29.5	0.000579	20.5	0.000692	47.5	0.04757	74.5	0.006879
3	0.018183	30	0.000515	21	0.00112	48	0.045854	75	0.006675
3.5	0.025393	30.5	0.000456	21.5	0.001677	48.5	0.043961	75.5	0.006526
4	0.032339	31	0.000413	22	0.002411	49	0.042427	76	0.006395
4.5	0.038428	31.5	0	22.5	0.003319	49.5	0.040991	76.5	0.006137
5	0.043997			23	0.004441	50	0.039517	77	0.005934
5.5	0.045864			23.5	0.005758	50.5	0.038236	77.5	0.005772
6	0.046752			24	0.00725	51	0.036897	78	0.00562
6.5	0.046246			24.5	0.008959	51.5	0.035354	78.5	0.005504
7	0.044533			25	0.010881	52	0.033965	79	0.005343
7.5	0.042176			25.5	0.013026	52.5	0.032521	79.5	0.005191
8	0.039531			26	0.015376	53	0.031295	80	0.005032
8.5	0.036803			26.5	0.017949	53.5	0.030126	80.5	0.004872
9	0.034218			27	0.020683	54	0.029031	81	0.004732
9.5	0.031947			27.5	0.023618	54.5	0.028015	81.5	0.004612
10	0.029889			28	0.026471	55	0.026961	82	0.004492
10.5	0.027932			28.5	0.02957	55.5	0.025899	82.5	0.004386
11	0.026112			29	0.032716	56	0.024834	83	0.004286
11.5	0.02457			29.5	0.035737	56.5	0.023929	83.5	0.004175
12	0.023174			30	0.038735	57	0.023086	84	0.004046
12.5	0.0218			30.5	0.041767	57.5	0.022183	84.5	0.00396
13	0.020516			31	0.04472	58	0.021271	85	0.003865
13.5	0.019273			31.5	0.047709	58.5	0.020466	85.5	0.003769
14	0.018025			32	0.050666	59	0.019746	86	0.003661
14.5	0.01677			32.5	0.053469	59.5	0.01905	86.5	0.003555
15	0.015596			33	0.056042	60	0.018359	87	0.003475
15.5	0.01446			33.5	0.058412	60.5	0.017701	87.5	0.003408
16	0.013321			34	0.060758	61	0.017045	88	0.003332
16.5	0.012224			34.5	0.062004	61.5	0.016444	88.5	0.003253
17	0.011232			35	0.063916	62	0.015867	89	0.00318
17.5	0.010305			35.5	0.065319	62.5	0.015224	89.5	0.003102
18	0.009404			36	0.066875	63	0.014689	90	0.003037
18.5	0.008537			36.5	0.067628	63.5	0.014177	90.5	0.002963
19	0.007715			37	0.068174	64	0.013764	91	0.002891
19.5	0.006906			37.5	0.068722	64.5	0.013283	91.5	0.002829
20	0.006079			38	0.069085	65	0.012812	92	0.002763
20.5	0.005329			38.5	0.069007	65.5	0.012335	92.5	0.00272
21	0.004707			39	0.068622	66	0.011947	93	0.002652
21.5	0.004192			39.5	0.068038	66.5	0.011564	93.5	0.002587
22	0.003755			40	0.06751	67	0.011137	94	0.002544
22.5	0.003366			40.5	0.067051	67.5	0.010731	94.5	0.002488
23	0.003002			41	0.066521	68	0.010377	95	0.002434
23.5	0.002654			41.5	0.06536	68.5	0.010077	95.5	0.002364
24	0.002328			42	0.064249	69	0.00982	96	0.002306
24.5	0.002031			42.5	0.062929	69.5	0.009516	96.5	0.00226
25	0.001789			43	0.061344	70	0.009209	97	0.002225
25.5	0.001583			43.5	0.059881	70.5	0.008875	97.5	0.002197
26	0.001391			44	0.058473	71	0.008563	98	0.002164
26.5	0.001226			44.5	0.05703	71.5	0.008278	98.5	0.002131

Run B0.8-0.75

Input Signal				Output Signal				Output Signal (continued)									
t (s)	Current (µA)	Time (s)	Current (µA)	t (s)	Current (µA)	Time (s)	Current (µA)	t (s)	Current (µA)	Time (s)	Current (µA)	t (s)	Current (µA)	Time (s)	Current (µA)		
0	0.000000	0.000000	0.000491	11.5	0.000000	0.077959	39	0.020975	52.75	0.006236	66.5	0.002031	80.25	0.000893	107.75	0.000508	
0.25	0.000025	0.4	0.000608	11.75	0.000051	25.5	0.07524	39.25	0.029943	53	0.006108	66.75	0.020477	80.5	0.000739	108.0	0.000574
0.5	0.0001079	14.25	0.000567	12	0.000415	25.75	0.14443	39.5	0.025958	53.25	0.009884	67	0.024442	80.75	0.001369	108.25	0.000571
0.75	0.000146	14.5	0.000591	12.25	0.000458	26	0.025958	40	0.025958	53.5	0.009884	67.25	0.024442	81	0.001369	108.5	0.000566
1	0.000676	14.75	0.004938	12.5	0.000831	26.25	0.073271	40	0.019844	53.75	0.005763	67.5	0.023986	81.25	0.001332	95	0.000829
1.25	0.01158	15	0.004589	12.75	0.00125	26.5	0.071432	40.25	0.018441	54	0.005652	67.75	0.023986	81.5	0.001339	95.25	0.00082
1.5	0.01158	15.25	0.004231	13	0.001633	26.75	0.069143	40.5	0.017363	54.25	0.005532	68	0.023986	81.75	0.001339	95.5	0.00082
1.75	0.023082	15.5	0.00389	13.25	0.002547	27	0.069306	40.75	0.017533	54.5	0.005431	68.25	0.02312	82	0.001289	95.75	0.0008
2	0.029224	15.75	0.003549	13.5	0.003671	27.25	0.068197	41	0.017137	54.75	0.005318	68.5	0.022638	82.25	0.00128	96	0.000794
2.25	0.030636	16	0.003231	13.75	0.004935	27.5	0.067139	41.25	0.016761	55	0.005204	68.75	0.022638	82.5	0.00128	96.25	0.000792
2.5	0.042474	16.25	0.002933	14	0.006431	27.75	0.066099	41.5	0.016442	55.25	0.005089	69	0.022638	82.75	0.00128	96.5	0.00079
2.75	0.047424	16.5	0.002663	14.25	0.008143	28	0.064764	41.75	0.016059	55.5	0.005042	69.25	0.022193	83	0.001248	96.75	0.000786
3	0.048029	16.75	0.002402	14.5	0.010116	28.25	0.063435	42	0.015626	55.75	0.004963	69.5	0.0217	83.25	0.001239	97	0.000783
3.25	0.05067	17	0.002177	14.75	0.012561	28.5	0.062122	42.25	0.015251	56	0.004879	69.75	0.0217	83.5	0.001239	97.25	0.000783
3.5	0.051553	17.25	0.002193	15	0.014268	28.75	0.060805	42.5	0.014891	56.25	0.004786	70	0.021116	83.75	0.001213	97.5	0.000764
3.75	0.051727	17.5	0.002179	15.25	0.01655	29	0.059575	42.75	0.014586	56.5	0.004697	70.25	0.020995	84	0.001202	97.75	0.000749
4	0.051727	17.75	0.002179	15.5	0.018905	29.25	0.058262	43	0.014268	56.75	0.004609	70.5	0.020995	84.25	0.001202	98	0.000749
4.25	0.049702	18	0.002140	15.75	0.021572	29.5	0.057235	43.25	0.013981	57	0.004523	70.75	0.020995	84.5	0.001183	98.25	0.000754
4.5	0.047893	18.25	0.002113	16	0.024088	29.75	0.055847	43.5	0.013646	57.25	0.004425	71	0.020306	84.75	0.00117	98.5	0.00075
4.75	0.045756	18.5	0.002112	16.25	0.026652	30	0.054329	43.75	0.013349	57.5	0.004344	71.25	0.020307	85	0.001157	98.75	0.000739
5	0.043624	18.75	0.002112	16.5	0.029212	30.25	0.053037	44	0.013039	57.75	0.004263	71.5	0.020307	85.25	0.001157	99	0.000739
5.25	0.040768	19	0.002092	16.75	0.03182	30.5	0.051805	44.25	0.012735	58	0.004205	71.75	0.019197	85.5	0.001132	99.25	0.000727
5.5	0.038217	19.25	0.002085	17	0.034451	30.75	0.050546	44.5	0.012427	58.25	0.004143	72	0.019195	85.75	0.001125	99.5	0.000726
5.75	0.035976	19.5	0.002075	17.25	0.037095	31	0.049305	44.75	0.01212	58.5	0.004076	72.25	0.019195	86	0.001125	99.75	0.000726
6	0.03359	19.75	0.002067	17.5	0.03984	31.25	0.048149	45	0.011856	58.75	0.003996	72.5	0.019195	86.25	0.001104	100	0.00071
6.25	0.031498	20	0.002054	17.75	0.041885	31.5	0.046949	45.25	0.011593	59	0.003924	72.75	0.018719	86.5	0.001094	100.25	0.000703
6.5	0.029247	20.25	0.002047	18	0.044562	31.75	0.045696	45.5	0.011341	59.25	0.003848	73	0.018719	86.75	0.001094	100.5	0.000703
6.75	0.027996	20.5	0.002042	18.25	0.046999	32	0.044468	45.75	0.011112	59.5	0.003793	73.25	0.018289	87	0.001062	100.75	0.0007
7	0.02646	20.75	0.0020375	18.5	0.049627	32.25	0.043295	46	0.010896	59.75	0.00374	73.5	0.018289	87.25	0.001062	101	0.000693
7.25	0.025066	21	0.00203	18.75	0.052448	32.5	0.042326	46.25	0.010689	60	0.003688	73.75	0.017383	87.5	0.001062	101.25	0.000695
7.5	0.02374	21.25	0.002027	19	0.05517	32.75	0.04141	46.5	0.010493	60.25	0.003638	74	0.017383	87.75	0.001062	101.5	0.000694
7.75	0.022511	21.5	0.00202	19.25	0.056915	33	0.039995	46.75	0.010226	60.5	0.003584	74.25	0.017177	88	0.001014	101.75	0.000679
8	0.021565	21.75	0.002015	19.5	0.059995	33.25	0.038988	47	0.010003	60.75	0.003549	74.5	0.017177	88.25	0.001026	102	0.000677
8.25	0.02079	22	0.00201	19.75	0.061173	33.5	0.037913	47.25	0.009781	61	0.003514	74.75	0.017177	88.5	0.001026	102.25	0.000677
8.5	0.019962	22.25	0.002006	20	0.063635	33.75	0.037029	47.5	0.009561	61.25	0.003374	75	0.017189	88.75	0.001014	102.5	0.00066
8.75	0.01918	22.5	0.002002	20.25	0.066473	34	0.036074	47.75	0.009309	61.5	0.003333	75.25	0.016953	89	0.001004	102.75	0.000669
9	0.01845	22.75	0.002001	20.5	0.069665	34.25	0.035093	48	0.009081	61.75	0.003289	75.5	0.016953	89.25	0.001004	103	0.000669
9.25	0.017586	23	0.002001	20.75	0.068119	34.5	0.034073	48.25	0.008945	62	0.00324	75.75	0.016953	89.5	0.000993	103.25	0.000664
9.5	0.016835	23.25	0.002001	21	0.069601	34.75	0.033074	48.5	0.008778	62.25	0.003196	76	0.016033	89.75	0.000962	103.5	0.000649
9.75	0.016168	23.5	0.002001	21.25	0.071028	35	0.032179	48.75	0.008576	62.5	0.003144	76.25	0.016033	90	0.000907	103.75	0.000645
10	0.015576	23.75	0.002001	21.5	0.072462	35.25	0.031348	49	0.00834	62.75	0.003093	76.5	0.016033	90.25	0.000864	104	0.00064
10.25	0.014881	24	0.002001	21.75	0.073467	35.5	0.030474	49.25	0.008124	63	0.003053	76.75	0.015199	90.5	0.000857	104.25	0.000629
10.5	0.014131	24.25	0.002001	22	0.074551	35.75	0.029638	49.5	0.007896	63.25	0.002995	77	0.015199	90.75	0.00085	104.5	0.00063
10.75	0.013433	24.5	0.002001	22.25	0.075132	36	0.028762	49.75	0.007654	63.5	0.002954	77.25	0.015199	91	0.00085	104.75	0.00063
11	0.012586	24.75	0.002001	22.5	0.076941	36.25	0.027966	50	0.007375	63.75	0.002904	77.5	0.015144	91.25	0.000926	105	0.000629
11.25	0.011849	24.9	0.002001	22.75	0.078581	36.5	0.027247	50.25	0.007607	64	0.002864	77.75	0.015125	91.5	0.000919	105.25	0.000618
11.5	0.01112	25	0.002001	23	0.077001	37	0.02644	50.5	0.007375	64.25	0.002833	78	0.015125	91.75	0.000919	105.5	0.000618
11.75	0.010516	25.25	0.002001	23.25	0.077977	37.25	0.025922	50.75	0.007308	64.5	0.002792	78.25	0.015196	92	0.000905	105.75	0.000596
12	0.009948	25.5	0.002001	23.5	0.077835	37.5	0.025294	51	0.007152	64.75	0.002762	78.5	0.015196	92.25	0.000905	106	0.000603
12.25	0.009421	25.75	0.002001	23.75	0.075887	37.75	0.024638	51.25	0.006996	65	0.002728	78.75	0.014892	92.5	0.000897	106.25	0.000611
12.5	0.008976	26	0.002001	24	0.074962	38	0.024009	51.5	0.006884	65.25	0.002697	79	0.014892	92.75	0.000897	106.5	0.000611
12.75	0.008474	26.25	0.002001	24.25	0.077165	38.25	0.023349	51.75	0.006783	65.5	0.002647	79.25	0.014318	93	0.000885	106.75	0.00059
13	0.007985	26.5	0.002001	24.5	0.077098	38.5	0.022702	52	0.006592	65.75	0.002608	79.5	0.014324	93.25	0.000887	107	0.000592
13.25	0.0075	26.75	0.002001	24.75	0.076862	38.75	0.022132	52.25	0.006485	66	0.002578	79.75	0.014318	93.5	0.000887	107.25	0.000592
13.5	0.006966	27	0.002001	25	0.076544	38.75	0.021522	52.5	0.006388	66.25	0.002555	80	0.013925	93.75	0.000858	107.5	0.000588

Run B0.8-1.0

Input Signal					
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)
0	0	5.6	0.023831	11.2	0.005407
0.1	0.000073	5.7	0.023316	11.3	0.005166
0.2	0.000122	5.8	0.022888	11.4	0.004944
0.3	0.000233	5.9	0.022455	11.5	0.004733
0.4	0.000468	6	0.022003	11.6	0.00452
0.5	0.000878	6.1	0.021767	11.7	0.004316
0.6	0.002404	6.2	0.021414	11.8	0.004136
0.7	0.003705	6.3	0.021082	11.9	0.003945
0.8	0.005396	6.4	0.020693	12	0.003781
0.9	0.007517	6.5	0.020336	12.1	0.003616
1	0.01003	6.6	0.019884	12.2	0.003462
1.1	0.012934	6.7	0.019447	12.3	0.003304
1.2	0.016009	6.8	0.019023	12.4	0.003157
1.3	0.019201	6.9	0.018598	12.5	0.003013
1.4	0.024099	7	0.018129	12.6	0.00288
1.5	0.027075	7.1	0.017677	12.7	0.002751
1.6	0.029909	7.2	0.017254	12.8	0.002618
1.7	0.034296	7.3	0.016824	12.9	0.002493
1.8	0.036838	7.4	0.016445	13	0.002377
1.9	0.039286	7.5	0.01609	13.1	0.002275
2	0.041474	7.6	0.015722	13.2	0.002071
2.1	0.043464	7.7	0.015367	13.3	0.00197
2.2	0.04507	7.8	0.015053	13.4	0.001878
2.3	0.046406	7.9	0.014713	13.5	0.00179
2.4	0.047355	8	0.014388	13.6	0.0017
2.5	0.04796	8.1	0.014063	13.7	0.001616
2.6	0.048306	8.2	0.013732	13.8	0.001535
2.7	0.04834	8.3	0.013413	13.9	0.001457
2.8	0.048163	8.4	0.013086	14	0.001385
2.9	0.047706	8.5	0.012761	14.1	0.001315
3	0.047155	8.6	0.012425	14.2	0.001242
3.1	0.046453	8.7	0.012102	14.3	0.001179
3.2	0.045688	8.8	0.011783	14.4	0.001107
3.3	0.044783	8.9	0.011441	14.5	0.001048
3.4	0.043905	9	0.011111	14.6	0.000984
3.5	0.042906	9.1	0.010811	14.7	0.000928
3.6	0.041906	9.2	0.010511	14.8	0.000881
3.7	0.040784	9.3	0.010227	14.9	0.000828
3.8	0.03974	9.4	0.009947	15	0.000784
3.9	0.038702	9.5	0.009644	15.1	0.000738
4	0.037598	9.6	0.00936	15.2	0.000696
4.1	0.036515	9.7	0.009081	15.3	0.000652
4.2	0.035376	9.8	0.008807	15.4	0.000619
4.3	0.03428	9.9	0.008487	15.5	0.000583
4.4	0.033165	10	0.008212	15.6	0.00055
4.5	0.032134	10.1	0.007949	15.7	0.000525
4.6	0.03112	10.2	0.007675	15.8	0.000502
4.7	0.030176	10.3	0.007423	15.9	0.000473
4.8	0.029297	10.4	0.007174	16	0.000448
4.9	0.028478	10.5	0.006907	16.1	0.000425
5	0.027737	10.6	0.006617	16.2	0.000402
5.1	0.026993	10.7	0.006361	16.3	0.000384
5.2	0.026315	10.8	0.006127	16.4	0
5.3	0.025603	10.9	0.005908		
5.4	0.024992	11	0.005689		
5.5	0.024375	11.1	0.005466		

Output Signal																Output Signal (continued)															
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)										
4.4	0	10	0.031607	15.6	0.078963	21.2	0.049329	26.8	0.02149	32.4	0.010471	38	0.006155	43.6	0.003977																
4.5	0.000239	10.1	0.033336	15.7	0.079767	21.3	0.048648	26.9	0.021153	32.5	0.010362	38.1	0.0061	43.7	0.003943																
4.6	0.000244	10.2	0.031044	15.8	0.07863	21.4	0.047942	27	0.02078	32.6	0.010264	38.2	0.00604	43.8	0.003922																
4.7	0.000252	10.3	0.031797	15.9	0.079436	21.5	0.047292	27.1	0.020447	32.7	0.010154	38.3	0.005996	43.9	0.003891																
4.8	0.000271	10.4	0.031016	16	0.079263	21.6	0.046581	27.2	0.020114	32.8	0.010063	38.4	0.005944	44	0.003866																
4.9	0.000283	10.5	0.040870	16.1	0.078979	21.7	0.045982	27.3	0.019818	32.9	0.009943	38.5	0.005897	44.1	0.003834																
5	0.000296	10.6	0.040576	16.2	0.078783	21.8	0.045283	27.4	0.01951	33	0.009844	38.6	0.005854	44.2	0.003809																
5.1	0.000296	10.7	0.044237	16.3	0.078494	21.9	0.044613	27.5	0.019254	33.1	0.009733	38.7	0.005811	44.3	0.003777																
5.2	0.000301	10.8	0.045847	16.4	0.078228	22	0.043986	27.6	0.018994	33.2	0.009639	38.8	0.005765	44.4	0.00375																
5.3	0.000313	10.9	0.047409	16.5	0.077903	22.1	0.043385	27.7	0.018775	33.3	0.009537	38.9	0.005707	44.5	0.003714																
5.4	0.000317	11	0.048924	16.6	0.077659	22.2	0.042775	27.8	0.018539	33.4	0.009441	39	0.005666	44.6	0.003673																
5.5	0.000324	11.1	0.050384	16.7	0.077302	22.3	0.042166	27.9	0.018307	33.5	0.009341	39.1	0.005614	44.7	0.003634																
5.6	0.00033	11.2	0.051789	16.8	0.076933	22.4	0.041546	28	0.018077	33.6	0.00923	39.2	0.005572	44.8	0.003594																
5.7	0.000339	11.3	0.05313	16.9	0.07652	22.5	0.040909	28.1	0.017838	33.7	0.009138	39.3	0.005517	44.9	0.003579																
5.8	0.000335	11.4	0.054512	17	0.076081	22.6	0.040233	28.2	0.017618	33.8	0.009037	39.4	0.005482	45	0.003557																
5.9	0.000341	11.5	0.055791	17.1	0.075674	22.7	0.039603	28.3	0.017388	33.9	0.008955	39.5	0.005437	45.1	0.003528																
6	0.000346	11.6	0.057024	17.2	0.075161	22.8	0.038984	28.4	0.017143	34	0.008865	39.6	0.005414	45.2	0.003515																
6.1	0.000346	11.7	0.058223	17.3	0.074674	22.9	0.038386	28.5	0.016897	34.1	0.008784	39.7	0.005377	45.3	0.003491																
6.2	0.000348	11.8	0.05939	17.4	0.074174	23	0.037728	28.6	0.016654	34.2	0.008691	39.8	0.005352	45.4	0.003464																
6.3	0.000355	11.9	0.060521	17.5	0.073702	23.1	0.037101	28.7	0.016404	34.3	0.008627	39.9	0.005315	45.5	0.003446																
6.4	0.000351	12	0.061715	17.6	0.073185	23.2	0.036568	28.8	0.016175	34.4	0.008546	40	0.005275	45.6	0.003431																
6.5	0.000355	12.1	0.062769	17.7	0.072724	23.3	0.036139	28.9	0.015946	34.5	0.008469	40.1	0.005224	45.7	0.003405																
6.6	0.000357	12.2	0.063824	17.8	0.072189	23.4	0.035617	29	0.01573	34.6	0.008381	40.2	0.005166	45.8	0.003384																
6.7	0.000352	12.3	0.064827	17.9	0.071655	23.5	0.035106	29.1	0.015526	34.7	0.008294	40.3	0.005112	45.9	0.003364																
6.8	0.000345	12.4	0.065796	18	0.071064	23.6	0.034609	29.2	0.015314	34.8	0.008208	40.4	0.005058	46	0.003338																
6.9	0.000354	12.5	0.066727	18.1	0.070499	23.7	0.034106	29.3	0.015112	34.9	0.008121	40.5	0.0049818	46.1	0.003313																
7	0.00035	12.6	0.06765	18.2	0.069758	23.8	0.033646	29.4	0.014925	35	0.008024	40.6	0.004963	46.2	0.003289																
7.1	0.000353	12.7	0.068486	18.3	0.069019	23.9	0.033134	29.5	0.014731	35.1	0.007969	40.7	0.00493	46.3	0.003266																
7.2	0.000351	12.8	0.06931	18.4	0.068361	24	0.032662	29.6	0.014539	35.2	0.007906	40.8	0.004894	46.4	0.003241																
7.3	0.000348	12.9	0.070101	18.5	0.067631	24.1	0.032153	29.7	0.014377	35.3	0.007838	40.9	0.004866	46.5	0.003218																
7.4	0.000349	13	0.07085	18.6	0.06703	24.2	0.031673	29.8	0.014214	35.4	0.007777	41	0.004843	46.6	0.00319																
7.5	0.000358	13.1	0.071229	18.7	0.066324	24.3	0.031158	29.9	0.014037	35.5	0.007694	41.1	0.004817	46.7	0.003164																
7.6	0.000393	13.2	0.072977	18.8	0.065717	24.4	0.030688	30	0.013878	35.6	0.007613	41.2	0.004784	46.8	0.003143																
7.7	0.000435	13.3	0.073683	18.9	0.065109	24.5	0.030204	30.1	0.013715	35.7	0.007537	41.3	0.004752	46.9	0.003122																
7.8	0.000549	13.4	0.074393	19	0.064439	24.6	0.029742	30.2	0.013548	35.8	0.007449	41.4	0.004718	47	0.003102																
7.9	0.00074	13.5	0.075043	19.1	0.063776	24.7	0.029304	30.3	0.013378	35.9	0.007368	41.5	0.004684	47.1	0.003079																
8	0.00103	13.6	0.075621	19.2	0.063129	24.8	0.028839	30.4	0.013191	36	0.007289	41.6	0.004646	47.2	0.003057																
8.1	0.001447	13.7	0.076144	19.3	0.062472	24.9	0.028402	30.5	0.013026	36.1	0.007224	41.7	0.004602	47.3	0.003037																
8.2	0.001988	13.8	0.076549	19.4	0.061814	25	0.02795	30.6	0.012852	36.2	0.007147	41.8	0.004557	47.4	0.003022																
8.3	0.002703	13.9	0.076959	19.5	0.061149	25.1	0.027533	30.7	0.0127	36.3	0.007105	41.9	0.004514	47.5	0.002997																
8.4	0.003553	14	0.077297	19.6	0.060488	25.2	0.027124	30.8	0.012538	36.4	0.00705	42	0.004484	47.6	0.002975																
8.5	0.004564	14.1	0.077695	19.7	0.059786	25.3	0.026748	30.9	0.012415	36.5	0.006989	42.1	0.004434	47.7	0.002926																
8.6	0.005729	14.2	0.077995	19.8	0.05906	25.4	0.026367	31	0.012228	36.6	0.006943	42.2	0.004407	47.8	0.002933																
8.7	0.007041	14.3	0.078338	19.9	0.058371	25.5	0.025997	31.1	0.012145	36.7	0.006901	42.3	0.004374	47.9	0.002916																
8.8	0.008506	14.4	0.078673	20	0.057656	25.6	0.025656	31.2	0.011999	36.8	0.006845	42.4	0.004327	48	0.002894																
8.9	0.010889	14.5	0.07901	20.1	0.056936	25.7	0.025317	31.3	0.01184	36.9	0.006789	42.5	0.004289	48.1	0.002875																
9	0.01181	14.6	0.079302	20.2	0.056171	25.8	0.024972	31.4	0.011695	37	0.006744	42.6	0.004257	48.2	0.002856																
9.1	0.01363	14.7	0.079518	20.3	0.055397	25.9	0.024637	31.5	0.011534	37.1	0.006688	42.7	0.004213	48.3	0.002832																
9.2	0.015715	14.8	0.079571	20.4	0.054611	26	0.024312	31.6	0.011371	37.2	0.006633	42.8	0.00417	48.4	0.00281																
9.3	0.017546	14.9	0.079868	20.5	0.053969	26.1	0.023953	31.7	0.011204	37.3	0.006581	42.9	0.004137	48.5	0.002803																
9.4	0.019569	15	0.079967	20.6	0.05332	26.2	0.023531	31.8	0.011048	37.4	0.006549	43	0.004144	48.6	0.002779																
9.5	0.02173	15.1	0.080139	20.7	0.052693	26.3	0.023147	31.9	0.010896	37.5	0.006517	43.1	0.004148	48.7	0.002759																
9.6	0.023651	15.2	0.080108	20.8	0.051937	26.4	0.022697	32	0.010905	37.6	0.006499	43.2	0.004091	48.8	0.002746																
9.7	0.025675	15.3	0.080149	20.9	0.051235	26.5	0.022394	32.1	0.010805	37.7	0.006411	43.3	0.004046	48.9	0.002719																
9.8	0.02782	15.4	0.080921	21	0.050591	26.6	0.022091	32.2	0.010694	37.8	0.006364	43.4	0.004016	49	0.002692																
9.9	0.029664	15.5	0.080049	21.1	0.049994	26.7	0.021818	32.3	0.010508	37.9	0.006314	43.5	0.004011	49.1	0.002671																

Output Signal (continued)											
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
49.2	0.002642	54.8	0.001871	60.4	0.001344	66	0.001005	71.6	0.000787	77.2	0.000582
49.3	0.002625	54.9	0.001854	60.5	0.001336	66.1	0.001004	71.7	0.000781	77.3	0.000579
49.4	0.002604	55	0.001837	60.6	0.001334	66.2	0.000995	71.8	0.000773	77.4	0.000579
49.5	0.002592	55.1	0.001825	60.7	0.001327	66.3	0.000992	71.9	0.000751	77.5	0.000578
49.6	0.002574	55.2	0.001809	60.8	0.001324	66.4	0.000979	72	0.000748	77.6	0.000574
49.7	0.002569	55.3	0.001802	60.9	0.001317	66.5	0.000972	72.1	0.000748	77.7	0.000572
49.8	0.00255	55.4	0.001781	61	0.00131	66.6	0.00096	72.2	0.000747	77.8	0.000569
49.9	0.002544	55.5	0.001767	61.1	0.001298	66.7	0.000958	72.3	0.000746	77.9	0.000569
50	0.002527	55.6	0.001764	61.2	0.001294	66.8	0.000954	72.4	0.000745	78	0.000563
50.1	0.002519	55.7	0.001745	61.3	0.001285	66.9	0.000945	72.5	0.000738	78.1	0.000566
50.2	0.002508	55.8	0.001737	61.4	0.001278	67	0.000948	72.6	0.000735	78.2	0.000555
50.3	0.002491	55.9	0.001713	61.5	0.001269	67.1	0.000951	72.7	0.000753	78.3	0.000552
50.4	0.002476	56	0.001718	61.6	0.001268	67.2	0.000946	72.8	0.000724	78.4	0.000557
50.5	0.002453	56.1	0.001702	61.7	0.001259	67.3	0.000943	72.9	0.000722	78.5	0.000545
50.6	0.002432	56.2	0.001704	61.8	0.001258	67.4	0.000946	73	0.000715	78.6	0.000543
50.7	0.002413	56.3	0.00169	61.9	0.001241	67.5	0.000937	73.1	0.000709	78.7	0.000546
50.8	0.002398	56.4	0.001683	62	0.00123	67.6	0.00094	73.2	0.000704	78.8	0.000543
50.9	0.002376	56.5	0.001675	62.1	0.001222	67.7	0.00094	73.3	0.000703	78.9	0.000539
51	0.002359	56.6	0.001667	62.2	0.001212	67.8	0.000929	73.4	0.0007	79	0.000541
51.1	0.002335	56.7	0.001664	62.3	0.001202	67.9	0.000925	73.5	0.000697	79.1	0.000542
51.2	0.00232	56.8	0.001649	62.4	0.001197	68	0.000922	73.6	0.000689	79.2	0.000538
51.3	0.002301	56.9	0.001646	62.5	0.00119	68.1	0.000914	73.7	0.000694	79.3	0.000543
51.4	0.002287	57	0.001628	62.6	0.001188	68.2	0.000901	73.8	0.000693	79.4	0.000538
51.5	0.002275	57.1	0.001628	62.7	0.001184	68.3	0.000898	73.9	0.000692	79.5	0.000534
51.6	0.00226	57.2	0.001618	62.8	0.001184	68.4	0.000895	74	0.000692	79.6	0.000531
51.7	0.002251	57.3	0.001613	62.9	0.001175	68.5	0.000884	74.1	0.000688	79.7	0.000529
51.8	0.002233	57.4	0.001592	63	0.001174	68.6	0.000891	74.2	0.000679	79.8	0.000518
51.9	0.002222	57.5	0.001593	63.1	0.001167	68.7	0.000878	74.3	0.000674	79.9	0.000518
52	0.002211	57.6	0.001582	63.2	0.001165	68.8	0.000877	74.4	0.000674	80	0.000524
52.1	0.002188	57.7	0.001567	63.3	0.001156	68.9	0.000871	74.5	0.00067	80.1	0.000514
52.2	0.002171	57.8	0.001555	63.4	0.001154	69	0.000867	74.6	0.000668	80.2	0.000518
52.3	0.002159	57.9	0.001541	63.5	0.001149	69.1	0.000867	74.7	0.000666	80.3	0.000516
52.4	0.002143	58	0.001532	63.6	0.001137	69.2	0.000859	74.8	0.000664	80.4	0.000517
52.5	0.002131	58.1	0.001521	63.7	0.001131	69.3	0.000862	74.9	0.000661	80.5	0.00051
52.6	0.002122	58.2	0.001516	63.8	0.001128	69.4	0.000856	75	0.000654	80.6	0.000518
52.7	0.002116	58.3	0.0015	63.9	0.00112	69.5	0.000853	75.1	0.000645	80.7	0.000524
52.8	0.002108	58.4	0.001503	64	0.001107	69.6	0.000844	75.2	0.000645	80.8	0.000521
52.9	0.002099	58.5	0.001493	64.1	0.001106	69.7	0.000838	75.3	0.000636	80.9	0.000514
53	0.002094	58.6	0.001488	64.2	0.001102	69.8	0.000834	75.4	0.000628	81	0.000518
53.1	0.002081	58.7	0.001479	64.3	0.001095	69.9	0.000831	75.5	0.000624	81.1	0.000517
53.2	0.002067	58.8	0.001471	64.4	0.001089	70	0.000828	75.6	0.000622	81.2	0.000509
53.3	0.00204	58.9	0.001463	64.5	0.001082	70.1	0.000828	75.7	0.000622	81.3	0.000511
53.4	0.002027	59	0.001451	64.6	0.001081	70.2	0.000824	75.8	0.000615	81.4	0.000508
53.5	0.002009	59.1	0.001444	64.7	0.001071	70.3	0.000822	75.9	0.000617	81.5	0.000503
53.6	0.001988	59.2	0.001437	64.8	0.001066	70.4	0.000818	76	0.000614	81.6	0.000503
53.7	0.00198	59.3	0.001427	64.9	0.001055	70.5	0.000814	76.1	0.000618	81.7	0.000499
53.8	0.001968	59.4	0.001424	65	0.001055	70.6	0.000804	76.2	0.000618	81.8	0.0005
53.9	0.001963	59.5	0.001416	65.1	0.001047	70.7	0.000805	76.3	0.000614	81.9	0.000503
54	0.001952	59.6	0.00141	65.2	0.00104	70.8	0.000801	76.4	0.00061	82	0.000499
54.1	0.001946	59.7	0.001402	65.3	0.001034	70.9	0.000796	76.5	0.000615	82.1	0.000498
54.2	0.001938	59.8	0.001388	65.4	0.001031	71	0.000785	76.6	0.000608	82.2	0.000499
54.3	0.001925	59.9	0.001382	65.5	0.001022	71.1	0.000777	76.7	0.000603	82.3	0.000498
54.4	0.00192	60	0.001372	65.6	0.001018	71.2	0.000779	76.8	0.000602	82.4	0.000497
54.5	0.001906	60.1	0.001358	65.7	0.001017	71.3	0.000768	76.9	0.000597	82.5	0.000499
54.6	0.001893	60.2	0.001354	65.8	0.001007	71.4	0.000765	77	0.000595	82.6	0.000494
54.7	0.00188	60.3	0.001353	65.9	0.001014	71.5	0.000764	77.1	0.00059	82.7	0.000499

Run B0.8-1.5

Input Signal						Input Signal (continued)					
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)
0	0	5.4	0.014989	10.8	0.001728	16.2	0.001041	21.6	0.000752	27	0.000533
0.1	0.000084	5.5	0.014569	10.9	0.001672	16.3	0.001045	21.7	0.000748	27.1	0.000530
0.2	0.000175	5.6	0.014166	11	0.001615	16.4	0.001034	21.8	0.000746	27.2	0.000530
0.3	0.000781	5.7	0.013755	11.1	0.001563	16.5	0.001030	21.9	0.000741	27.3	0.000529
0.4	0.00177	5.8	0.013369	11.2	0.001523	16.6	0.001033	22	0.000733	27.4	0.000526
0.5	0.003963	5.9	0.012949	11.3	0.001475	16.7	0.001018	22.1	0.000727	27.5	0.000522
0.6	0.005989	6	0.012554	11.4	0.001448	16.8	0.001011	22.2	0.000722	27.6	0.000522
0.7	0.008934	6.1	0.012202	11.5	0.001427	16.9	0.001010	22.3	0.000714	27.7	0.000518
0.8	0.012573	6.2	0.011819	11.6	0.001401	17	0.001008	22.4	0.000699	27.8	0.000517
0.9	0.016817	6.3	0.011328	11.7	0.001380	17.1	0.001007	22.5	0.000686	27.9	0.000513
1	0.020991	6.4	0.010945	11.8	0.001362	17.2	0.001009	22.6	0.000690	28	0.000512
1.1	0.025673	6.5	0.010587	11.9	0.001344	17.3	0.001009	22.7	0.000686	28.1	0.000500
1.2	0.030149	6.6	0.010288	12	0.001323	17.4	0.001006	22.8	0.000681	28.2	0.000502
1.3	0.034406	6.7	0.009946	12.1	0.001305	17.5	0.001007	22.9	0.000683	28.3	0.000492
1.4	0.038201	6.8	0.009529	12.2	0.001285	17.6	0.001012	23	0.000685	28.4	0.000492
1.5	0.041353	6.9	0.009134	12.3	0.001269	17.7	0.001004	23.1	0.000688	28.5	0.000476
1.6	0.043928	7	0.008643	12.4	0.001253	17.8	0.001004	23.2	0.000685	28.6	0.000465
1.7	0.045986	7.1	0.008168	12.5	0.001243	17.9	0.000989	23.3	0.000688	28.7	0.000450
1.8	0.04731	7.2	0.008496	12.6	0.001230	18	0.000991	23.4	0.000684	28.8	0.000446
1.9	0.04814	7.3	0.008275	12.7	0.001212	18.1	0.000996	23.5	0.000680	28.9	0.000431
2	0.048225	7.4	0.007947	12.8	0.001203	18.2	0.000985	23.6	0.000677	29	0.000427
2.1	0.047799	7.5	0.007656	12.9	0.001198	18.3	0.000987	23.7	0.000675	29.1	0.000424
2.2	0.046869	7.6	0.007383	13	0.001187	18.4	0.000976	23.8	0.000669	29.2	0.000413
2.3	0.045606	7.7	0.00707	13.1	0.001187	18.5	0.000971	23.9	0.000669	29.3	0.000413
2.4	0.044167	7.8	0.006782	13.2	0.001182	18.6	0.000962	24	0.000956	29.4	0.000402
2.5	0.042543	7.9	0.006512	13.3	0.001173	18.7	0.000952	24.1	0.000949	29.5	0
2.6	0.040845	8	0.006238	13.4	0.001168	18.8	0.000945	24.2	0.000944		
2.7	0.039109	8.1	0.005975	13.5	0.001164	18.9	0.000945	24.3	0.000935		
2.8	0.037349	8.2	0.005719	13.6	0.001157	19	0.000939	24.4	0.000925		
2.9	0.035637	8.3	0.005466	13.7	0.001142	19.1	0.000933	24.5	0.000923		
3	0.033966	8.4	0.005232	13.8	0.001141	19.2	0.000929	24.6	0.000911		
3.1	0.032377	8.5	0.004997	13.9	0.001128	19.3	0.000923	24.7	0.000910		
3.2	0.030899	8.6	0.00478	14	0.001126	19.4	0.000922	24.8	0.000905		
3.3	0.0294	8.7	0.004566	14.1	0.001131	19.5	0.000907	24.9	0.000905		
3.4	0.02815	8.8	0.004336	14.2	0.001118	19.6	0.000896	26	0.000999		
3.5	0.026964	8.9	0.004164	14.3	0.001125	19.7	0.000888	25.1	0.000900		
3.6	0.025907	9	0.003973	14.4	0.001120	19.8	0.000871	25.2	0.000904		
3.7	0.024906	9.1	0.003789	14.5	0.001120	19.9	0.000866	25.3	0.000987		
3.8	0.023986	9.2	0.003582	14.6	0.001124	20	0.000855	25.4	0.000989		
3.9	0.023137	9.3	0.003329	14.7	0.001115	20.1	0.000843	25.5	0.000981		
4	0.02237	9.4	0.003087	14.8	0.001121	20.2	0.000832	25.6	0.000976		
4.1	0.021646	9.5	0.002848	14.9	0.001114	20.3	0.000824	25.7	0.000958		
4.2	0.020921	9.6	0.002617	15	0.001104	20.4	0.000815	25.8	0.000953		
4.3	0.020298	9.7	0.002396	15.1	0.001105	20.5	0.000812	25.9	0.000959		
4.4	0.0197	9.8	0.002275	15.2	0.001092	20.6	0.000810	26	0.000955		
4.5	0.019064	9.9	0.002471	15.3	0.001085	20.7	0.000809	26.1	0.000954		
4.6	0.018524	10	0.002384	15.4	0.001084	20.8	0.000798	26.2	0.000956		
4.7	0.01803	10.1	0.002272	15.5	0.001063	20.9	0.000798	26.3	0.000951		
4.8	0.017542	10.2	0.002191	15.6	0.001060	21	0.000793	26.4	0.000954		
4.9	0.017086	10.3	0.002106	15.7	0.001048	21.1	0.000785	26.5	0.000947		
5	0.016654	10.4	0.002021	15.8	0.001040	21.2	0.000781	26.6	0.000944		
5.1	0.01622	10.5	0.001938	15.9	0.001047	21.3	0.000779	26.7	0.000942		
5.2	0.015804	10.6	0.001863	16	0.001046	21.4	0.000773	26.8	0.000941		
5.3	0.015387	10.7	0.001799	16.1	0.001046	21.5	0.000766	26.9	0.000934		

Output Signal					
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)
4.8	0	10.2	0.085347	15.6	0.043964
4.9	0.000484	10.3	0.085403	15.7	0.043627
5	0.000519	10.4	0.085395	15.8	0.043079
5.1	0.000636	10.5	0.085383	15.9	0.041121
5.2	0.00091	10.6	0.086298	16	0.040187
5.3	0.001428	10.7	0.085193	16.1	0.039275
5.4	0.002271	10.8	0.085656	16.2	0.03838
5.5	0.003474	10.9	0.08486	16.3	0.037529
5.6	0.005058	11	0.084607	16.4	0.036995
5.7	0.007011	11.1	0.084288	16.5	0.036869
5.8	0.009325	11.2	0.083923	16.6	0.036999
5.9	0.012258	11.3	0.083501	16.7	0.034191
6	0.015524	11.4	0.083013	16.8	0.033404
6.1	0.018736	11.5	0.082455	16.9	0.032635
6.2	0.024648	11.6	0.081886	17	0.031864
6.3	0.028143	11.7	0.08131	17.1	0.031106
6.4	0.031376	11.8	0.080681	17.2	0.03036
6.5	0.034913	11.9	0.080059	17.3	0.029630
6.6	0.038127	12	0.079403	17.4	0.028938
6.7	0.041215	12.1	0.078702	17.5	0.028251
6.8	0.044146	12.2	0.077953	17.6	0.027586
6.9	0.046943	12.3	0.077138	17.7	0.026944
7	0.049586	12.4	0.076301	17.8	0.026329
7.1	0.052087	12.5	0.07545	17.9	0.025714
7.2	0.054358	12.6	0.074588	18	0.025118
7.3	0.056436	12.7	0.073703	18.1	0.024519
7.4	0.058401	12.8	0.072775	18.2	0.023947
7.5	0.060227	12.9	0.071819	18.3	0.023375
7.6	0.062076	13	0.070827	18.4	0.02283
7.7	0.063779	13.1	0.069803	18.5	0.022315
7.8	0.065344	13.2	0.068793	18.6	0.021778
7.9	0.066883	13.3	0.067779	18.7	0.021288
8	0.068332	13.4	0.066766	18.8	0.020793
8.1	0.069775	13.5	0.065756	18.9	0.0203
8.2	0.07105	13.6	0.064736	19	0.01982
8.3	0.07229	13.7	0.063699	19.1	0.019364
8.4	0.073425	13.8	0.062649	19.2	0.018912
8.5	0.074486	13.9	0.061587	19.3	0.018485
8.6	0.075486	14	0.060502	19.4	0.018071
8.7	0.076428	14.1	0.059429	19.5	0.017665
8.8	0.07736	14.2	0.058339	19.6	0.01728
8.9	0.078218	14.3	0.057254	19.7	0.01691
9	0.079057	14.4	0.056174	19.8	0.016543
9.1	0.079901	14.5	0.055107	19.9	0.016181
9.2	0.080777	14.6	0.054042	20	0.015827
9.3	0.082234	14.7	0.05299	20.1	0.015491
9.4	0.082813	14.8	0.051955	20.2	0.01516
9.5	0.08333	14.9	0.050925	20.3	0.014835
9.6	0.083792	15	0.049895	20.4	0.014511
9.7	0.08425	15.1	0.048873	20.5	0.01421
9.8	0.084632	15.2	0.047844	20.6	0.01391
9.9	0.084927	15.3	0.046838	20.7	0.01363
10	0.08517	15.4	0.045873	20.8	0.013355
10.1	0.085271	15.5	0.044911	20.9	0.013084

Output Signal (continued)											
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
26.4	0.005435	31.8	0.003189	37.2	0.002010	42.6	0.001354	48	0.000946	53.4	0.000702
26.5	0.005070	31.9	0.003130	37.3	0.001995	42.7	0.001343	48.1	0.000939	53.5	0.000698
26.6	0.005118	32	0.003099	37.4	0.001982	42.8	0.001335	48.2	0.000934	53.6	0.000694
26.7	0.005264	32.1	0.003068	37.5	0.001969	42.9	0.001334	48.3	0.000917	53.7	0.000695
26.8	0.005207	32.2	0.003039	37.6	0.001956	43	0.001326	48.4	0.000914	53.8	0.000691
26.9	0.005139	32.3	0.003009	37.7	0.001942	43.1	0.001324	48.5	0.000911	53.9	0.000688
27	0.005080	32.4	0.002987	37.8	0.001923	43.2	0.001311	48.6	0.000916	54	0.000683
27.1	0.005026	32.5	0.002958	37.9	0.001913	43.3	0.001302	48.7	0.000910	54.1	0.000678
27.2	0.004970	32.6	0.002929	38	0.001894	43.4	0.001290	48.8	0.000906	54.2	0.000670
27.3	0.004923	32.7	0.002898	38.1	0.001880	43.5	0.001277	48.9	0.000905	54.3	0.000668
27.4	0.004874	32.8	0.002888	38.2	0.001862	43.6	0.001267	49	0.000897	54.4	0.000664
27.5	0.004817	32.9	0.002845	38.3	0.001853	43.7	0.001255	49.1	0.000896	54.5	0.000662
27.6	0.004758	33	0.002819	38.4	0.001841	43.8	0.001249	49.2	0.000896	54.6	0.000663
27.7	0.004695	33.1	0.002801	38.5	0.001829	43.9	0.001242	49.3	0.000879	54.7	0.000650
27.8	0.004623	33.2	0.002788	38.6	0.001817	44	0.001229	49.4	0.000874	54.8	0.000653
27.9	0.004573	33.3	0.002768	38.7	0.001796	44.1	0.001224	49.5	0.000873	54.9	0.000646
28	0.004517	33.4	0.002751	38.8	0.001785	44.2	0.001218	49.6	0.000869	55	0.000646
28.1	0.004474	33.5	0.002714	38.9	0.001769	44.3	0.001209	49.7	0.000854	55.1	0.000644
28.2	0.004421	33.6	0.002696	39	0.001759	44.4	0.001202	49.8	0.000854	55.2	0.000641
28.3	0.004382	33.7	0.002659	39.1	0.001745	44.5	0.001191	49.9	0.000842	55.3	0.000636
28.4	0.004339	33.8	0.002639	39.2	0.001732	44.6	0.001188	50	0.000841	55.4	0.000636
28.5	0.004304	33.9	0.002615	39.3	0.001719	44.7	0.001179	50.1	0.000833	55.5	0.000633
28.6	0.004263	34	0.002590	39.4	0.001696	44.8	0.001171	50.2	0.000829	55.6	0.000628
28.7	0.004219	34.1	0.002586	39.5	0.001676	44.9	0.001167	50.3	0.000825	55.7	0.000622
28.8	0.004179	34.2	0.002571	39.6	0.001659	45	0.001162	50.4	0.000825	55.8	0.000621
28.9	0.004136	34.3	0.002556	39.7	0.001647	45.1	0.001159	50.5	0.000815	55.9	0.000620
29	0.004093	34.4	0.002536	39.8	0.001642	45.2	0.001140	50.6	0.000812	56	0.000611
29.1	0.004046	34.5	0.002521	39.9	0.001631	45.3	0.001124	50.7	0.000812	56.1	0.000609
29.2	0.004004	34.6	0.002493	40	0.001626	45.4	0.001123	50.8	0.000810	56.2	0.000612
29.3	0.003965	34.7	0.002473	40.1	0.001625	45.5	0.001108	50.9	0.000803	56.3	0.000607
29.4	0.003927	34.8	0.002446	40.2	0.001615	45.6	0.001103	51	0.000801	56.4	0.000606
29.5	0.003887	34.9	0.002424	40.3	0.001610	45.7	0.001090	51.1	0.000789	56.5	0.000603
29.6	0.003852	35	0.002414	40.4	0.001595	45.8	0.001084	51.2	0.000784	56.6	0.000601
29.7	0.003813	35.1	0.002390	40.5	0.001582	45.9	0.001076	51.3	0.000778	56.7	0.000603
29.8	0.003777	35.2	0.002365	40.6	0.001571	46	0.001078	51.4	0.000775	56.8	0.000596
29.9	0.003742	35.3	0.002346	40.7	0.001554	46.1	0.001064	51.5	0.000771	56.9	0.000583
30	0.003707	35.4	0.002335	40.8	0.001551	46.2	0.001063	51.6	0.000768	57	0.000582
30.1	0.003676	35.5	0.002310	40.9	0.001542	46.3	0.001051	51.7	0.000766	57.1	0.000577
30.2	0.003651	35.6	0.002298	41	0.001521	46.4	0.001043	51.8	0.000764	57.2	0.000578
30.3	0.003615	35.7	0.002274	41.1	0.001519	46.5	0.001042	51.9	0.000758	57.3	0.000562
30.4	0.003587	35.8	0.002267	41.2	0.001506	46.6	0.001027	52	0.000752	57.4	0.000576
30.5	0.003545	35.9	0.002239	41.3	0.001498	46.7	0.001019	52.1	0.000749	57.5	0.000577
30.6	0.003503	36	0.002232	41.4	0.001478	46.8	0.001011	52.2	0.000744	57.6	0.000580
30.7	0.003466	36.1	0.002212	41.5	0.001469	46.9	0.001007	52.3	0.000742	57.7	0.000577
30.8	0.003424	36.2	0.002202	41.6	0.001457	47	0.000997	52.4	0.000731	57.8	0.000578
30.9	0.003390	36.3	0.002182	41.7	0.001454	47.1	0.000990	52.5	0.000735	57.9	0.000569
31	0.003362	36.4	0.002159	41.8	0.001440	47.2	0.000987	52.6	0.000728	58	0.000567
31.1	0.003342	36.5	0.002130	41.9	0.001431	47.3	0.000984	52.7	0.000713	58.1	0.000566
31.2	0.003324	36.6	0.002107	42	0.001426	47.4	0.000977	52.8	0.000715	58.2	0.000560
31.3	0.003307	36.7	0.002084	42.1	0.001419	47.5	0.000978	52.9	0.000710	58.3	0.000558
31.4	0.003289	36.8	0.002072	42.2	0.001412	47.6	0.000965	53	0.000710	58.4	0.000552
31.5	0.003268	36.9	0.002058	42.3	0.001392	47.7	0.000968	53.1	0.000711	58.5	0.000548
31.6	0.003236	37	0.002037	42.4	0.001378	47.8	0.000963	53.2	0.000708	58.6	0.000550
31.7	0.003204	37.1	0.002018	42.5	0.001360	47.9	0.000959	53.3	0.000701	58.7	0.000545

Run B0.8-2.0

Input Signal							
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)
0	0	5.4	0.00851	10.8	0.001909	16.2	0.001277
0.1	0.000146	5.5	0.006205	10.9	0.001907	16.3	0.001247
0.2	0.000249	5.6	0.007185	11	0.001904	16.4	0.001231
0.3	0.000753	5.7	0.007497	11.1	0.001904	16.5	0.00121
0.4	0.002178	5.8	0.00715	11.2	0.001902	16.6	0.001191
0.5	0.004977	5.9	0.006938	11.3	0.001899	16.7	0.001167
0.6	0.008348	6	0.006491	11.4	0.001882	16.8	0.001162
0.7	0.015128	6.1	0.006194	11.5	0.001871	16.9	0.00115
0.8	0.021974	6.2	0.005904	11.6	0.001878	17	0.00114
0.9	0.029407	6.3	0.005641	11.7	0.001885	17.1	0.001131
1	0.036332	6.4	0.005383	11.8	0.00189	17.2	0.001118
1.1	0.044018	6.5	0.005097	11.9	0.001895	17.3	0.001102
1.2	0.050215	6.6	0.004839	12	0.001889	17.4	0.001079
1.3	0.055131	6.7	0.004584	12.1	0.001876	17.5	0.001074
1.4	0.058568	6.8	0.004353	12.2	0.001875	17.6	0.00106
1.5	0.060436	6.9	0.004137	12.3	0.001856	17.7	0.001043
1.6	0.060851	7	0.003925	12.4	0.001855	17.8	0.001031
1.7	0.060007	7.1	0.003731	12.5	0.001853	17.9	0.001014
1.8	0.059218	7.2	0.003547	12.6	0.001851	18	0.001
1.9	0.05817	7.3	0.003374	12.7	0.001839	18.1	0.000992
2	0.0574	7.4	0.003226	12.8	0.00183	18.2	0.00098
2.1	0.049181	7.5	0.003087	12.9	0.00182	18.3	0.000969
2.2	0.045181	7.6	0.002966	13	0.001803	18.4	0.000959
2.3	0.042409	7.7	0.002857	13.1	0.001792	18.5	0.00094
2.4	0.039233	7.8	0.002755	13.2	0.001771	18.6	0.000935
2.5	0.036325	7.9	0.002662	13.3	0.001756	18.7	0.000918
2.6	0.03356	8	0.00257	13.4	0.001742	18.8	0.000916
2.7	0.031226	8.1	0.002499	13.5	0.001729	18.9	0.000898
2.8	0.029011	8.2	0.002429	13.6	0.00171	19	0.000891
2.9	0.027059	8.3	0.002371	13.7	0.001704	19.1	0.000875
3	0.025375	8.4	0.002315	13.8	0.001698	19.2	0.00087
3.1	0.0239	8.5	0.002277	13.9	0.001689	19.3	0.000856
3.2	0.022597	8.6	0.00223	14	0.001681	19.4	0.000831
3.3	0.021427	8.7	0.002185	14.1	0.001657	19.5	0.000825
3.4	0.020342	8.8	0.002146	14.2	0.001638	19.6	0.000809
3.5	0.01935	8.9	0.002118	14.3	0.001623	19.7	0.000802
3.6	0.018442	9	0.002084	14.4	0.001598	19.8	0.00078
3.7	0.017595	9.1	0.002057	14.5	0.001577	19.9	0.000771
3.8	0.01683	9.2	0.002034	14.6	0.001564	20	0.000763
3.9	0.016127	9.3	0.002013	14.7	0.001545	20.1	0.00075
4	0.015467	9.4	0.001999	14.8	0.001529	20.2	0.000741
4.1	0.014859	9.5	0.001982	14.9	0.001503	20.3	0.000737
4.2	0.014268	9.6	0.001964	15	0.001487	20.4	0.000733
4.3	0.0137	9.7	0.001957	15.1	0.001472	20.5	0.000726
4.4	0.013148	9.8	0.001957	15.2	0.001449	20.6	0.000715
4.5	0.012611	9.9	0.001931	15.3	0.001422	20.7	0.000705
4.6	0.012095	10	0.001921	15.4	0.001405	20.8	0.000695
4.7	0.011607	10.1	0.00191	15.5	0.001386	20.9	0.000678
4.8	0.011118	10.2	0.001903	15.6	0.001374	21	0.000669
4.9	0.010644	10.3	0.001909	15.7	0.001355	21.1	0.000654
5	0.010159	10.4	0.001911	15.8	0.001334	21.2	0.000648
5.1	0.009701	10.5	0.001906	15.9	0.001318	21.3	0.000644
5.2	0.009279	10.6	0.001917	16	0.001306	21.4	0.000635
5.3	0.008902	10.7	0.001912	16.1	0.001285	21.5	0.000627

Output Signal							
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)
2.2	0	7.6	0.097796	13	0.032559	18.4	0.006623
2.3	0.000464	7.7	0.097902	13.1	0.031385	18.5	0.006502
2.4	0.000486	7.8	0.097929	13.2	0.030377	18.6	0.006385
2.5	0.000536	7.9	0.097951	13.3	0.029315	18.7	0.00628
2.6	0.000584	8	0.097937	13.4	0.028333	18.8	0.006159
2.7	0.000615	8.1	0.097328	13.5	0.027318	18.9	0.006039
2.8	0.000645	8.2	0.096905	13.6	0.026325	19	0.005933
2.9	0.000648	8.3	0.096423	13.7	0.025387	19.1	0.005827
3	0.000653	8.4	0.095987	13.8	0.024504	19.2	0.005724
3.1	0.000655	8.5	0.095565	13.9	0.023667	19.3	0.005622
3.2	0.00065	8.6	0.09461	14	0.022862	19.4	0.005534
3.3	0.000635	8.7	0.093852	14.1	0.022097	19.5	0.005408
3.4	0.000634	8.8	0.093017	14.2	0.021362	19.6	0.005269
3.5	0.000624	8.9	0.092064	14.3	0.020669	19.7	0.005104
3.6	0.000617	9	0.090985	14.4	0.020017	19.8	0.005139
3.7	0.000623	9.1	0.089964	14.5	0.019387	19.9	0.005079
3.8	0.000668	9.2	0.088966	14.6	0.018761	20	0.005001
3.9	0.000848	9.3	0.087813	14.7	0.018152	20.1	0.004939
4	0.001342	9.4	0.086218	14.8	0.01755	20.2	0.004861
4.1	0.002256	9.5	0.084707	14.9	0.016972	20.3	0.004786
4.2	0.004095	9.6	0.083249	15	0.016425	20.4	0.004713
4.3	0.006683	9.7	0.081875	15.1	0.0159	20.5	0.004641
4.4	0.010202	9.8	0.080503	15.2	0.015394	20.6	0.004561
4.5	0.014648	9.9	0.079131	15.3	0.014893	20.7	0.004508
4.6	0.019932	10	0.077691	15.4	0.014348	20.8	0.00445
4.7	0.025907	10.1	0.076072	15.5	0.013771	20.9	0.004392
4.8	0.032393	10.2	0.074224	15.6	0.013205	21	0.004332
4.9	0.038941	10.3	0.072446	15.7	0.012914	21.1	0.004268
5	0.045319	10.4	0.070737	15.8	0.012531	21.2	0.00421
5.1	0.051371	10.5	0.069037	15.9	0.012168	21.3	0.004153
5.2	0.056883	10.6	0.067366	16	0.011826	21.4	0.00409
5.3	0.061951	10.7	0.06572	16.1	0.011491	21.5	0.00404
5.4	0.066443	10.8	0.064065	16.2	0.011183	21.6	0.003975
5.5	0.070871	10.9	0.06241	16.3	0.010882	21.7	0.003911
5.6	0.074599	11	0.060626	16.4	0.010602	21.8	0.003861
5.7	0.077757	11.1	0.059008	16.5	0.010327	21.9	0.0038
5.8	0.080421	11.2	0.057405	16.6	0.01006	22	0.003746
5.9	0.082637	11.3	0.05583	16.7	0.009798	22.1	0.003692
6	0.084455	11.4	0.05427	16.8	0.009545	22.2	0.003645
6.1	0.086887	11.5	0.052709	16.9	0.009299	22.3	0.003599
6.2	0.087566	11.6	0.051157	17	0.009066	22.4	0.003518
6.3	0.088937	11.7	0.049636	17.1	0.008843	22.5	0.003471
6.4	0.090258	11.8	0.048126	17.2	0.008638	22.6	0.003425
6.5	0.091389	11.9	0.046674	17.3	0.008405	22.7	0.00338
6.6	0.092382	12	0.045243	17.4	0.008219	22.8	0.003349
6.7	0.093287	12.1	0.04384	17.5	0.008026	22.9	0.003304
6.8	0.094154	12.2	0.042455	17.6	0.007785	23	0.003272
6.9	0.09501	12.3	0.041098	17.7	0.00767	23.1	0.003226
7	0.09579	12.4	0.039779	17.8	0.007507	23.2	0.003188
7.1	0.096379	12.5	0.038491	17.9	0.007361	23.3	0.003152
7.2	0.096786	12.6	0.037226	18	0.007209	23.4	0.003111
7.3	0.097086	12.7	0.036011	18.1	0.007038	23.5	0.003072
7.4	0.09725	12.8	0.034816	18.2	0.006862	23.6	0.003031
7.5	0.097607	12.9	0.033677	18.3	0.006753	23.7	0.002993

Output Signal (continued)							
Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)	Time (s)	Current (uA)
29.2	0.001561	34.6	0.001007	40	0.000712	45.4	0.000502
29.3	0.001542	34.7	0.001005	40.1	0.000706	45.5	0.000508
29.4	0.001532	34.8	0.001004	40.2	0.00071	45.6	0.000516
29.5	0.001517	34.9	0.000994	40.3	0.000695	45.7	0.000506
29.6	0.001501	35	0.000984	40.4	0.000694	45.8	0.000503
29.7	0.001495	35.1	0.000977	40.5	0.000686	45.9	0.000505
29.8	0.001462	35.2	0.000967	40.6	0.000684	46	0.000503
29.9	0.001465	35.3	0.000967	40.7	0.000683	46.1	0.000498
30	0.001442	35.4	0.000958	40.8	0.000678	46.2	0.000496
30.1	0.001434	35.5	0.00095	40.9	0.000674	46.3	0.000499
30.2	0.001422	35.6	0.000947	41	0.000672	46.4	0.000492
30.3	0.001406	35.7	0.000932	41.1	0.000677	46.5	0.000491
30.4	0.001392	35.8	0.000921	41.2	0.000665	46.6	0.000486
30.5	0.001378	35.9	0.00091	41.3	0.000663	46.7	0.000486
30.6	0.001369	36	0.000915	41.4	0.00065	46.8	0.000484
30.7	0.001359	36.1	0.000921	41.5	0.000659	46.9	0.000481
30.8	0.001348	36.2	0.00091	41.6	0.000646	47	0.000477
30.9	0.001332	36.3	0.00091	41.7	0.000645	47.1	0.000479
31	0.001322	36.4	0.000884	41.8	0.000634	47.2	0.000475
31.1	0.001309	36.5	0.000875	41.9	0.000624	47.3	0.000478
31.2	0.001297	36.6	0.000885	42	0.000613	47.4	0.000478
31.3	0.001289	36.7	0.000881	42.1	0.000602	47.5	0.000472
31.4	0.001266	36.8	0.000876	42.2	0.000607	47.6	0.00047
31.5	0.001269	36.9	0.000875	42.3	0.000605	47.7	0.000474
31.6	0.001248	37	0.000865	42.4	0.000599	47.8	0.000469
31.7	0.001249	37.1	0.000857	42.5	0.0006	47.9	0.000468
31.8	0.001238	37.2	0.000848	42.6	0.0006	48	0.000472
31.9	0.001229	37.3	0.000841	42.7	0.000594	48.1	0.000466
32	0.001213	37.4	0.000842	42.8	0.000595	48.2	0.000464
32.1	0.001203	37.5	0.000844	42.9	0.000601	48.3	0.000466
32.2	0.00119	37.6	0.000835	43	0.000587	48.4	0.000468
32.3	0.001181	37.7	0.000824	43.1	0.000581	48.5	0.00046
32.4	0.001165	37.8	0.000813	43.2	0.000573	48.6	0.000457
32.5	0.001156	37.9	0.000815	43.3	0.00057	48.7	0.000459
32.6	0.001149	38	0.000809	43.4	0.000574	48.8	0.000454
32.7	0.001143	38.1	0.000801	43.5	0.000552	48.9	0.000452
32.8	0.001135	38.2	0.0008	43.6	0.000544	49	0.000445
32.9	0.001131	38.3	0.000799	43.7	0.00056	49.1	0.000448
33	0.001106	38.4	0.000788	43.8	0.000552	49.2	0.000452
33.1	0.001112	38.5	0.000786	43.9	0.000552	49.3	0.000444
33.2	0.001099	38.6	0.00078	44	0.00056	49.4	0.000445
33.3	0.001093	38.7	0.000776	44.1	0.000551	49.5	0.000444
33.4	0.001091	38.8	0.000767	44.2	0.00055	49.6	0.00044
33.5	0.001095	38.9	0.000759	44.3	0.000544	49.7	0.000441
33.6	0.001083	39	0.000759	44.4	0.000549	49.8	0.000434
33.7	0.001079	39.1	0.000745	44.5	0.00053	49.9	0.000439
33.8	0.00108	39.2	0.00075	44.6	0.000524	50	0.000456
33.9	0.001072	39.3	0.000753	44.7	0.000525	50.1	0.000463
34	0.001068	39.4	0.000745	44.8	0.000519	50.2	0.000475
34.1	0.001054	39.5	0.000733	44.9	0.000517	50.3	0.000479
34.2	0.00105	39.6	0.000727	45	0.000507	50.4	0.000487
34.3	0.001034	39.7	0.000734	45.1	0.000489	50.5	0.000487
34.4	0.001031	39.8	0.000728	45.2	0.000503	50.6	0.000499
34.5	0.001026	39.9	0.000722	45.3	0.000505	50.7	0.000492

Run B1.0-0.5

Input Signal				Output Signal				Output Signal (continued)			
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	27	0.002692	18	0	45	0.047227	72	0.006443	99	0.001327
0.5	0.00145	27.5	0.002455	18.5	0.000213	45.5	0.045973	72.5	0.006232	99.5	0.001302
1	0.003959	28	0.002284	19	0.000251	46	0.044562	73	0.006026	100	0.001283
1.5	0.007335	28.5	0.002124	19.5	0.000317	46.5	0.043297	73.5	0.005811	100.5	0.001265
2	0.011147	29	0.001918	20	0.000438	47	0.042079	74	0.005611	101	0.001245
2.5	0.015167	29.5	0.001731	20.5	0.000615	47.5	0.040716	74.5	0.005396	101.5	0.001216
3	0.019031	30	0.001599	21	0.000871	48	0.039607	75	0.00521	102	0.001185
3.5	0.022581	30.5	0.001478	21.5	0.001219	48.5	0.038468	75.5	0.005035	102.5	0.001156
4	0.024671	31	0.001367	22	0.001703	49	0.037124	76	0.004869	103	0.001134
4.5	0.027785	31.5	0.001282	22.5	0.002332	49.5	0.035796	76.5	0.004704	103.5	0.001114
5	0.02875	32	0.001205	23	0.003093	50	0.034538	77	0.004552	104	0.001092
5.5	0.029165	32.5	0.001098	23.5	0.003906	50.5	0.033396	77.5	0.0044	104.5	0.001072
6	0.029318	33	0.000973	24	0.004888	51	0.032317	78	0.004252	105	0.001053
6.5	0.029499	33.5	0.000887	24.5	0.00606	51.5	0.03099	78.5	0.004131	105.5	0.001027
7	0.029454	34	0.000843	25	0.007483	52	0.029585	79	0.004018	106	0.001009
7.5	0.029117	34.5	0.00079	25.5	0.008999	52.5	0.02851	79.5	0.003891	106.5	0.00099
8	0.028516	35	0.000714	26	0.010715	53	0.027594	80	0.003726	107	0.000983
8.5	0.027844	35.5	0.000649	26.5	0.012486	53.5	0.026687	80.5	0.003596	107.5	0.000978
9	0.027187	36	0.000594	27	0.01431	54	0.025661	81	0.003491	108	0.000951
9.5	0.026577	36.5	0.000535	27.5	0.016264	54.5	0.02466	81.5	0.003402	108.5	0.000922
10	0.026091	37	0.000478	28	0.018371	55	0.023579	82	0.003306	109	0.000906
10.5	0.02557	37.5	0.00043	28.5	0.020557	55.5	0.022544	82.5	0.003203	109.5	0.0009
11	0.025035	38	0.000391	29	0.022803	56	0.021729	83	0.003098	110	0.000889
11.5	0.024317	38.5	0	29.5	0.025243	56.5	0.020856	83.5	0.002989	110.5	0.000882
12	0.023515			30	0.027678	57	0.020047	84	0.002895	111	0.000868
12.5	0.022708			30.5	0.030062	57.5	0.019245	84.5	0.002807	111.5	0.000851
13	0.021924			31	0.03236	58	0.018531	85	0.002724	112	0.000832
13.5	0.021022			31.5	0.034697	58.5	0.017768	85.5	0.002651	112.5	0.000818
14	0.020008			32	0.037064	59	0.017108	86	0.002588	113	0.000806
14.5	0.01904			32.5	0.039175	59.5	0.016446	86.5	0.002516	113.5	0.000792
15	0.01818			33	0.040955	60	0.015815	87	0.002439	114	0.000783
15.5	0.017429			33.5	0.042834	60.5	0.015225	87.5	0.002366	114.5	0.000784
16	0.016514			34	0.044761	61	0.014592	88	0.002303	115	0.00077
16.5	0.015559			34.5	0.046538	61.5	0.013946	88.5	0.002247	115.5	0.000752
17	0.014633			35	0.048038	62	0.013416	89	0.002179	116	0.000741
17.5	0.013699			35.5	0.049527	62.5	0.012944	89.5	0.002102	116.5	0.000732
18	0.012716			36	0.050789	63	0.012455	90	0.002055	117	0.000725
18.5	0.01167			36.5	0.05168	63.5	0.012011	90.5	0.002012	117.5	0.000706
19	0.010916			37	0.052685	64	0.011589	91	0.001961	118	0.00069
19.5	0.010112			37.5	0.053326	64.5	0.011136	91.5	0.001905	118.5	0.000687
20	0.009262			38	0.053844	65	0.010721	92	0.001857	119	0.000683
20.5	0.008459			38.5	0.054198	65.5	0.010321	92.5	0.001816	119.5	0.000673
21	0.007743			39	0.054556	66	0.009898	93	0.001773	120	0.000662
21.5	0.007157			39.5	0.05462	66.5	0.009564	93.5	0.001733	120.5	0.000656
22	0.006662			40	0.054392	67	0.009244	94	0.001684	121	0.000644
22.5	0.006087			40.5	0.053982	67.5	0.008931	94.5	0.001638	121.5	0.000639
23	0.005501			41	0.005362	68	0.008593	95	0.001599	122	0.000633
23.5	0.004917			41.5	0.053287	68.5	0.008284	95.5	0.001562	122.5	0.000617
24	0.004537			42	0.052604	69	0.007999	96	0.001535	123	0.000609
24.5	0.004203			42.5	0.051595	69.5	0.007711	96.5	0.0015	123.5	0.000603
25	0.003937			43	0.050562	70	0.007432	97	0.001465	124	0.000601
25.5	0.00354			43.5	0.049861	70.5	0.007126	97.5	0.001434	124.5	0.000589
26	0.003237			44	0.049139	71	0.006856	98	0.001409	125	0.000579
26.5	0.002998			44.5	0.048223	71.5	0.006636	98.5	0.001367	125.5	0.000578

Run B1.0-0.75

Input Signal				Output Signal				Output Signal (continued)							
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0.00000	13.5	0.010438	0	0	25	0.061993	25	0.021085	52	0.005623	65.5	0.002224	79	0.001032
0.25	0.000230	13.75	0.009870	11.5	0.000331	25.25	0.062151	38.75	0.020587	52.25	0.005714	65.75	0.002192	79.25	0.001023
0.5	0.000458	14	0.009260	12	0.000334	25.5	0.061907	39	0.020037	52.5	0.005597	66	0.002158	79.5	0.001012
0.75	0.001284	14.25	0.008706	12.25	0.000342	25.75	0.06165	39.25	0.019488	52.75	0.005491	66.25	0.002123	79.75	0.000998
1	0.003050	14.5	0.008165	12.5	0.000367	26	0.061639	39.5	0.018921	53	0.005368	66.5	0.002091	80	0.00099
1.25	0.005750	14.75	0.007595	12.75	0.000428	26.25	0.061512	39.75	0.018372	53.25	0.005261	66.75	0.002063	80.25	0.000982
1.5	0.009079	15	0.007025	13	0.000551	26.5	0.061453	40	0.017855	53.5	0.005157	67	0.002027	80.5	0.000975
1.75	0.012736	15.25	0.006481	13.25	0.000741	26.75	0.061269	40.25	0.01733	53.75	0.005065	67.25	0.001995	80.75	0.000965
2	0.016765	15.5	0.005886	13.5	0.001033	27	0.060884	40.5	0.016859	54	0.004979	67.5	0.001968	81	0.000948
2.25	0.021368	15.75	0.005469	13.75	0.001447	27.25	0.060442	40.75	0.016434	54.25	0.004901	67.75	0.001937	81.25	0.000937
2.5	0.026524	16	0.005061	14	0.001981	27.5	0.059809	41	0.015954	54.5	0.004803	68	0.001906	81.5	0.000926
2.75	0.031734	16.25	0.004660	14.25	0.002652	27.75	0.059059	41.25	0.015534	54.75	0.00471	68.25	0.001877	81.75	0.000913
3	0.037075	16.5	0.004277	14.5	0.003445	28	0.058318	41.5	0.015112	55	0.004616	68.5	0.001852	82	0.000905
3.25	0.039988	16.75	0.003897	14.75	0.004373	28.25	0.057554	41.75	0.014709	55.25	0.004532	68.75	0.001818	82.25	0.000902
3.5	0.041788	17	0.003547	15	0.005428	28.5	0.056832	42	0.014344	55.5	0.004454	69	0.001792	82.5	0.000894
3.75	0.042770	17.25	0.003277	15.25	0.006583	28.75	0.056079	42.25	0.013966	55.75	0.004361	69.25	0.001767	82.75	0.000885
4	0.043123	17.5	0.003069	15.5	0.008232	29	0.055221	42.5	0.013584	56	0.004279	69.5	0.001738	83	0.000875
4.25	0.043075	17.75	0.002860	15.75	0.00961	29.25	0.05434	42.75	0.013237	56.25	0.004191	69.75	0.001715	83.25	0.000864
4.5	0.042666	18	0.002655	16	0.011088	29.5	0.053522	43	0.012903	56.5	0.004104	70	0.001685	83.5	0.000848
4.75	0.041917	18.25	0.002452	16.25	0.012614	29.75	0.052635	43.25	0.012602	56.75	0.004029	70.25	0.001657	83.75	0.000834
5	0.040919	18.5	0.002273	16.5	0.014222	30	0.051728	43.5	0.012326	57	0.003949	70.5	0.00163	84	0.000823
5.25	0.039486	18.75	0.002077	16.75	0.015892	30.25	0.050733	43.75	0.011983	57.25	0.003881	70.75	0.001598	84.25	0.000816
5.5	0.038073	19	0.001927	17	0.017621	30.5	0.049762	44	0.011645	57.5	0.003815	71	0.001575	84.5	0.000808
5.75	0.036645	19.25	0.001772	17.25	0.019413	30.75	0.048797	44.25	0.011343	57.75	0.003742	71.25	0.001546	84.75	0.0008
6	0.035206	19.5	0.001643	17.5	0.021248	31	0.047731	44.5	0.011084	58	0.003676	71.5	0.001523	85	0.000796
6.25	0.033900	19.75	0.001541	17.75	0.023057	31.25	0.0467	44.75	0.010843	58.25	0.003607	71.75	0.001505	85.25	0.000789
6.5	0.032665	20	0.001446	18	0.024894	31.5	0.045571	45	0.010615	58.5	0.00354	72	0.001483	85.5	0.000781
6.75	0.031363	20.25	0.001354	18.25	0.026758	31.75	0.044377	45.25	0.01038	58.75	0.003473	72.25	0.001466	85.75	0.00077
7	0.030130	20.5	0.001266	18.5	0.028726	32	0.043274	45.5	0.010152	59	0.003413	72.5	0.001445	86	0.000763
7.25	0.028941	20.75	0.001168	18.75	0.031334	32.25	0.042248	45.75	0.00991	59.25	0.003363	72.75	0.001418	86.25	0.000756
7.5	0.027874	21	0.001065	19	0.033251	32.5	0.041345	46	0.009678	59.5	0.003309	73	0.001379	86.5	0.000749
7.75	0.026988	21.25	0.000964	19.25	0.035062	32.75	0.04044	46.25	0.009441	59.75	0.003251	73.25	0.001356	86.75	0.000742
8	0.026253	21.5	0.000891	19.5	0.036718	33	0.039413	46.5	0.009204	60	0.003202	73.5	0.001332	87	0.000732
8.25	0.025632	21.75	0.000844	19.75	0.038373	33.25	0.038406	46.75	0.009	60.25	0.003148	73.75	0.00132	87.25	0.000723
8.5	0.024942	22	0.000802	20	0.04016	33.5	0.037323	47	0.008803	60.5	0.003097	74	0.001309	87.5	0.000711
8.75	0.024160	22.25	0.000770	20.25	0.042025	33.75	0.036332	47.25	0.008613	60.75	0.003044	74.25	0.001294	87.75	0.000701
9	0.023330	22.5	0.000750	20.5	0.043935	34	0.0354	47.5	0.00844	61	0.002987	74.5	0.00128	88	0.000699
9.25	0.022491	22.75	0.000724	20.75	0.045825	34.25	0.03446	47.75	0.008253	61.25	0.002935	74.75	0.001259	88.25	0.000691
9.5	0.021711	23	0.000696	21	0.047516	34.5	0.033488	48	0.008098	61.5	0.002888	75	0.001238	88.5	0.000685
9.75	0.021000	23.25	0.000668	21.25	0.049069	34.75	0.032502	48.25	0.00794	61.75	0.002849	75.25	0.001221	88.75	0.000684
10	0.020287	23.5	0.000649	21.5	0.050409	35	0.03158	48.5	0.007769	62	0.002809	75.5	0.00121	89	0.000677
10.25	0.019612	23.75	0.000623	21.75	0.051564	35.25	0.030762	48.75	0.007603	62.25	0.002753	75.75	0.001203	89.25	0.000671
10.5	0.018904	24	0.000599	22	0.05281	35.5	0.029906	49	0.007435	62.5	0.002699	76	0.00119	89.5	0.00066
10.75	0.018186	24.25	0.000574	22.25	0.053955	35.75	0.029119	49.25	0.007285	62.75	0.002647	76.25	0.001184	89.75	0.000657
11	0.017453	24.5	0.000546	22.5	0.055035	36	0.028345	49.5	0.007151	63	0.002599	76.5	0.001171	90	0.000646
11.25	0.016723	24.75	0.000519	22.75	0.056125	36.25	0.027508	49.75	0.00701	63.25	0.002561	76.75	0.001161	90.25	0.00064
11.5	0.016061	25	0.000491	23	0.057134	36.5	0.026654	50	0.00687	63.5	0.002533	77	0.001142	90.5	0.000634
11.75	0.015296	25.25	0.000458	23.25	0.058084	36.75	0.025883	50.25	0.006707	63.75	0.002499	77.25	0.001132	90.75	0.000629
12	0.014518	25.5	0.000424	23.5	0.058919	37	0.025138	50.5	0.006541	64	0.002469	77.5	0.001111	91	0.000627
12.25	0.013780	25.75	0.000400	23.75	0.059498	37.25	0.024441	50.75	0.006402	64.25	0.002429	77.75	0.001096	91.25	0.000621
12.5	0.013066	26	0	24	0.060349	37.5	0.023723	51	0.006279	64.5	0.002391	78	0.001082	91.5	0.000618
12.75	0.012378			24.25	0.060539	37.75	0.022988	51.25	0.006161	64.75	0.002344	78.25	0.001065	91.75	0.000611
13	0.011724			24.5	0.061123	38	0.022292	51.5	0.006053	65	0.002299	78.5	0.001058	92	0.000602
13.25	0.011076			24.75	0.061648	38.25	0.021645	51.75	0.005933	65.25	0.002261	78.75	0.001048	92.25	0.000599

Run B1.0-1.0

Input Signal

Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	5.4	0.027223	10.8	0.008695	16.2	0.001277
0.1	0.000082	5.5	0.028456	10.9	0.007841	16.3	0.001237
0.2	0.000083	5.6	0.025734	11	0.0076	16.4	0.001199
0.3	0.00009	5.7	0.025022	11.1	0.007354	16.5	0.001171
0.4	0.000117	5.8	0.024435	11.2	0.007122	16.6	0.001139
0.5	0.00021	5.9	0.023886	11.3	0.006889	16.7	0.001098
0.6	0.000412	6	0.023398	11.4	0.006667	16.8	0.001076
0.7	0.000813	6.1	0.022946	11.5	0.006459	16.9	0.001043
0.8	0.001461	6.2	0.022498	11.6	0.006235	17	0.001017
0.9	0.002419	6.3	0.022102	11.7	0.00603	17.1	0.000984
1	0.003715	6.4	0.021704	11.8	0.005845	17.2	0.000959
1.1	0.005313	6.5	0.021321	11.9	0.005658	17.3	0.000947
1.2	0.007194	6.6	0.02094	12	0.005474	17.4	0.000915
1.3	0.00929	6.7	0.020591	12.1	0.005303	17.5	0.000899
1.4	0.011496	6.8	0.020244	12.2	0.005129	17.6	0.00088
1.5	0.013823	6.9	0.019903	12.3	0.004958	17.7	0.000861
1.6	0.016201	7	0.019567	12.4	0.004785	17.8	0.000849
1.7	0.020431	7.1	0.019227	12.5	0.004622	17.9	0.000833
1.8	0.023006	7.2	0.018901	12.6	0.004456	18	0.000821
1.9	0.029574	7.3	0.018528	12.7	0.004292	18.1	0.000807
2	0.028119	7.4	0.018195	12.8	0.004134	18.2	0.000793
2.1	0.030623	7.5	0.017852	12.9	0.003987	18.3	0.000767
2.2	0.03459	7.6	0.01754	13	0.003857	18.4	0.000759
2.3	0.036704	7.7	0.017218	13.1	0.003718	18.5	0.000738
2.4	0.038647	7.8	0.016906	13.2	0.003595	18.6	0.000727
2.5	0.040341	7.9	0.016585	13.3	0.003476	18.7	0.000713
2.6	0.041826	8	0.016272	13.4	0.003365	18.8	0.000692
2.7	0.043067	8.1	0.015958	13.5	0.003257	18.9	0.000672
2.8	0.043968	8.2	0.015646	13.6	0.003139	19	0.000667
2.9	0.044671	8.3	0.015321	13.7	0.003034	19.1	0.000651
3	0.045054	8.4	0.014992	13.8	0.00293	19.2	0.000647
3.1	0.04524	8.5	0.014671	13.9	0.002825	19.3	0.000627
3.2	0.045244	8.6	0.014345	14	0.002721	19.4	0.000628
3.3	0.045027	8.7	0.014034	14.1	0.002619	19.5	0.000621
3.4	0.044634	8.8	0.013708	14.2	0.002527	19.6	0.000605
3.5	0.04415	8.9	0.013422	14.3	0.002433	19.7	0.000603
3.6	0.043505	9	0.013122	14.4	0.002343	19.8	0.000593
3.7	0.042774	9.1	0.012843	14.5	0.002258	19.9	0.000591
3.8	0.041961	9.2	0.012547	14.6	0.002184	20	0.000579
3.9	0.041028	9.3	0.012214	14.7	0.002107	20.1	0.000575
4	0.040096	9.4	0.011905	14.8	0.002035	20.2	0.000564
4.1	0.039138	9.5	0.01158	14.9	0.001973	20.3	0.000558
4.2	0.038177	9.6	0.011254	15	0.001902	20.4	0.000553
4.3	0.037185	9.7	0.010938	15.1	0.001813	20.5	0.000547
4.4	0.036245	9.8	0.010622	15.2	0.001752	20.6	0.00054
4.5	0.0353	9.9	0.010319	15.3	0.001698	20.7	0.000532
4.6	0.03438	10	0.010028	15.4	0.001644	20.8	0.000529
4.7	0.033469	10.1	0.00976	15.5	0.001591	20.9	0.000518
4.8	0.032523	10.2	0.009501	15.6	0.001545	21	0.00051
4.9	0.03161	10.3	0.009261	15.7	0.001495	21.1	0.000504
5	0.030703	10.4	0.009019	15.8	0.001444	21.2	0.000498
5.1	0.029796	10.5	0.008786	15.9	0.001401	21.3	0.000481
5.2	0.028883	10.6	0.008563	16	0.001356	21.4	0.000478
5.3	0.028038	10.7	0.008316	16.1	0.001314	21.5	0.000468

Output Signal

Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
8.7	0	14.1	0.044991	19.5	0.076243	24.9	0.042954
8.8	0.000158	14.2	0.046216	19.6	0.076125	25	0.042273
8.9	0.000167	14.3	0.047406	19.7	0.075826	25.1	0.041654
9	0.000181	14.4	0.048609	19.8	0.075582	25.2	0.041021
9.1	0.0002	14.5	0.049759	19.9	0.075291	25.3	0.040423
9.2	0.000232	14.6	0.050942	20	0.074945	25.4	0.039809
9.3	0.00029	14.7	0.052071	20.1	0.074515	25.5	0.039226
9.4	0.000363	14.8	0.053208	20.2	0.074109	25.6	0.038574
9.5	0.000467	14.9	0.054307	20.3	0.073689	25.7	0.037905
9.6	0.000605	15	0.055379	20.4	0.073246	25.8	0.037195
9.7	0.000782	15.1	0.057142	20.5	0.072799	25.9	0.036455
9.8	0.001003	15.2	0.058216	20.6	0.07228	26	0.035761
9.9	0.001271	15.3	0.059203	20.7	0.071834	26.1	0.035083
10	0.001597	15.4	0.060217	20.8	0.071278	26.2	0.034494
10.1	0.001977	15.5	0.061207	20.9	0.070848	26.3	0.033878
10.2	0.00241	15.6	0.062165	21	0.07032	26.4	0.033342
10.3	0.002899	15.7	0.063084	21.1	0.069874	26.5	0.032809
10.4	0.003454	15.8	0.063947	21.2	0.069299	26.6	0.032322
10.5	0.004067	15.9	0.064831	21.3	0.068668	26.7	0.031793
10.6	0.004725	16	0.065664	21.4	0.067959	26.8	0.031262
10.7	0.005449	16.1	0.066519	21.5	0.067178	26.9	0.030726
10.8	0.006214	16.2	0.067323	21.6	0.066425	27	0.030193
10.9	0.007039	16.3	0.068129	21.7	0.065612	27.1	0.029671
11	0.007896	16.4	0.068867	21.8	0.064966	27.2	0.029125
11.1	0.008809	16.5	0.069629	21.9	0.064216	27.3	0.028618
11.2	0.009773	16.6	0.070417	22	0.063619	27.4	0.028073
11.3	0.010749	16.7	0.071138	22.1	0.062977	27.5	0.027564
11.4	0.011801	16.8	0.071788	22.2	0.062415	27.6	0.027025
11.5	0.012867	16.9	0.07236	22.3	0.061797	27.7	0.026549
11.6	0.01409	17	0.072889	22.4	0.061181	27.8	0.026075
11.7	0.015212	17.1	0.073284	22.5	0.060549	27.9	0.025633
11.8	0.01636	17.2	0.073681	22.6	0.059902	28	0.025185
11.9	0.017514	17.3	0.073991	22.7	0.059266	28.1	0.024731
12	0.018685	17.4	0.074484	22.8	0.058523	28.2	0.024301
12.1	0.01988	17.5	0.074891	22.9	0.057794	28.3	0.023895
12.2	0.021069	17.6	0.075358	23	0.056996	28.4	0.023459
12.3	0.022267	17.7	0.075778	23.1	0.056123	28.5	0.023017
12.4	0.023494	17.8	0.076146	23.2	0.055266	28.6	0.022634
12.5	0.024729	17.9	0.076441	23.3	0.054524	28.7	0.02224
12.6	0.025999	18	0.076649	23.4	0.053732	28.8	0.021881
12.7	0.027281	18.1	0.076854	23.5	0.053014	28.9	0.021506
12.8	0.028541	18.2	0.077037	23.6	0.052281	29	0.020878
12.9	0.029802	18.3	0.077156	23.7	0.051534	29.1	0.020503
13	0.031071	18.4	0.077278	23.8	0.05081	29.2	0.020173
13.1	0.032325	18.5	0.07732	23.9	0.050067	29.3	0.019821
13.2	0.033573	18.6	0.077326	24	0.049393	29.4	0.019489
13.3	0.034832	18.7	0.077276	24.1	0.048635	29.5	0.01916
13.4	0.036087	18.8	0.077229	24.2	0.04797	29.6	0.018846
13.5	0.037354	18.9	0.07723	24.3	0.047238	29.7	0.018528
13.6	0.038727	19	0.077154	24.4	0.046566	29.8	0.018216
13.7	0.040001	19.1	0.077043	24.5	0.045823	29.9	0.017912
13.8	0.041248	19.2	0.076905	24.6	0.045068	30	0.017597
13.9	0.042506	19.3	0.076651	24.7	0.044346	30.1	0.017289
14	0.043756	19.4	0.07647	24.8	0.043647	30.2	0.016974

Output Signal (continued)										Output Signal (continued)									
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
35.1	0.00748	41.1	0.004104	46.5	0.00258	51.9	0.001778	57.3	0.001329	62.7	0.001	68.1	0.000771	73.5	0.000605	78.9	0.000471		
35.8	0.007377	41.2	0.004062	46.6	0.002562	52	0.001765	57.4	0.00132	62.8	0.000991	68.2	0.00077	73.6	0.0006	79	0.00047		
35.9	0.007286	41.3	0.004027	46.7	0.002539	52.1	0.001756	57.5	0.001313	62.9	0.000984	68.3	0.000768	73.7	0.000599	79.1	0.000472		
36	0.007194	41.4	0.003991	46.8	0.002519	52.2	0.001743	57.6	0.001306	63	0.000983	68.4	0.000762	73.8	0.000597	79.2	0.000473		
36.1	0.007105	41.5	0.00395	46.9	0.002498	52.3	0.001733	57.7	0.001303	63.1	0.000975	68.5	0.000763	73.9	0.000588	79.3	0.000473		
36.2	0.007003	41.6	0.003923	47	0.002482	52.4	0.001718	57.8	0.001291	63.2	0.000973	68.6	0.000754	74	0.000588	79.4	0.000462		
36.3	0.006919	41.7	0.003884	47.1	0.002462	52.5	0.001705	57.9	0.001289	63.3	0.000966	68.7	0.000751	74.1	0.000581	79.5	0.000462		
36.4	0.006839	41.8	0.003851	47.2	0.002447	52.6	0.001701	58	0.001277	63.4	0.00096	68.8	0.000738	74.2	0.000582	79.6	0.000466		
36.5	0.006751	41.9	0.003818	47.3	0.002428	52.7	0.001696	58.1	0.001274	63.5	0.000956	68.9	0.000743	74.3	0.000576	79.7	0.000462		
36.6	0.006667	42	0.003782	47.4	0.002409	52.8	0.001685	58.2	0.001271	63.6	0.000953	69	0.000739	74.4	0.000573	79.8	0.000457		
36.7	0.006594	42.1	0.003746	47.5	0.002393	52.9	0.001679	58.3	0.001262	63.7	0.000953	69.1	0.000739	74.5	0.000577	79.9	0.000456		
36.8	0.006508	42.2	0.003708	47.6	0.00237	53	0.00167	58.4	0.001255	63.8	0.000945	69.2	0.000738	74.6	0.000574	80	0.000449		
36.9	0.006429	42.3	0.00367	47.7	0.002349	53.1	0.001665	58.5	0.001247	63.9	0.000943	69.3	0.000729	74.7	0.000569	80.1	0.000452		
37	0.00636	42.4	0.003632	47.8	0.002335	53.2	0.001658	58.6	0.001238	64	0.000938	69.4	0.000729	74.8	0.000572	80.2	0.00045		
37.1	0.006284	42.5	0.003601	47.9	0.00231	53.3	0.001646	58.7	0.001231	64.1	0.000934	69.5	0.000724	74.9	0.000569	80.3	0.000446		
37.2	0.006212	42.6	0.003568	48	0.002298	53.4	0.001639	58.8	0.001223	64.2	0.000923	69.6	0.000714	75	0.000569	80.4	0.000443		
37.3	0.006139	42.7	0.003544	48.1	0.002281	53.5	0.00163	58.9	0.001213	64.3	0.000916	69.7	0.000708	75.1	0.000565	80.5	0.000441		
37.4	0.006074	42.8	0.003512	48.2	0.002266	53.6	0.001617	59	0.001212	64.4	0.000917	69.8	0.000708	75.2	0.000566	80.6	0.000437		
37.5	0.006012	42.9	0.003488	48.3	0.00225	53.7	0.001609	59.1	0.001204	64.5	0.000913	69.9	0.000703	75.3	0.000563	80.7	0.000439		
37.6	0.005943	43	0.003455	48.4	0.002238	53.8	0.001601	59.2	0.001201	64.6	0.000913	70	0.000702	75.4	0.000561	80.8	0.000431		
37.7	0.005866	43.1	0.003418	48.5	0.002225	53.9	0.001586	59.3	0.001197	64.7	0.000908	70.1	0.000699	75.5	0.000549	80.9	0.000432		
37.8	0.0058	43.2	0.003383	48.6	0.002211	54	0.001575	59.4	0.001192	64.8	0.000909	70.2	0.000694	75.6	0.000555	81	0.000429		
37.9	0.00573	43.3	0.003351	48.7	0.002197	54.1	0.00157	59.5	0.001185	64.9	0.000905	70.3	0.000691	75.7	0.000548	81.1	0.000435		
38	0.005658	43.4	0.00332	48.8	0.002179	54.2	0.00156	59.6	0.001182	65	0.000899	70.4	0.000686	75.8	0.000541	81.2	0.000428		
38.1	0.005594	43.5	0.003285	48.9	0.002168	54.3	0.001553	59.7	0.00117	65.1	0.000891	70.5	0.00068	75.9	0.000539	81.3	0.000424		
38.2	0.005535	43.6	0.003253	49	0.002157	54.4	0.001547	59.8	0.001161	65.2	0.000883	70.6	0.000684	76	0.000537	81.4	0.000427		
38.3	0.005479	43.7	0.003224	49.1	0.002142	54.5	0.001541	59.9	0.001163	65.3	0.000878	70.7	0.000682	76.1	0.000531	81.5	0.000426		
38.4	0.00543	43.8	0.003202	49.2	0.002125	54.6	0.001532	60	0.001147	65.4	0.000874	70.8	0.000677	76.2	0.000531	81.6	0.000423		
38.5	0.005377	43.9	0.003179	49.3	0.002109	54.7	0.001521	60.1	0.001145	65.5	0.000865	70.9	0.000675	76.3	0.000533	81.7	0.000414		
38.6	0.005314	44	0.003159	49.4	0.002095	54.8	0.001512	60.2	0.001141	65.6	0.000861	71	0.000676	76.4	0.000526	81.8	0.000412		
38.7	0.005251	44.1	0.003134	49.5	0.002079	54.9	0.001504	60.3	0.001139	65.7	0.000862	71.1	0.000671	76.5	0.000524	81.9	0.000414		
38.8	0.005187	44.2	0.00311	49.6	0.002059	55	0.001497	60.4	0.001128	65.8	0.000857	71.2	0.000669	76.6	0.000523	82	0.000413		
38.9	0.005129	44.3	0.003079	49.7	0.002045	55.1	0.001488	60.5	0.001126	65.9	0.00086	71.3	0.000665	76.7	0.000525	82.1	0.000409		
39	0.005067	44.4	0.003054	49.8	0.002031	55.2	0.001484	60.6	0.001124	66	0.000852	71.4	0.000654	76.8	0.000519	82.2	0		
39.1	0.005008	44.5	0.003028	49.9	0.002023	55.3	0.001476	60.7	0.001109	66.1	0.000852	71.5	0.000661	76.9	0.000513				
39.2	0.004953	44.6	0.003003	50	0.002004	55.4	0.001468	60.8	0.001102	66.2	0.000849	71.6	0.00065	77	0.000516				
39.3	0.004895	44.7	0.002981	50.1	0.001993	55.5	0.001456	60.9	0.001092	66.3	0.000839	71.7	0.000647	77.1	0.00051				
39.4	0.004853	44.8	0.00296	50.2	0.001977	55.6	0.001448	61	0.001087	66.4	0.000834	71.8	0.000641	77.2	0.000509				
39.5	0.004802	44.9	0.002931	50.3	0.00197	55.7	0.001436	61.1	0.001079	66.5	0.000836	71.9	0.000642	77.3	0.000504				
39.6	0.004763	45	0.002904	50.4	0.001952	55.8	0.001429	61.2	0.001073	66.6	0.000831	72	0.000639	77.4	0.000504				
39.7	0.004719	45.1	0.002881	50.5	0.001948	55.9	0.001421	61.3	0.001066	66.7	0.000828	72.1	0.000638	77.5	0.000501				
39.8	0.004677	45.2	0.002863	50.6	0.001933	56	0.001417	61.4	0.001063	66.8	0.00082	72.2	0.000633	77.6	0.0005				
39.9	0.004628	45.3	0.002836	50.7	0.00192	56.1	0.001412	61.5	0.001058	66.9	0.000815	72.3	0.00063	77.7	0.000501				
40	0.004584	45.4	0.002815	50.8	0.001906	56.2	0.001409	61.6	0.001055	67	0.000809	72.4	0.000634	77.8	0.000497				
40.1	0.004543	45.5	0.002785	50.9	0.001896	56.3	0.0014	61.7	0.001054	67.1	0.000805	72.5	0.000633	77.9	0.000501				
40.2	0.004496	45.6	0.002763	51	0.00188	56.4	0.001386	61.8	0.001048	67.2	0.000802	72.6	0.000627	78	0.000494				
40.3	0.00446	45.7	0.002737	51.1	0.001861	56.5	0.001379	61.9	0.001044	67.3	0.000793	72.7	0.000625	78.1	0.000494				
40.4	0.00441	45.8	0.002719	51.2	0.001853	56.6	0.00137	62	0.001039	67.4	0.00079	72.8	0.000624	78.2	0.000487				
40.5	0.004364	45.9	0.002692	51.3	0.001841	56.7	0.001366	62.1	0.001034	67.5	0.000786	72.9	0.000618	78.3	0.000485				
40.6	0.004314	46	0.002672	51.4	0.001828	56.8	0.001361	62.2	0.001033	67.6	0.000779	73	0.000612	78.4	0.000478				
40.7	0.004274	46.1	0.002654	51.5	0.001824	56.9	0.001358	62.3	0.001023	67.7	0.000777	73.1	0.000609	78.5	0.000479				
40.8	0.004228	46.2	0.002645	51.6	0.001812	57	0.001355	62.4	0.001019	67.8	0.000773	73.2	0.000605	78.6	0.000474				
40.9	0.004181	46.3	0.002623	51.7	0.001809	57.1	0.001346	62.5	0.001013	67.9	0.000775	73.3	0.000603	78.7	0.000472				
41	0.004144	46.4	0.0026	51.8	0.001797	57.2	0.001341	62.6	0.001005	68	0.000776	73.4	0.000605	78.8	0.000473				

Run B1.0-1.5

Input Signal						Input Signal (continued)					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
0	0	5.4	0.00887	10.8	0.00116	16.2	0.000931	21.6	0.000607	27	0.000471
0.1	0.000202	5.5	0.008515	10.9	0.001124	16.3	0.000924	21.7	0.0006	27.1	0.000473
0.2	0.000275	5.6	0.008181	11	0.001101	16.4	0.000922	21.8	0.000599	27.2	0.000474
0.3	0.000654	5.7	0.007844	11.1	0.001068	16.5	0.000915	21.9	0.000595	27.3	0.00047
0.4	0.001635	5.8	0.007534	11.2	0.001036	16.6	0.000905	22	0.000591	27.4	0.000468
0.5	0.002544	5.9	0.006976	11.3	0.001014	16.7	0.000905	22.1	0.000584	27.5	0.000469
0.6	0.006616	6	0.006699	11.4	0.000987	16.8	0.000895	22.2	0.000575	27.6	0.00047
0.7	0.01089	6.1	0.00641	11.5	0.000959	16.9	0.000896	22.3	0.000567	27.7	0.000464
0.8	0.016221	6.2	0.006161	11.6	0.000936	17	0.000887	22.4	0.000572	27.8	0.000465
0.9	0.02258	6.3	0.005936	11.7	0.000911	17.1	0.000884	22.5	0.000563	27.9	0.000465
1	0.029201	6.4	0.005724	11.8	0.000888	17.2	0.00088	22.6	0.000565	28	0.000459
1.1	0.035679	6.5	0.00552	11.9	0.000864	17.3	0.000872	22.7	0.000562	28.1	0.000451
1.2	0.042172	6.6	0.005331	12	0.000845	17.4	0.000869	22.8	0.000563	28.2	0.00045
1.3	0.048313	6.7	0.005159	12.1	0.000828	17.5	0.000856	22.9	0.000555	28.3	0.000442
1.4	0.05394	6.8	0.004995	12.2	0.000807	17.6	0.000851	23	0.000558	28.4	0.000444
1.5	0.058824	6.9	0.004828	12.3	0.000782	17.7	0.000847	23.1	0.000552	28.5	0.000446
1.6	0.062681	7	0.004654	12.4	0.000771	17.8	0.000842	23.2	0.000556	28.6	0.000444
1.7	0.065438	7.1	0.004492	12.5	0.000751	17.9	0.000831	23.3	0.000554	28.7	0.000442
1.8	0.066962	7.2	0.004326	12.6	0.000736	18	0.000824	23.4	0.000545	28.8	0.000438
1.9	0.067304	7.3	0.004176	12.7	0.000728	18.1	0.000816	23.5	0.000535	28.9	0.000438
2	0.066893	7.4	0.00401	12.8	0.000722	18.2	0.000805	23.6	0.000535	29	0.000437
2.1	0.064951	7.5	0.003864	12.9	0.000712	18.3	0.000804	23.7	0.000539	29.1	0.000432
2.2	0.062691	7.6	0.00372	13	0.00071	18.4	0.000795	23.8	0.000532	29.2	0.000427
2.3	0.060022	7.7	0.003577	13.1	0.000705	18.5	0.00079	23.9	0.000535	29.3	0.000426
2.4	0.057043	7.8	0.003443	13.2	0.000702	18.6	0.000784	24	0.000532	29.4	0.000418
2.5	0.053932	7.9	0.00331	13.3	0.0007	18.7	0.000778	24.1	0.00053	29.5	0.000422
2.6	0.050732	8	0.003187	13.4	0.00071	18.8	0.000773	24.2	0.000533	29.6	0.000418
2.7	0.047495	8.1	0.003069	13.5	0.000717	18.9	0.000761	24.3	0.000528	29.7	0.00041
2.8	0.044334	8.2	0.002953	13.6	0.000722	19	0.000753	24.4	0.000528	29.8	0.000405
2.9	0.04112	8.3	0.002841	13.7	0.000732	19.1	0.000744	24.5	0.000532	29.9	0
3	0.038251	8.4	0.002735	13.8	0.000742	19.2	0.000732	24.6	0.000525		
3.1	0.035472	8.5	0.002632	13.9	0.000753	19.3	0.000721	24.7	0.000523		
3.2	0.032855	8.6	0.002524	14	0.000769	19.4	0.000718	24.8	0.00052		
3.3	0.030467	8.7	0.002415	14.1	0.000783	19.5	0.000706	24.9	0.00051		
3.4	0.028248	8.8	0.002324	14.2	0.000796	19.6	0.000705	25	0.000507		
3.5	0.026232	8.9	0.002233	14.3	0.000806	19.7	0.000701	25.1	0.000515		
3.6	0.024393	9	0.002151	14.4	0.000824	19.8	0.000694	25.2	0.000515		
3.7	0.022685	9.1	0.002072	14.5	0.000838	19.9	0.000687	25.3	0.000511		
3.8	0.021149	9.2	0.001998	14.6	0.000843	20	0.000682	25.4	0.000511		
3.9	0.019809	9.3	0.001921	14.7	0.000856	20.1	0.00068	25.5	0.000504		
4	0.018473	9.4	0.001853	14.8	0.000865	20.2	0.000675	25.6	0.000503		
4.1	0.017272	9.5	0.001786	14.9	0.000876	20.3	0.000672	25.7	0.000502		
4.2	0.016294	9.6	0.001731	15	0.000883	20.4	0.000666	25.8	0.000498		
4.3	0.015389	9.7	0.001677	15.1	0.000897	20.5	0.000659	25.9	0.000501		
4.4	0.014568	9.8	0.001617	15.2	0.000906	20.6	0.000655	26	0.000494		
4.5	0.013809	9.9	0.001563	15.3	0.000906	20.7	0.000651	26.1	0.000501		
4.6	0.013102	10	0.001505	15.4	0.000912	20.8	0.000642	26.2	0.000495		
4.7	0.012457	10.1	0.001456	15.5	0.000915	20.9	0.000643	26.3	0.00049		
4.8	0.011513	10.2	0.001407	15.6	0.000923	21	0.000632	26.4	0.000481		
4.9	0.01099	10.3	0.001361	15.7	0.000931	21.1	0.000625	26.5	0.000486		
5	0.010512	10.4	0.001315	15.8	0.000939	21.2	0.000619	26.6	0.000486		
5.1	0.010065	10.5	0.001274	15.9	0.000934	21.3	0.000617	26.7	0.000485		
5.2	0.009644	10.6	0.001229	16	0.000936	21.4	0.000611	26.8	0.000476		
5.3	0.009247	10.7	0.001191	16.1	0.000935	21.5	0.000609	26.9	0.000474		

Output Signal					
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
5.6	0	11	0.071129	16.4	0.05951
5.7	0.000231	11.1	0.072175	16.5	0.057411
5.8	0.000235	11.2	0.073176	16.6	0.056305
5.9	0.000236	11.3	0.074154	16.7	0.055203
6	0.000243	11.4	0.075084	16.8	0.054043
6.1	0.000274	11.5	0.07595	16.9	0.052924
6.2	0.000321	11.6	0.07675	17	0.051822
6.3	0.000413	11.7	0.077511	17.1	0.050697
6.4	0.000544	11.8	0.078183	17.2	0.049626
6.5	0.000748	11.9	0.078828	17.3	0.048586
6.6	0.001029	12	0.079464	17.4	0.047521
6.7	0.001419	12.1	0.080066	17.5	0.046455
6.8	0.001922	12.2	0.080609	17.6	0.045371
6.9	0.002557	12.3	0.081029	17.7	0.04429
7	0.003396	12.4	0.08133	17.8	0.043256
7.1	0.004332	12.5	0.081596	17.9	0.042231
7.2	0.005458	12.6	0.081845	18	0.041218
7.3	0.006727	12.7	0.082056	18.1	0.040188
7.4	0.008286	12.8	0.082237	18.2	0.039048
7.5	0.00987	12.9	0.082436	18.3	0.038037
7.6	0.011593	13	0.082555	18.4	0.037026
7.7	0.013428	13.1	0.082629	18.5	0.036059
7.8	0.015364	13.2	0.082608	18.6	0.035127
7.9	0.01738	13.3	0.082511	18.7	0.034234
8	0.019467	13.4	0.082332	18.8	0.033384
8.1	0.021599	13.5	0.08201	18.9	0.032556
8.2	0.023743	13.6	0.081643	19	0.031738
8.3	0.025898	13.7	0.081228	19.1	0.030853
8.4	0.028054	13.8	0.080766	19.2	0.030064
8.5	0.030195	13.9	0.080315	19.3	0.029257
8.6	0.032299	14	0.079878	19.4	0.028454
8.7	0.034608	14.1	0.079344	19.5	0.027667
8.8	0.036656	14.2	0.07881	19.6	0.026901
8.9	0.038675	14.3	0.078266	19.7	0.026162
9	0.040636	14.4	0.077633	19.8	0.025424
9.1	0.042572	14.5	0.076979	19.9	0.024732
9.2	0.044475	14.6	0.076255	20	0.024057
9.3	0.046312	14.7	0.075439	20.1	0.023404
9.4	0.048104	14.8	0.074616	20.2	0.022782
9.5	0.049853	14.9	0.073802	20.3	0.022155
9.6	0.051549	15	0.072975	20.4	0.021527
9.7	0.053212	15.1	0.072139	20.5	0.020933
9.8	0.054852	15.2	0.071273	20.6	0.020346
9.9	0.056463	15.3	0.070282	20.7	0.019798
10	0.058024	15.4	0.069204	20.8	0.019286
10.1	0.059564	15.5	0.068107	20.9	0.018801
10.2	0.060999	15.6	0.06702	21	0.018339
10.3	0.062429	15.7	0.065924	21.1	0.01785
10.4	0.063826	15.8	0.064876	21.2	0.017363
10.5	0.065151	15.9	0.063795	21.3	0.016887
10.6	0.066429	16	0.062679	21.4	0.016427
10.7	0.067679	16.1	0.061557	21.5	0.015971
10.8	0.068861	16.2	0.060426	21.6	0.015557
10.9	0.070032	16.3	0.059576	21.7	0.015164

Output Signal (continued)								Output Signal (continued)							
Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)	Time (s)	Current (µA)
27.2	0.00509	32.6	0.00279	39	0.00176	43.4	0.00145	48.8	0.000829	54.2	0.000642	59.6	0.000478		
27.3	0.005011	32.7	0.002762	38.1	0.001699	43.5	0.001139	48.9	0.000823	54.3	0.000638	59.7	0.000478		
27.4	0.004943	32.8	0.002736	38.2	0.001686	43.6	0.001132	49	0.000818	54.4	0.000634	59.8	0.000475		
27.5	0.004879	32.9	0.002711	38.3	0.00167	43.7	0.001128	49.1	0.000815	54.5	0.00063	59.9	0.00048		
27.6	0.004815	33	0.002677	38.4	0.001657	43.8	0.001118	49.2	0.000813	54.6	0.000624	60	0.000478		
27.7	0.004758	33.1	0.002646	38.5	0.001644	43.9	0.001109	49.3	0.00081	54.7	0.000624	60.1	0.000473		
27.8	0.004698	33.2	0.002625	38.6	0.001632	44	0.001101	49.4	0.000808	54.8	0.000617	60.2	0.000469		
27.9	0.00465	33.3	0.002592	38.7	0.001617	44.1	0.001097	49.5	0.000804	54.9	0.000615	60.3	0.000462		
28	0.004599	33.4	0.002569	38.8	0.001608	44.2	0.00109	49.6	0.000804	55	0.000609	60.4	0.000469		
28.1	0.00454	33.5	0.002541	38.9	0.001595	44.3	0.001083	49.7	0.0008	55.1	0.00061	60.5	0.000468		
28.2	0.004483	33.6	0.00252	39	0.001584	44.4	0.001076	49.8	0.000792	55.2	0.000605	60.6	0.000465		
28.3	0.004413	33.7	0.002498	39.1	0.001575	44.5	0.001067	49.9	0.000787	55.3	0.0006	60.7	0.000466		
28.4	0.004353	33.8	0.002478	39.2	0.001562	44.6	0.001059	50	0.000784	55.4	0.000597	60.8	0.000457		
28.5	0.00429	33.9	0.002451	39.3	0.001552	44.7	0.001048	50.1	0.000782	55.5	0.000595	60.9	0.000456		
28.6	0.004231	34	0.002429	39.4	0.001543	44.8	0.00104	50.2	0.000781	55.6	0.000592	61	0.000455		
28.7	0.004184	34.1	0.002415	39.5	0.001539	44.9	0.001037	50.3	0.00078	55.7	0.000593	61.1	0.000448		
28.8	0.004129	34.2	0.002387	39.6	0.001519	45	0.00103	50.4	0.000773	55.8	0.000586	61.2	0.000448		
28.9	0.004085	34.3	0.002364	39.7	0.001507	45.1	0.001022	50.5	0.000763	55.9	0.000588	61.3	0.000439		
29	0.004036	34.4	0.002344	39.8	0.00149	45.2	0.001022	50.6	0.000761	56	0.000586	61.4	0.000431		
29.1	0.003989	34.5	0.002318	39.9	0.001478	45.3	0.001014	50.7	0.000758	56.1	0.000586	61.5	0.000428		
29.2	0.003947	34.6	0.002297	40	0.001463	45.4	0.001014	50.8	0.000752	56.2	0.000576	61.6	0.000443		
29.3	0.003902	34.7	0.00227	40.1	0.001451	45.5	0.00101	50.9	0.000746	56.3	0.000568	61.7	0.000438		
29.4	0.003847	34.8	0.002262	40.2	0.001437	45.6	0.001006	51	0.000747	56.4	0.000572	61.8	0.00044		
29.5	0.003808	34.9	0.002243	40.3	0.00143	45.7	0.000995	51.1	0.000748	56.5	0.000564	61.9	0.000435		
29.6	0.003768	35	0.002225	40.4	0.001413	45.8	0.000988	51.2	0.000741	56.6	0.000559	62	0.000433		
29.7	0.003732	35.1	0.002209	40.5	0.001405	45.9	0.000979	51.3	0.000741	56.7	0.000557	62.1	0.000428		
29.8	0.003699	35.2	0.002183	40.6	0.001396	46	0.000972	51.4	0.000742	56.8	0.000556	62.2	0.000415		
29.9	0.003659	35.3	0.002162	40.7	0.001388	46.1	0.000966	51.5	0.000737	56.9	0.000556	62.3	0.000413		
30	0.003615	35.4	0.002139	40.8	0.001379	46.2	0.000961	51.6	0.000725	57	0.000558	62.4	0.000412		
30.1	0.003572	35.5	0.002125	40.9	0.001372	46.3	0.00095	51.7	0.000719	57.1	0.000551	62.5	0.000396		
30.2	0.003533	35.6	0.00211	41	0.001363	46.4	0.000945	51.8	0.000716	57.2	0.000548	62.6	0.000402		
30.3	0.003493	35.7	0.002089	41.1	0.001352	46.5	0.000941	51.9	0.000716	57.3	0.000542	62.7	0.000409		
30.4	0.003462	35.8	0.002069	41.2	0.001337	46.6	0.000936	52	0.000709	57.4	0.000538	62.8	0.000424		
30.5	0.003434	35.9	0.002046	41.3	0.001335	46.7	0.000935	52.1	0.000709	57.5	0.00054	62.9	0.000439		
30.6	0.003401	36	0.002021	41.4	0.001325	46.8	0.00093	52.2	0.000704	57.6	0.000534	63	0.00043		
30.7	0.003375	36.1	0.002004	41.5	0.001319	46.9	0.000918	52.3	0.000701	57.7	0.000532	63.1	0.00041		
30.8	0.003345	36.2	0.001989	41.6	0.001307	47	0.000917	52.4	0.000701	57.8	0.000525	63.2	0.000406		
30.9	0.003311	36.3	0.001979	41.7	0.001296	47.1	0.000913	52.5	0.000697	57.9	0.000527	63.3	0.000401		
31	0.003283	36.4	0.001965	41.8	0.001281	47.2	0.000913	52.6	0.000689	58	0.000521	63.4	0		
31.1	0.003242	36.5	0.001945	41.9	0.001273	47.3	0.00091	52.7	0.000687	58.1	0.000524				
31.2	0.00321	36.6	0.001934	42	0.00126	47.4	0.000908	52.8	0.000684	58.2	0.000519				
31.3	0.003172	36.7	0.001928	42.1	0.001256	47.5	0.0009	52.9	0.000681	58.3	0.000518				
31.4	0.00313	36.8	0.001909	42.2	0.001245	47.6	0.000889	53	0.000677	58.4	0.000514				
31.5	0.003091	36.9	0.001892	42.3	0.001238	47.7	0.000881	53.1	0.000677	58.5	0.00051				
31.6	0.003061	37	0.001877	42.4	0.001234	47.8	0.000881	53.2	0.000667	58.6	0.000515				
31.7	0.00303	37.1	0.001859	42.5	0.001223	47.9	0.000872	53.3	0.000659	58.7	0.000512				
31.8	0.003006	37.2	0.00184	42.6	0.00122	48	0.00087	53.4	0.00066	58.8	0.00051				
31.9	0.002982	37.3	0.001825	42.7	0.001213	48.1	0.000865	53.5	0.000656	58.9	0.000503				
32	0.002959	37.4	0.001809	42.8	0.001195	48.2	0.000867	53.6	0.000647	59	0.000503				
32.1	0.002935	37.5	0.001791	42.9	0.001182	48.3	0.000862	53.7	0.00065	59.1	0.000496				
32.2	0.002901	37.6	0.001777	43	0.001178	48.4	0.000856	53.8	0.00065	59.2	0.000489				
32.3	0.002874	37.7	0.001767	43.1	0.001167	48.5	0.000849	53.9	0.000647	59.3	0.000484				
32.4	0.002844	37.8	0.001748	43.2	0.001155	48.6	0.000844	54	0.000646	59.4	0.000484				
32.5	0.002815	37.9	0.001731	43.3	0.001152	48.7	0.000835	54.1	0.000646	59.5	0.000483				

B1.0-2.0

Input Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
0	0	5.4	0.005202	10.8	0.001914	16.2	0.00121
0.1	0.000443	5.5	0.005087	10.9	0.001891	16.3	0.001199
0.2	0.001302	5.6	0.004972	11	0.001872	16.4	0.001187
0.3	0.003664	5.7	0.004859	11.1	0.001853	16.5	0.00119
0.4	0.008021	5.8	0.004754	11.2	0.001833	16.6	0.00118
0.5	0.014215	5.9	0.004656	11.3	0.001813	16.7	0.001169
0.6	0.021616	6	0.004559	11.4	0.001788	16.8	0.001167
0.7	0.029431	6.1	0.004462	11.5	0.001772	16.9	0.001153
0.8	0.036957	6.2	0.004372	11.6	0.001755	17	0.001153
0.9	0.043738	6.3	0.004281	11.7	0.001741	17.1	0.001149
1	0.049294	6.4	0.004183	11.8	0.001728	17.2	0.00114
1.1	0.053342	6.5	0.004096	11.9	0.001708	17.3	0.001136
1.2	0.055758	6.6	0.004008	12	0.001693	17.4	0.001131
1.3	0.056592	6.7	0.003933	12.1	0.001681	17.5	0.001124
1.4	0.056013	6.8	0.003842	12.2	0.001662	17.6	0.001124
1.5	0.05424	6.9	0.003707	12.3	0.00165	17.7	0.00111
1.6	0.051642	7	0.003627	12.4	0.001632	17.8	0.001107
1.7	0.048516	7.1	0.003535	12.5	0.001616	17.9	0.001096
1.8	0.045127	7.2	0.003459	12.6	0.001609	18	0.001096
1.9	0.041607	7.3	0.003381	12.7	0.001594	18.1	0.00109
2	0.038077	7.4	0.003269	12.8	0.001574	18.2	0.001085
2.1	0.034614	7.5	0.003192	12.9	0.001568	18.3	0.001087
2.2	0.031356	7.6	0.003127	13	0.001552	18.4	0.001075
2.3	0.028385	7.7	0.003058	13.1	0.001537	18.5	0.001084
2.4	0.025731	7.8	0.002988	13.2	0.001524	18.6	0.00108
2.5	0.023377	7.9	0.002913	13.3	0.001513	18.7	0.001081
2.6	0.021291	8	0.002845	13.4	0.001502	18.8	0.001078
2.7	0.019436	8.1	0.002753	13.5	0.001488	18.9	0.001078
2.8	0.017802	8.2	0.0027	13.6	0.001478	19	0.001077
2.9	0.016355	8.3	0.002634	13.7	0.001467	19.1	0.00107
3	0.015076	8.4	0.002588	13.8	0.001454	19.2	0.001066
3.1	0.013958	8.5	0.00254	13.9	0.001451	19.3	0.001061
3.2	0.012973	8.6	0.002503	14	0.001431	19.4	0.001059
3.3	0.0121	8.7	0.002464	14.1	0.001422	19.5	0.001056
3.4	0.011342	8.8	0.002423	14.2	0.001403	19.6	0.001054
3.5	0.010654	8.9	0.002392	14.3	0.001393	19.7	0.001045
3.6	0.010052	9	0.002352	14.4	0.001379	19.8	0.001035
3.7	0.009503	9.1	0.002325	14.5	0.001368	19.9	0.001036
3.8	0.009017	9.2	0.002289	14.6	0.001351	20	0.001022
3.9	0.00859	9.3	0.002255	14.7	0.00133	20.1	0.001022
4	0.008214	9.4	0.002233	14.8	0.001317	20.2	0.001018
4.1	0.007868	9.5	0.002208	14.9	0.001311	20.3	0.001012
4.2	0.007547	9.6	0.002178	15	0.001302	20.4	0.001007
4.3	0.007243	9.7	0.002151	15.1	0.001294	20.5	0.001002
4.4	0.006963	9.8	0.002132	15.2	0.001286	20.6	0.000994
4.5	0.006709	9.9	0.002103	15.3	0.001279	20.7	0.000991
4.6	0.006479	10	0.002081	15.4	0.001268	20.8	0.000985
4.7	0.00628	10.1	0.002053	15.5	0.001261	20.9	0.000978
4.8	0.006077	10.2	0.002031	15.6	0.001252	21	0
4.9	0.005903	10.3	0.002011	15.7	0.001242		
5	0.005741	10.4	0.001984	15.8	0.00123		
5.1	0.005601	10.5	0.001962	15.9	0.001228		
5.2	0.005455	10.6	0.001954	16	0.001224		
5.3	0.00533	10.7	0.001936	16.1	0.001217		

Output Signal

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
4.1	0	9.5	0.080227	14.9	0.028907	20.3	0.005877
4.2	0.000340	9.6	0.080246	15	0.028012	20.4	0.005755
4.3	0.000342	9.7	0.080202	15.1	0.027120	20.5	0.005639
4.4	0.000368	9.8	0.080133	15.2	0.026276	20.6	0.005521
4.5	0.000442	9.9	0.079982	15.3	0.025423	20.7	0.005412
4.6	0.000611	10	0.079749	15.4	0.024580	20.8	0.005307
4.7	0.000920	10.1	0.079433	15.5	0.023761	20.9	0.005200
4.8	0.001479	10.2	0.079008	15.6	0.022985	21	0.005097
4.9	0.002242	10.3	0.078438	15.7	0.022227	21.1	0.004999
5	0.003291	10.4	0.077709	15.8	0.021517	21.2	0.004907
5.1	0.004633	10.5	0.077025	15.9	0.020840	21.3	0.004819
5.2	0.006360	10.6	0.076337	16	0.020195	21.4	0.004720
5.3	0.008403	10.7	0.075617	16.1	0.019575	21.5	0.004637
5.4	0.010682	10.8	0.074878	16.2	0.018956	21.6	0.004560
5.5	0.013193	10.9	0.074099	16.3	0.018310	21.7	0.004478
5.6	0.015980	11	0.073266	16.4	0.017713	21.8	0.004407
5.7	0.019054	11.1	0.072385	16.5	0.017138	21.9	0.004330
5.8	0.022266	11.2	0.071443	16.6	0.016579	22	0.004256
5.9	0.025514	11.3	0.070469	16.7	0.016037	22.1	0.004179
6	0.028801	11.4	0.069158	16.8	0.015517	22.2	0.004109
6.1	0.032092	11.5	0.068102	16.9	0.015020	22.3	0.004041
6.2	0.035323	11.6	0.067026	17	0.014536	22.4	0.003979
6.3	0.038344	11.7	0.065980	17.1	0.014052	22.5	0.003918
6.4	0.041036	11.8	0.064886	17.2	0.013634	22.6	0.003860
6.5	0.043348	11.9	0.063758	17.3	0.013240	22.7	0.003805
6.6	0.045607	12	0.062590	17.4	0.012845	22.8	0.003755
6.7	0.047932	12.1	0.061402	17.5	0.012445	22.9	0.003697
6.8	0.050593	12.2	0.060201	17.6	0.012079	23	0.003643
6.9	0.054230	12.3	0.058970	17.7	0.011709	23.1	0.003589
7	0.056254	12.4	0.057741	17.8	0.011358	23.2	0.003542
7.1	0.058023	12.5	0.056479	17.9	0.011018	23.3	0.003493
7.2	0.059527	12.6	0.055192	18	0.010690	23.4	0.003445
7.3	0.060987	12.7	0.053912	18.1	0.010375	23.5	0.003395
7.4	0.063118	12.8	0.052727	18.2	0.010076	23.6	0.003353
7.5	0.064485	12.9	0.051535	18.3	0.009796	23.7	0.003303
7.6	0.065718	13	0.050351	18.4	0.009523	23.8	0.003253
7.7	0.066959	13.1	0.049008	18.5	0.009263	23.9	0.003221
7.8	0.068179	13.2	0.047749	18.6	0.008997	24	0.003182
7.9	0.069404	13.3	0.046488	18.7	0.008743	24.1	0.003144
8	0.070574	13.4	0.045234	18.8	0.008503	24.2	0.003104
8.1	0.072227	13.5	0.044007	18.9	0.008278	24.3	0.003071
8.2	0.073393	13.6	0.042846	19	0.008060	24.4	0.003027
8.3	0.074656	13.7	0.041688	19.1	0.007848	24.5	0.002990
8.4	0.075439	13.8	0.040568	19.2	0.007643	24.6	0.002954
8.5	0.076123	13.9	0.039477	19.3	0.007446	24.7	0.002920
8.6	0.076685	14	0.038383	19.4	0.007278	24.8	0.002885
8.7	0.077255	14.1	0.037295	19.5	0.007109	24.9	0.002852
8.8	0.077869	14.2	0.036196	19.6	0.006943	25	0.002820
8.9	0.078491	14.3	0.035112	19.7	0.006766	25.1	0.002788
9	0.079033	14.4	0.034086	19.8	0.006602	25.2	0.002754
9.1	0.079470	14.5	0.033070	19.9	0.006443	25.3	0.002724
9.2	0.079762	14.6	0.032044	20	0.006291	25.4	0.002686
9.3	0.079957	14.7	0.030959	20.1	0.006145	25.5	0.002653
9.4	0.080113	14.8	0.029900	20.2	0.006010	25.6	0.002632

Output Signal (continued)

Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)	Time (s)	Current (μA)
31.1	0.001528	36.5	0.001014	41.9	0.000755	47.3	0.000587	52.7	0.000465
31.2	0.001517	36.6	0.001011	42	0.000745	47.4	0.000577	52.8	0.000465
31.3	0.001500	36.7	0.001002	42.1	0.000740	47.5	0.000581	52.9	0.000461
31.4	0.001484	36.8	0.000997	42.2	0.000738	47.6	0.000583	53	0.000459
31.5	0.001473	36.9	0.000990	42.3	0.000734	47.7	0.000573	53.1	0.000448
31.6	0.001466	37	0.000980	42.4	0.000730	47.8	0.000570	53.2	0.000450
31.7	0.001451	37.1	0.000978	42.5	0.000727	47.9	0.000567	53.3	0.000452
31.8	0.001443	37.2	0.000974	42.6	0.000724	48	0.000568	53.4	0.000450
31.9	0.001425	37.3	0.000964	42.7	0.000720	48.1	0.000574	53.5	0.000445
32	0.001417	37.4	0.000963	42.8	0.000717	48.2	0.000561	53.6	0.000443
32.1	0.001407	37.5	0.000956	42.9	0.000716	48.3	0.000557	53.7	0.000439
32.2	0.001399	37.6	0.000949	43	0.000710	48.4	0.000560	53.8	0.000437
32.3	0.001389	37.7	0.000945	43.1	0.000710	48.5	0.000557	53.9	0.000434
32.4	0.001373	37.8	0.000940	43.2	0.000709	48.6	0.000556	54	0.000437
32.5	0.001364	37.9	0.000929	43.3	0.000698	48.7	0.000549	54.1	0.000437
32.6	0.001353	38	0.000928	43.4	0.000696	48.8	0.000549	54.2	0.000428
32.7	0.001344	38.1	0.000923	43.5	0.000693	48.9	0.000548	54.3	0.000432
32.8	0.001326	38.2	0.000920	43.6	0.000689	49	0.000541	54.4	0.000426
32.9	0.001324	38.3	0.000912	43.7	0.000691	49.1	0.000545	54.5	0.000423
33	0.001308	38.4	0.000900	43.8	0.000685	49.2	0.000535	54.6	0.000421
33.1	0.001301	38.5	0.000892	43.9	0.000682	49.3	0.000541	54.7	0.000423
33.2	0.001287	38.6	0.000891	44	0.000675	49.4	0.000536	54.8	0.000420
33.3	0.001278	38.7	0.000888	44.1	0.000669	49.5	0.000533	54.9	0.000417
33.4	0.001268	38.8	0.000883	44.2	0.000668	49.6	0.000532	55	0.000419
33.5	0.001253	38.9	0.000875	44.3	0.000665	49.7	0.000529	55.1	0.000417
33.6	0.001250	39	0.000871	44.4	0.000661	49.8	0.000527	55.2	0.000416
33.7	0.001236	39.1	0.000870	44.5	0.000659	49.9	0.000522	55.3	0.000412
33.8	0.001223	39.2	0.000863	44.6	0.000660	50	0.000518	55.4	0.000410
33.9	0.001219	39.3	0.000858	44.7	0.000658	50.1	0.000520	55.5	0.000411
34	0.001208	39.4	0.000851	44.8	0.000656	50.2	0.000515	55.6	0.000407
34.1	0.001199	39.5	0.000854	44.9	0.000652	50.3	0.000510	55.7	0.000403
34.2	0.001191	39.6	0.000844	45	0.000641	50.4	0.000512	55.8	0.000404
34.3	0.001182	39.7	0.000842	45.1	0.000645	50.5	0.000508	55.9	0
34.4	0.001179	39.8	0.000834	45.2	0.000644	50.6	0.000504		
34.5	0.001167	39.9	0.000831	45.3	0.000634	50.7	0.000503		
34.6	0.001156	40	0.000831	45.4	0.000637	50.8	0.000496		
34.7	0.001150	40.1	0.000824	45.5	0.000629	50.9	0.000493		
34.8	0.001135	40.2	0.000821	45.6	0.000634	51	0.000499		
34.9	0.001134	40.3	0.000813	45.7	0.000625	51.1	0.000494		
35	0.001123	40.4	0.000810	45.8	0.000618	51.2	0.000490		
35.1	0.001118	40.5	0.000808	45.9	0.000621	51.3	0.000493		
35.2	0.001109	40.6	0.000803	46	0.000623	51.4	0.000490		
35.3	0.001105	40.7	0.000792	46.1	0.000620	51.5	0.000488		
35.4	0.001098	40.8	0.000798	46.2	0.000617	51.6	0.000485		
35.5	0.001088	40.9	0.000785	46.3	0.000616	51.7	0.000484		
35.6	0.001081	41	0.000781	46.4	0.000612	51.8	0.000482		
35.7	0.001073	41.1	0.000779	46.5	0.000601	51.9	0.000478		
35.8	0.001063	41.2	0.000774	46.6	0.000605	52	0.000477		
35.9	0.001053	41.3	0.000771	46.7	0.000600	52.1	0.000473		
36	0.001048	41.4	0.000769	46.8	0.000596	52.2	0.000472		
36.1	0.001041	41.5	0.000762	46.9	0.000598	52.3	0.000467		
36.2	0.001035	41.6	0.000764	47	0.000589	52.4	0.000466		
36.3	0.001024	41.7	0.000753	47.1	0.000588	52.5	0.000464		
36.4	0.001022	41.8	0.000754	47.2	0.000586	52.6	0.000467		