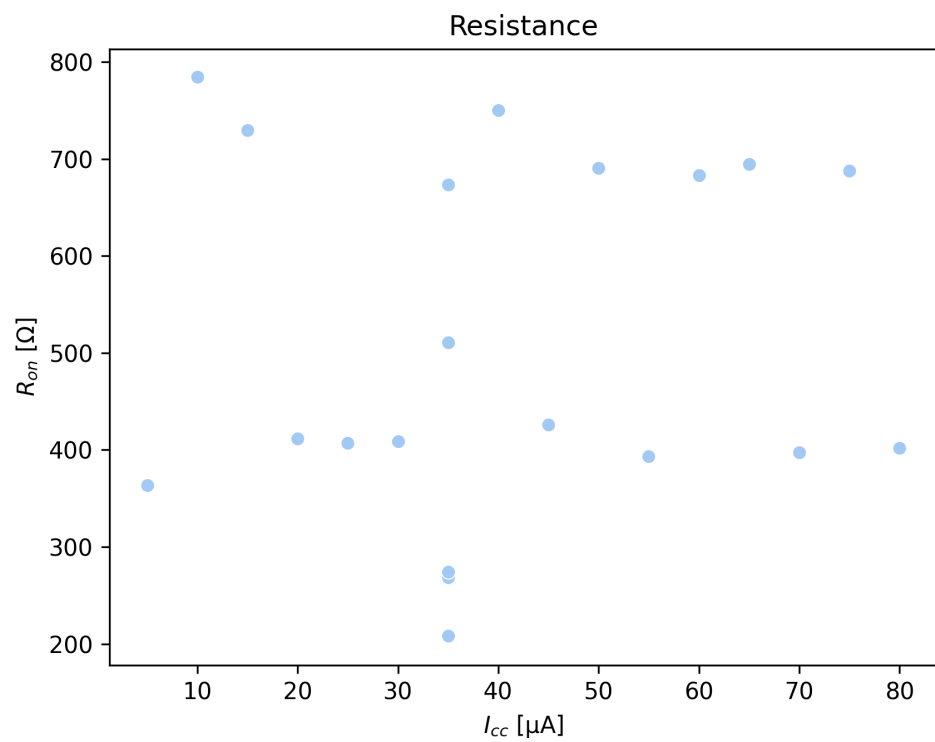


(wafer2,0,8,-1,-1,1,1) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 44
- **Last Measurement:** 2022/April/03 at 02:06:25PM

Summary

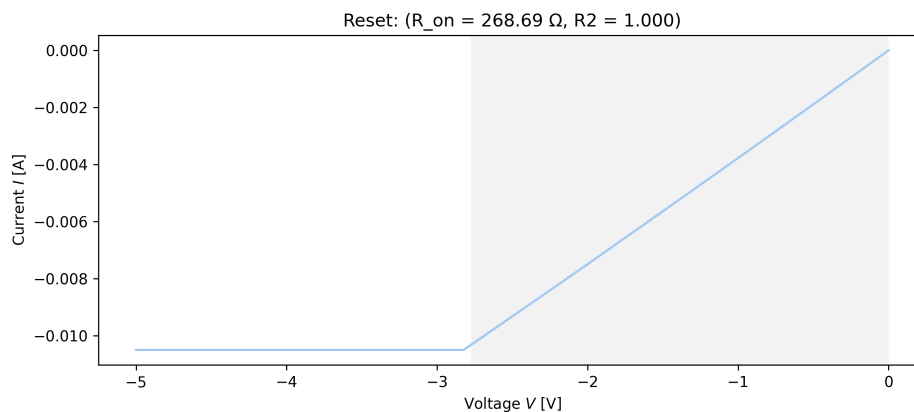
Cycle #	Set Icc (μ A)	Set Voltage (V)	R_on (Ω)	R2
1	35.0	4.90	268.69	1.000
2	35.0	4.90	274.27	1.000
3	35.0	3.00	510.61	1.000
4	35.0	4.45	673.37	1.000
5	40.0	3.60	750.59	1.000
6	45.0	3.70	426.16	1.000
7	50.0	3.85	690.75	1.000
8	55.0	3.75	393.53	1.000
9	60.0	3.65	683.58	1.000
10	65.0	3.45	694.76	1.000
11	70.0	3.85	397.61	1.000
12	75.0	3.40	688.05	1.000
13	80.0	3.30	401.91	1.000
14	30.0	3.00	408.94	1.000
15	25.0	2.75	406.93	1.000
16	20.0	3.30	411.57	1.000
17	15.0	2.80	729.75	1.000
18	10.0	2.40	784.61	1.000
19	5.0	2.85	363.50	1.000
20	35.0	3.15	207.09	1.000
21	35.0	3.15	208.09	1.000



reset

- **Time:** 12:42:45PM
- **I_{cc}:** 10.5mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.839 V/s*
- **Cycle:** 1
- **Resistance:** 268.69 Ω
- **Linear Fit R²:** 1.000

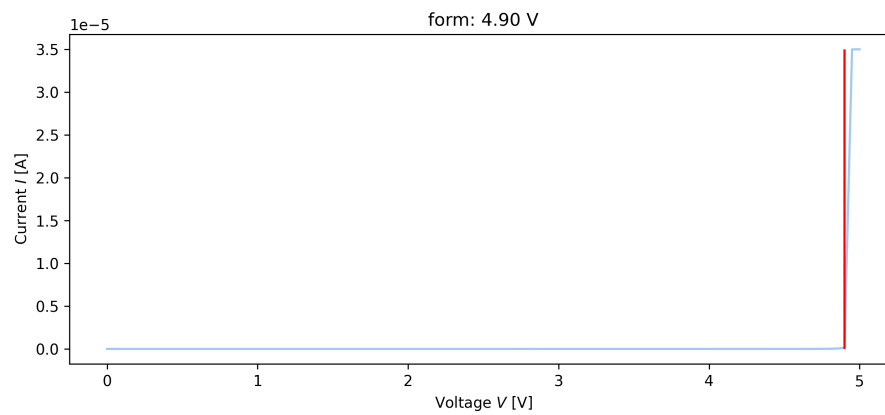
Did not reset



form

- **Time:** 12:45:28PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Set Voltage:** 4.90 V

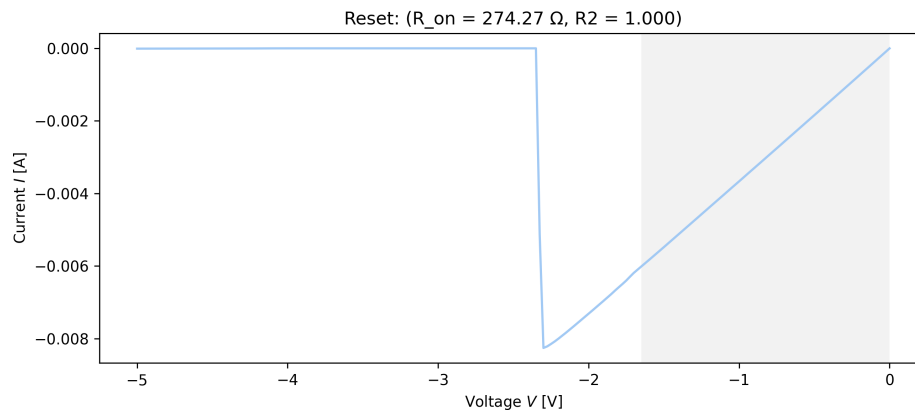
Formed 4.95V



reset

- **Time:** 12:46:52PM
- **I_{cc}:** 10.5mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.839 V/s*
- **Cycle:** 2
- **Resistance:** 274.27 Ω
- **Linear Fit R²:** 1.000

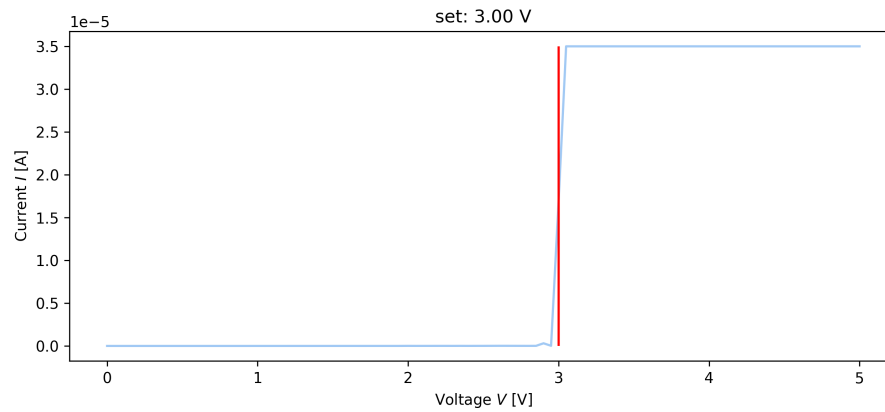
Did reset (also good)



set

- **Time:** 12:49:27PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 3
- **Set Voltage:** 3.00 V

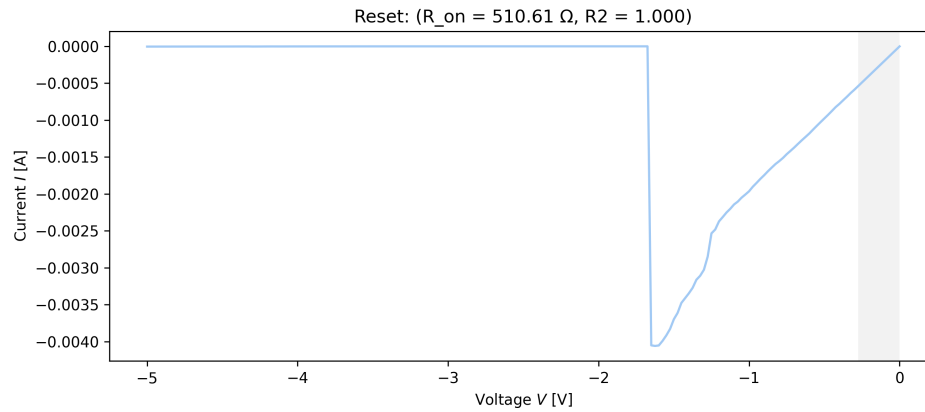
set at 3.05V



reset

- **Time:** 12:50:03PM
- **I_{cc}:** 10.5mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.743 V/s*
- **Cycle:** 3
- **Resistance:** 510.61 Ω
- **Linear Fit R²:** 1.000

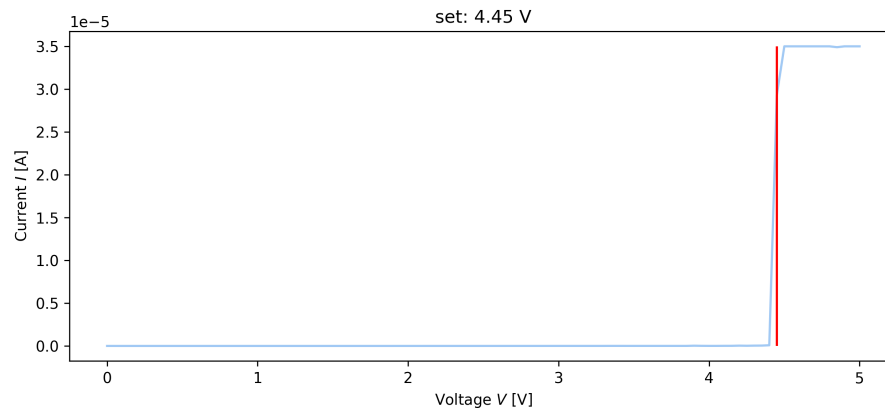
Did reset



set

- **Time:** 12:50:31PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 4
- **Set Voltage:** 4.45 V

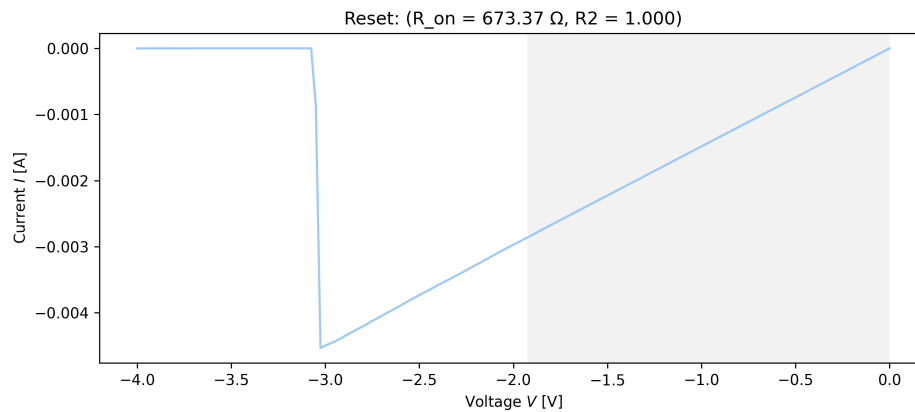
set at 4.5V



reset

- **Time:** 12:51:05PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.693 V/s*
- **Cycle:** 4
- **Resistance:** 673.37 Ω
- **Linear Fit R2:** 1.000

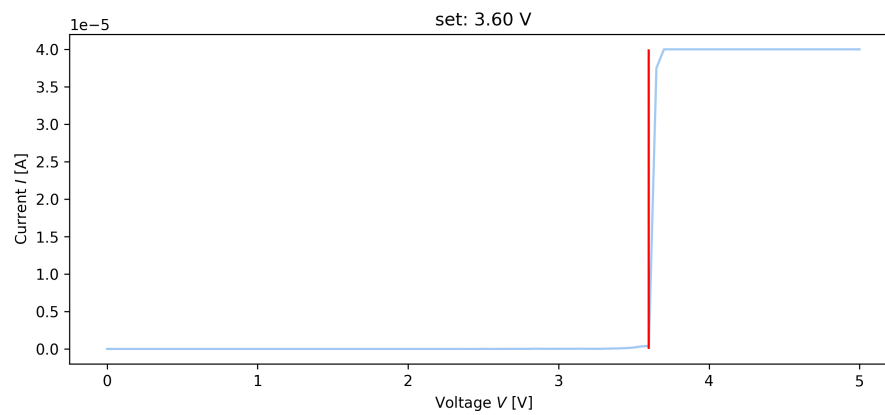
REset



set

- **Time:** 12:52:21PM
- **Icc:** 40.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 5
- **Set Voltage:** 3.60 V

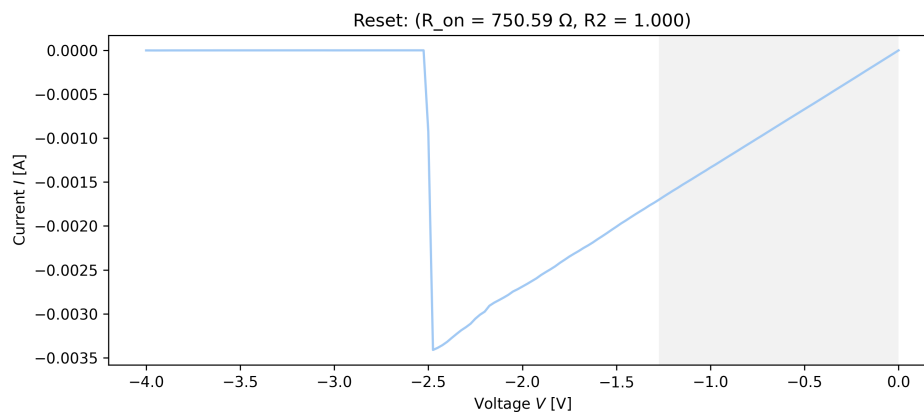
set at 3.7V



reset

- **Time:** 12:52:44PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.676 V/s*
- **Cycle:** 5
- **Resistance:** 750.59 Ω
- **Linear Fit R²:** 1.000

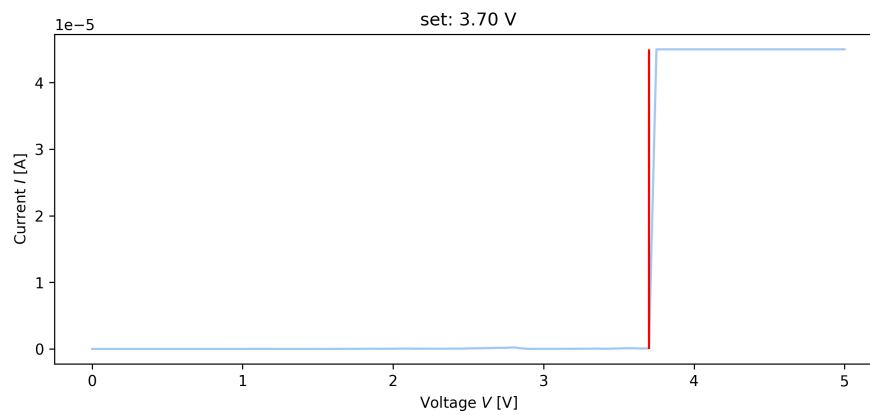
Reset



set

- **Time:** 12:53:28PM
- **I_{cc}:** 45.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 6
- **Set Voltage:** 3.70 V

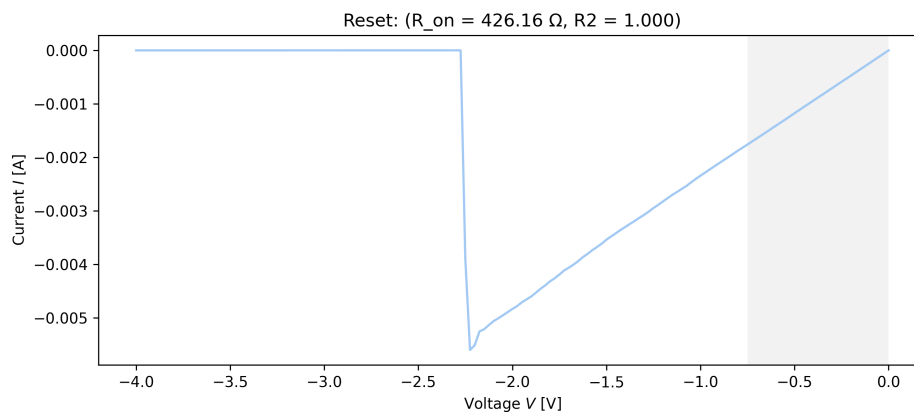
set at 3.75V



reset

- **Time:** 12:53:53PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.776 V/s*
- **Cycle:** 6
- **Resistance:** 426.16 Ω
- **Linear Fit R²:** 1.000

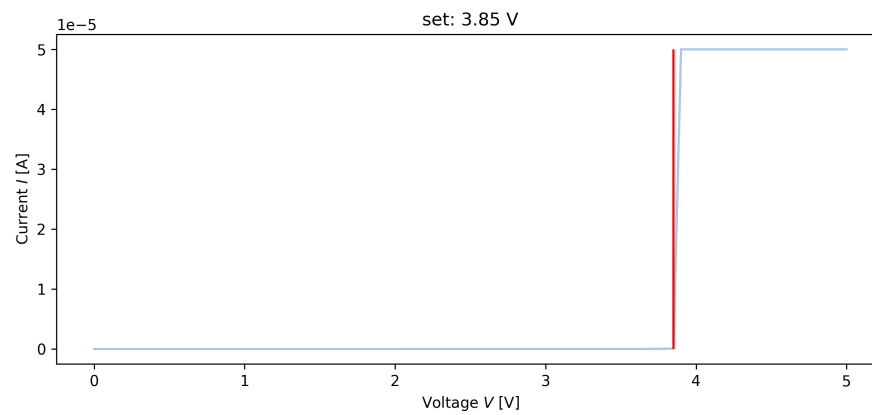
Reset



set

- **Time:** 12:54:47PM
- **Icc:** 50.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 7
- **Set Voltage:** 3.85 V

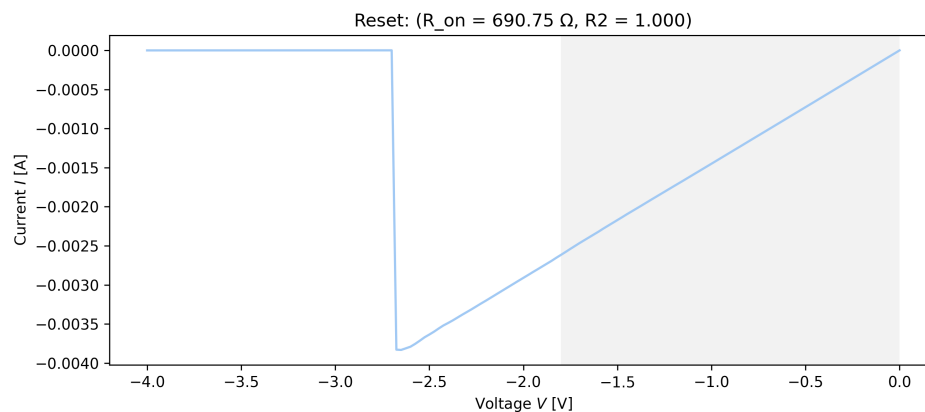
set at 3.85V



reset

- **Time:** 12:55:18PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.685 V/s*
- **Cycle:** 7
- **Resistance:** 690.75 Ω
- **Linear Fit R2:** 1.000

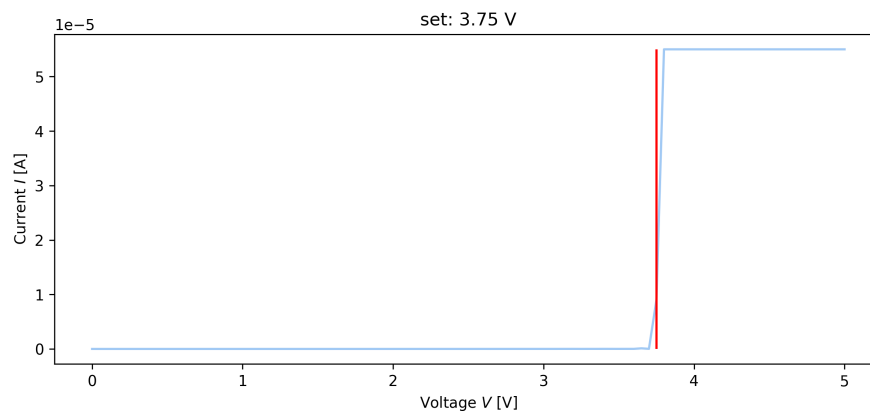
Reset



set

- **Time:** 12:55:55PM
- **Icc:** 55.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 8
- **Set Voltage:** 3.75 V

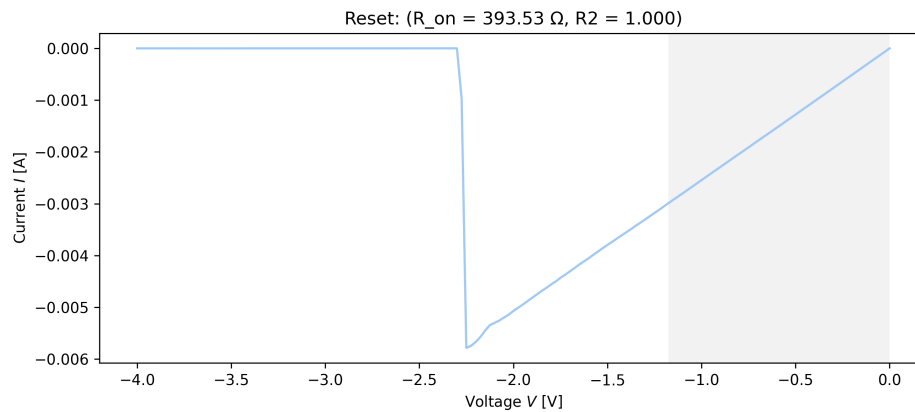
set at 3.8V



reset

- **Time:** 12:56:35PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 8
- **Resistance:** 393.53 Ω
- **Linear Fit R²:** 1.000

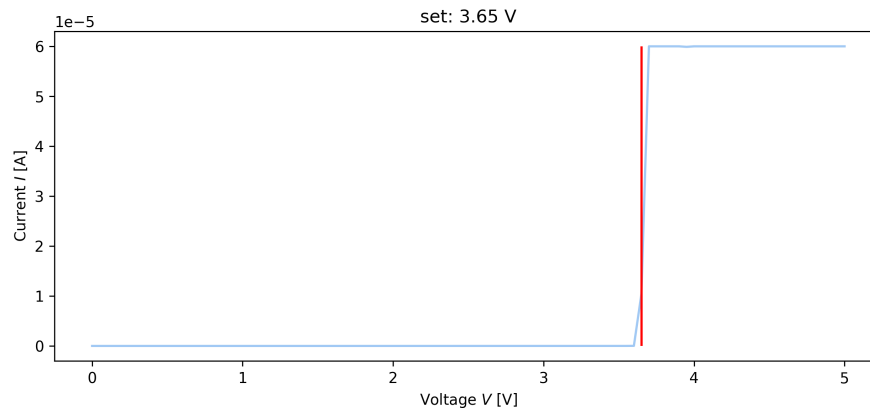
Reset



set

- **Time:** 12:57:23PM
- **I_{cc}:** 60.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 9
- **Set Voltage:** 3.65 V

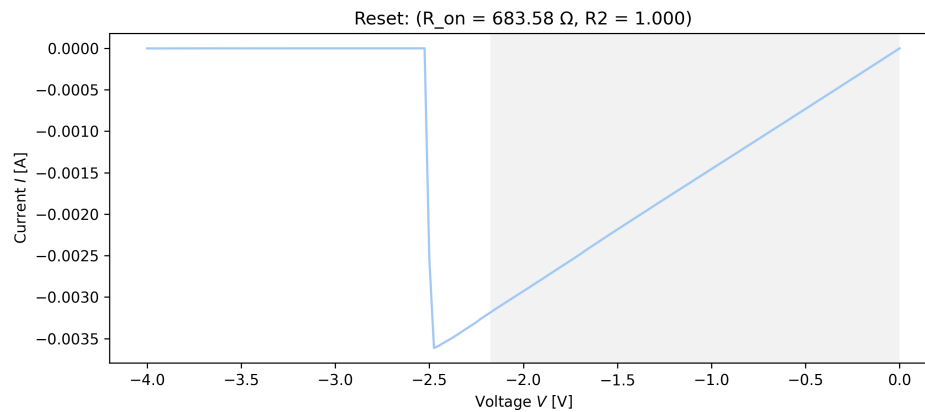
set at 3.7V



reset

- **Time:** 12:57:43PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.693 V/s*
- **Cycle:** 9
- **Resistance:** 683.58 Ω
- **Linear Fit R²:** 1.000

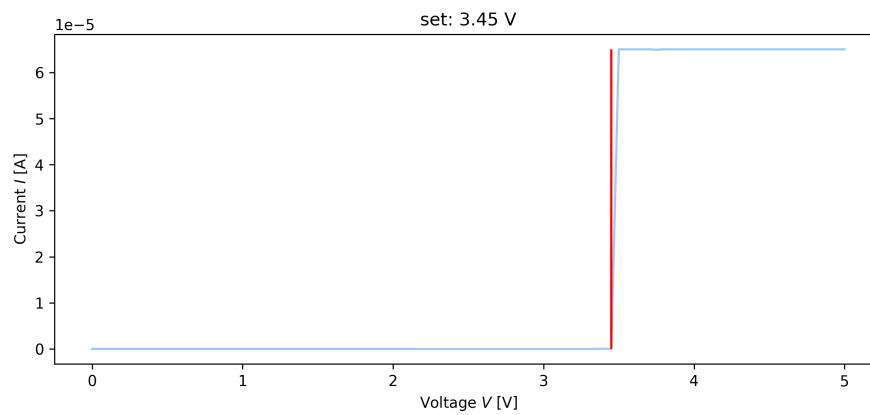
Reset



set

- **Time:** 12:58:53PM
- **I_{cc}:** 65.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 10
- **Set Voltage:** 3.45 V

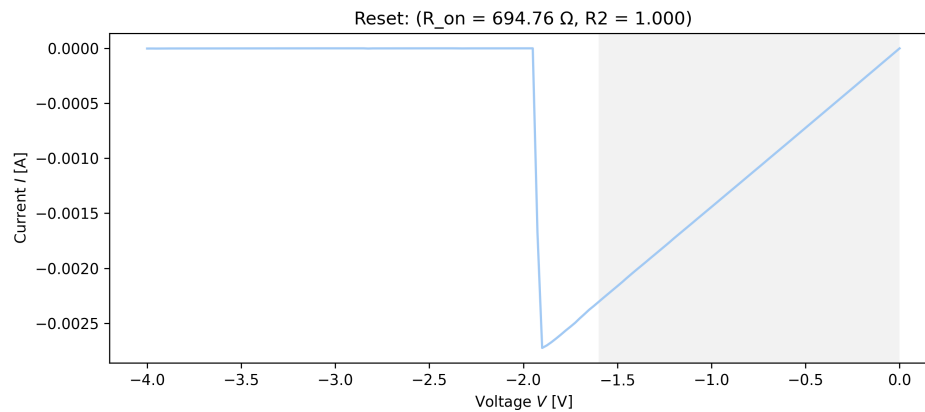
set at 3.5V



reset

- **Time:** 12:59:13PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.685 V/s*
- **Cycle:** 10
- **Resistance:** 694.76 Ω
- **Linear Fit R²:** 1.000

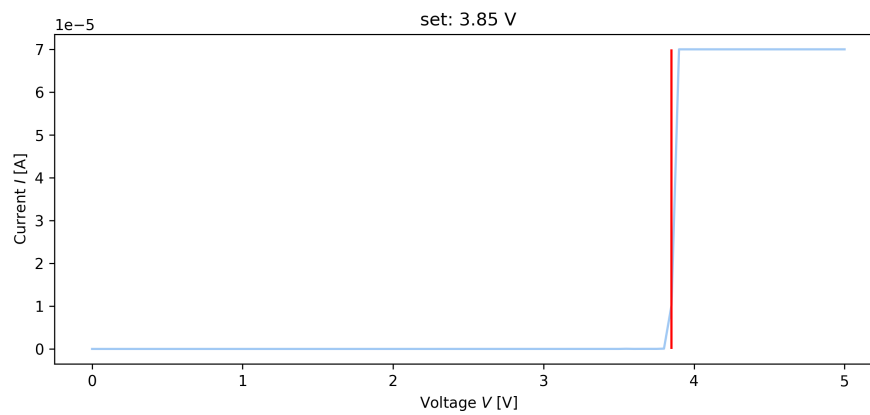
Reset



set

- **Time:** 01:00:09PM
- **Icc:** 70.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 11
- **Set Voltage:** 3.85 V

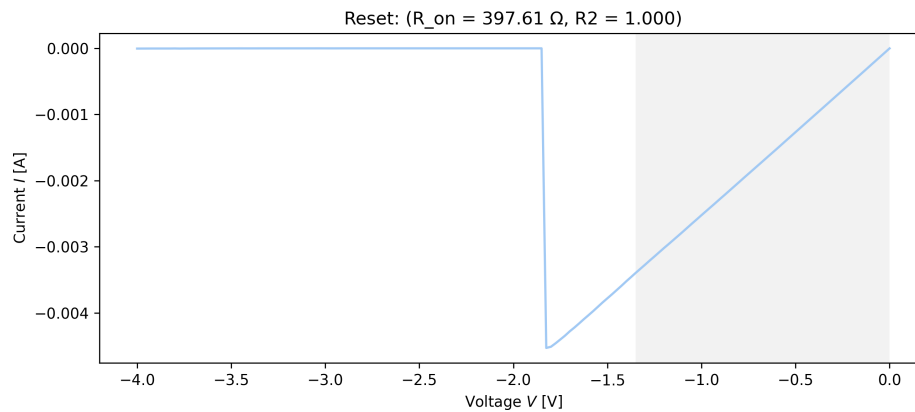
set at 3.9V



reset

- **Time:** 01:00:36PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 11
- **Resistance:** 397.61 Ω
- **Linear Fit R²:** 1.000

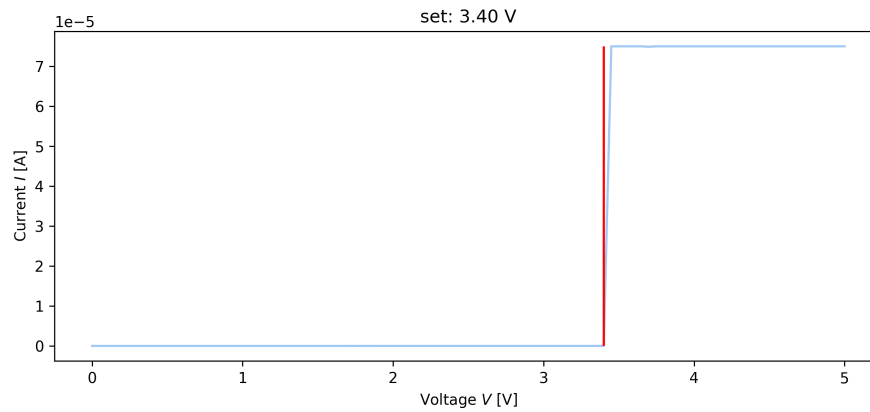
Reset



set

- **Time:** 01:01:21PM
- **Icc:** 75.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 12
- **Set Voltage:** 3.40 V

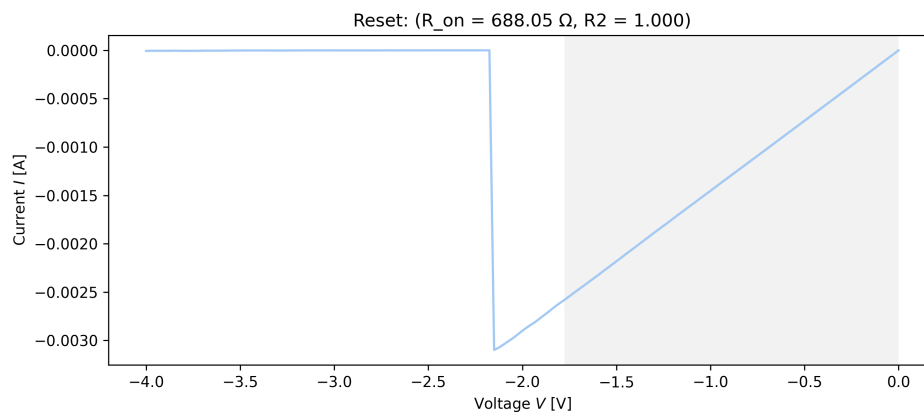
set at 3.45V



reset

- **Time:** 01:01:44PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.694 V/s*
- **Cycle:** 12
- **Resistance:** 688.05 Ω
- **Linear Fit R²:** 1.000

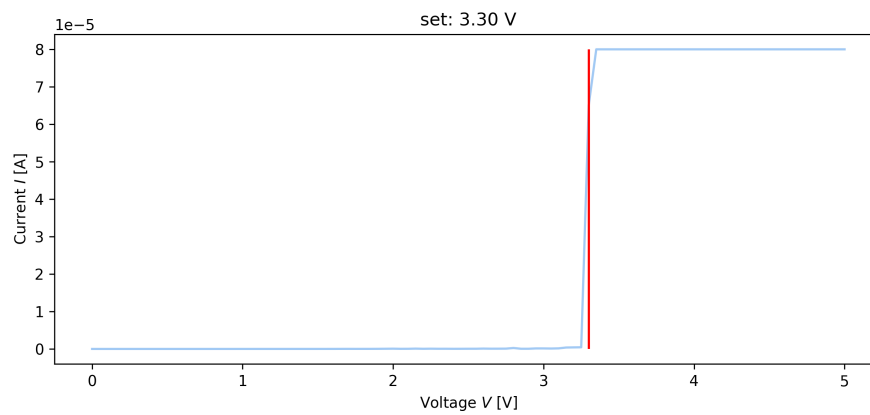
Reset



set

- **Time:** 01:02:21PM
- **Icc:** 80.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 13
- **Set Voltage:** 3.30 V

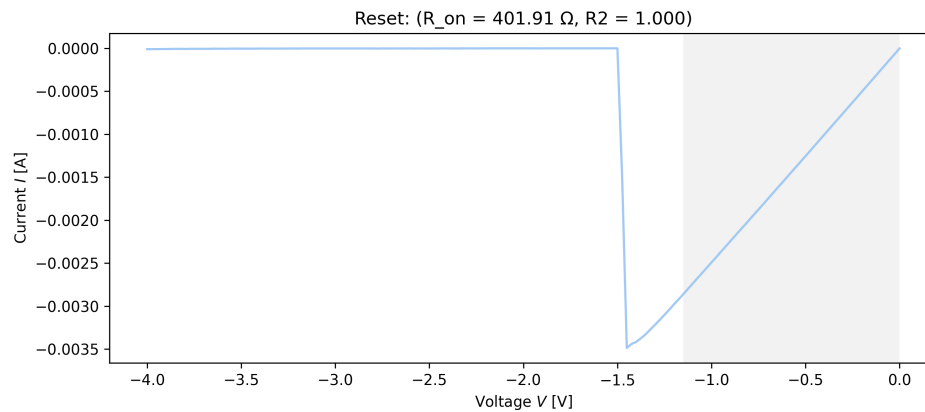
set at 3.35V



reset

- **Time:** 01:02:52PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 13
- **Resistance:** 401.91 Ω
- **Linear Fit R2:** 1.000

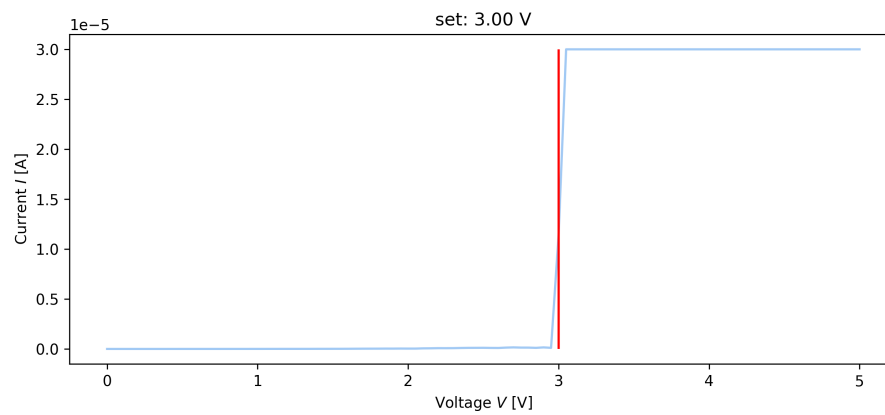
Reset



set

- **Time:** 01:03:30PM
- **Icc:** 30.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 14
- **Set Voltage:** 3.00 V

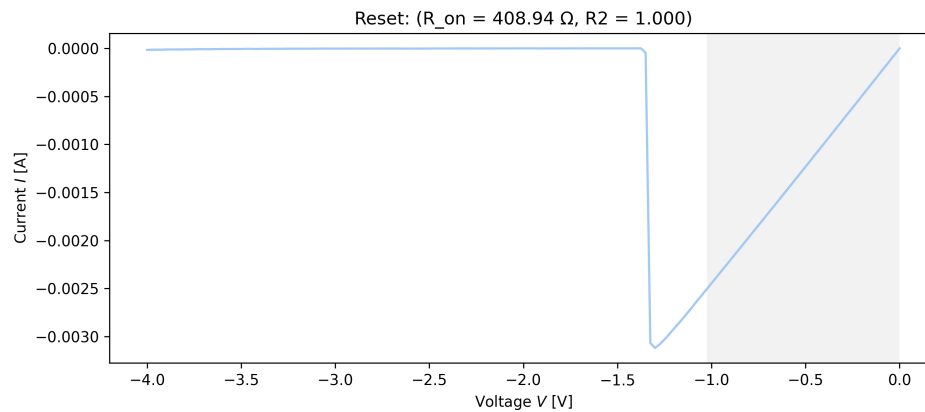
set at 3.05V



reset

- **Time:** 01:03:56PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 14
- **Resistance:** 408.94 Ω
- **Linear Fit R²:** 1.000

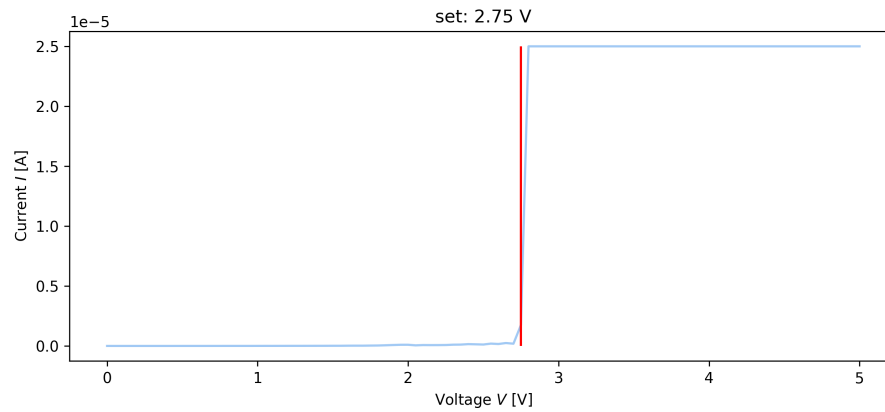
Reset



set

- **Time:** 01:04:36PM
- **Icc:** 25.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 15
- **Set Voltage:** 2.75 V

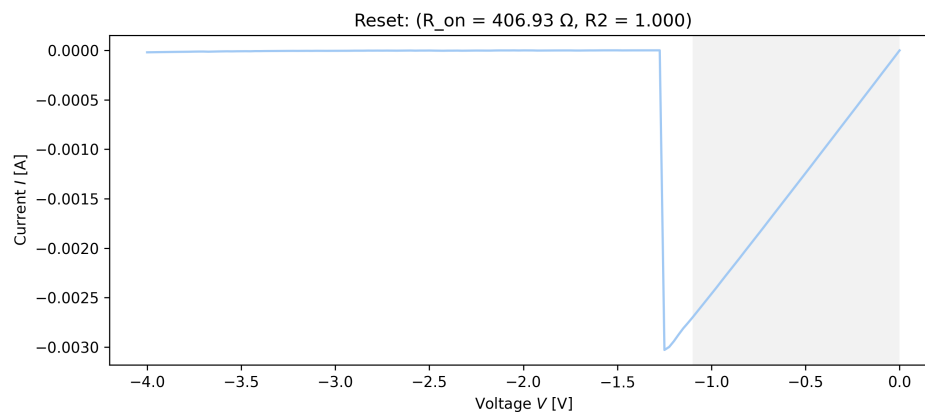
set at 2.8V



reset

- **Time:** 01:04:59PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 15
- **Resistance:** 406.93 Ω
- **Linear Fit R2:** 1.000

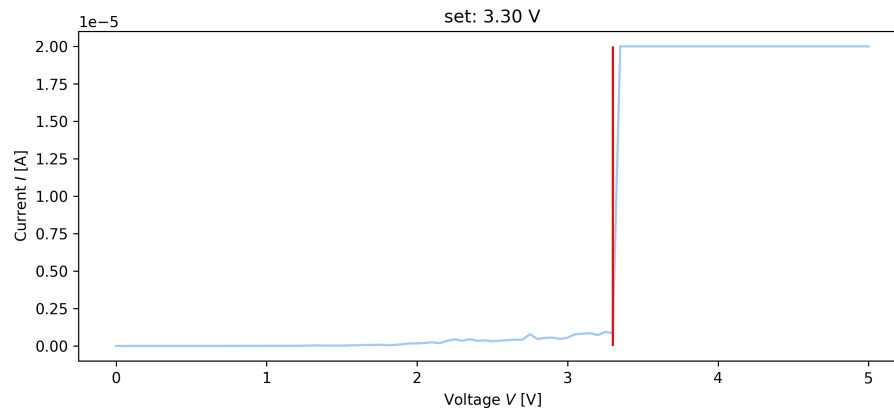
Reset



set

- **Time:** 01:06:37PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 16
- **Set Voltage:** 3.30 V

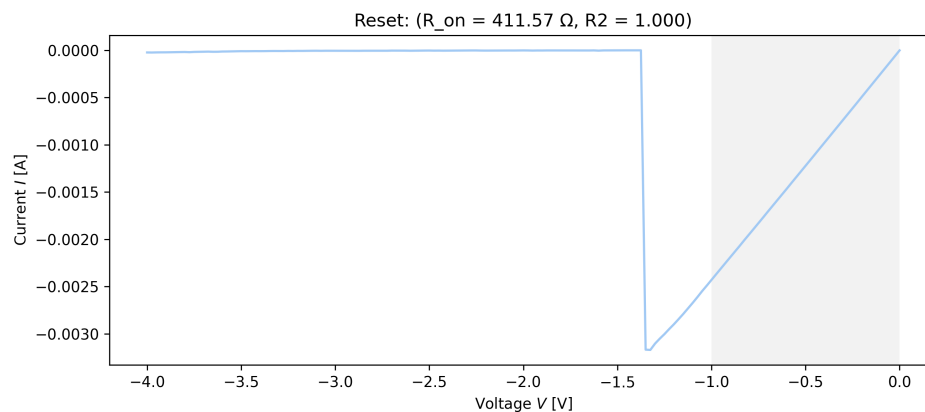
set at 3.35V



reset

- **Time:** 01:06:58PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.776 V/s*
- **Cycle:** 16
- **Resistance:** 411.57 Ω
- **Linear Fit R2:** 1.000

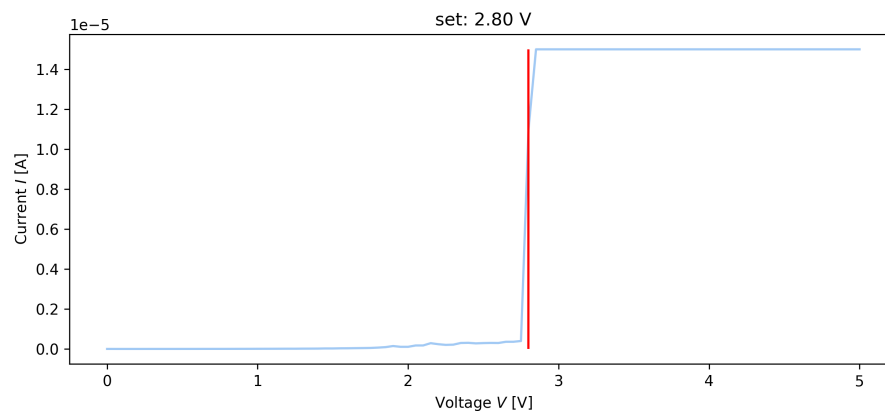
Reset



set

- **Time:** 01:07:43PM
- **Icc:** 15.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 17
- **Set Voltage:** 2.80 V

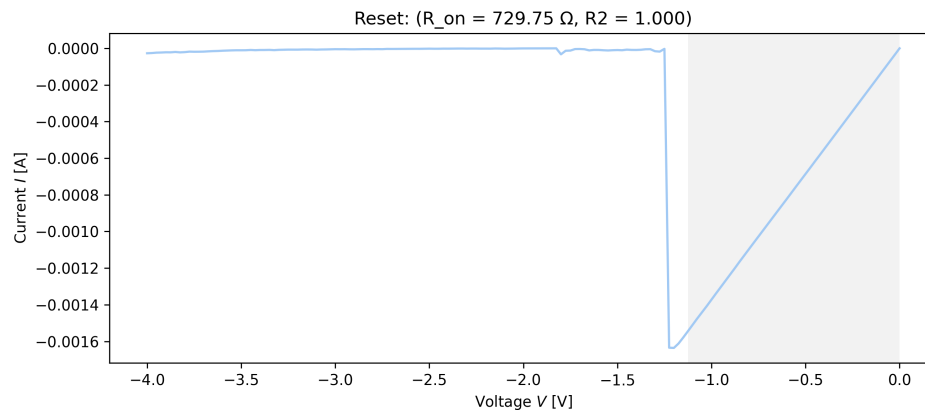
set at 2.85V



reset

- **Time:** 01:08:11PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.676 V/s*
- **Cycle:** 17
- **Resistance:** 729.75 Ω
- **Linear Fit R2:** 1.000

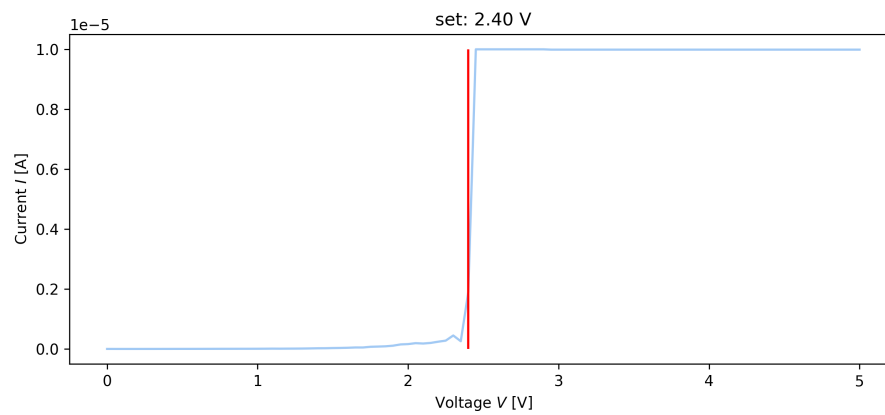
Reset



set

- **Time:** 01:08:59PM
- **Icc:** 10.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 18
- **Set Voltage:** 2.40 V

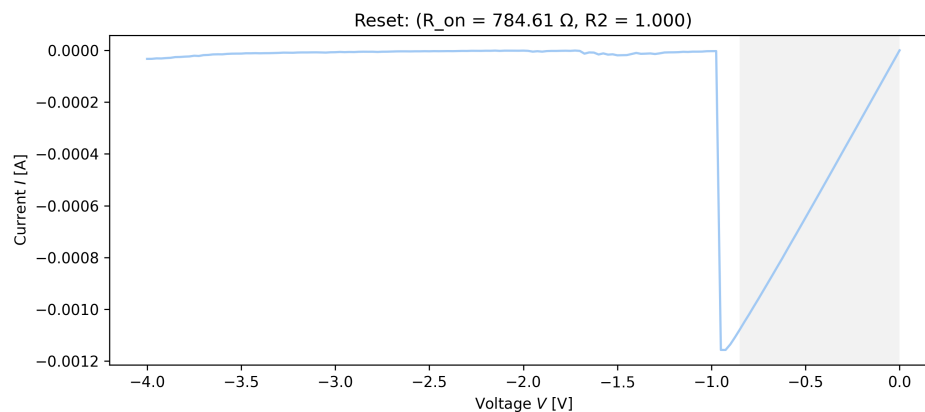
set at 2.45V



reset

- **Time:** 01:09:25PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.658 V/s*
- **Cycle:** 18
- **Resistance:** 784.61 Ω
- **Linear Fit R2:** 1.000

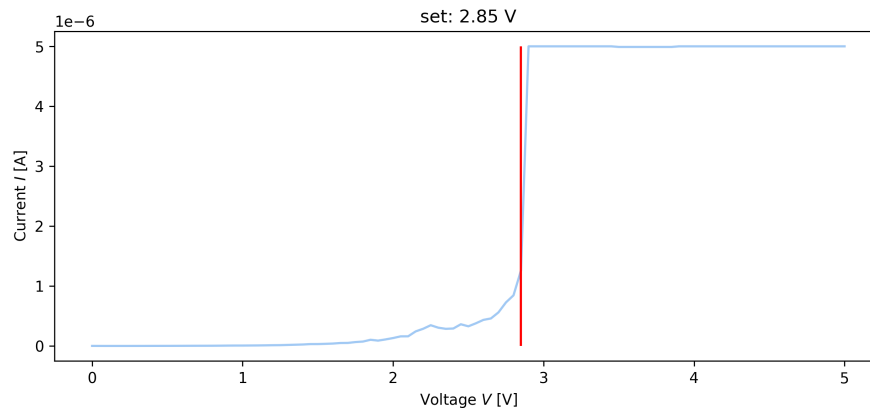
Reset



set

- **Time:** 01:10:09PM
- **I_{cc}:** 5.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 19
- **Set Voltage:** 2.85 V

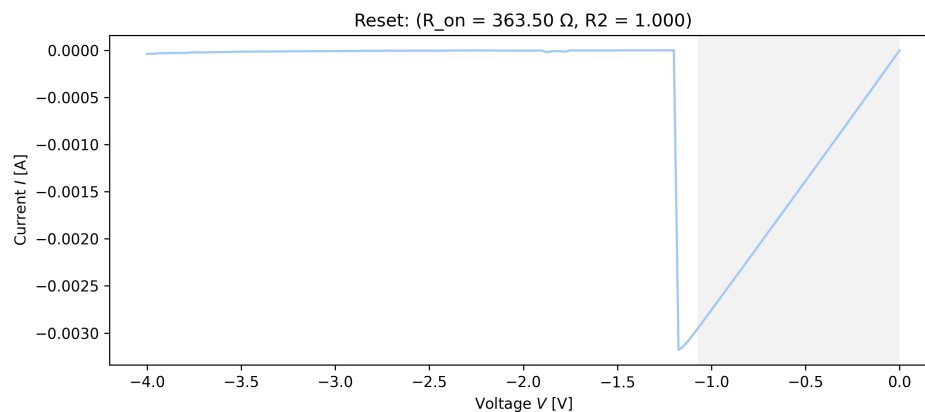
set at 2.9V



reset

- **Time:** 01:10:37PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.800 V/s*
- **Cycle:** 19
- **Resistance:** 363.50 Ω
- **Linear Fit R²:** 1.000

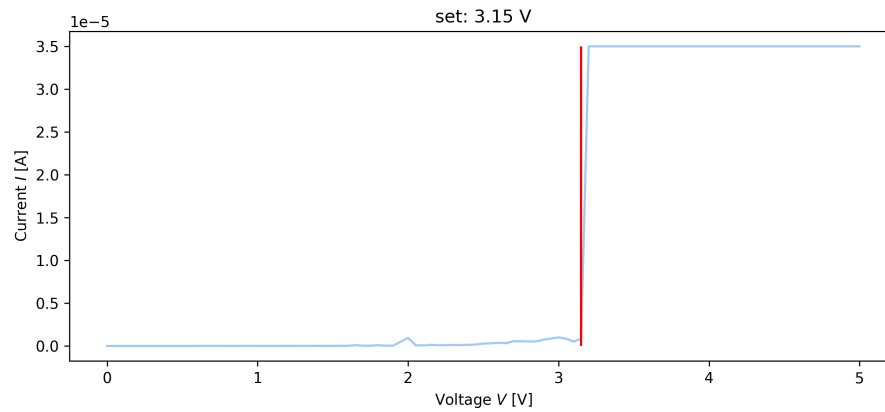
Reset



set

- **Time:** 01:12:16PM
- **Icc:** 35.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 20
- **Set Voltage:** 3.15 V

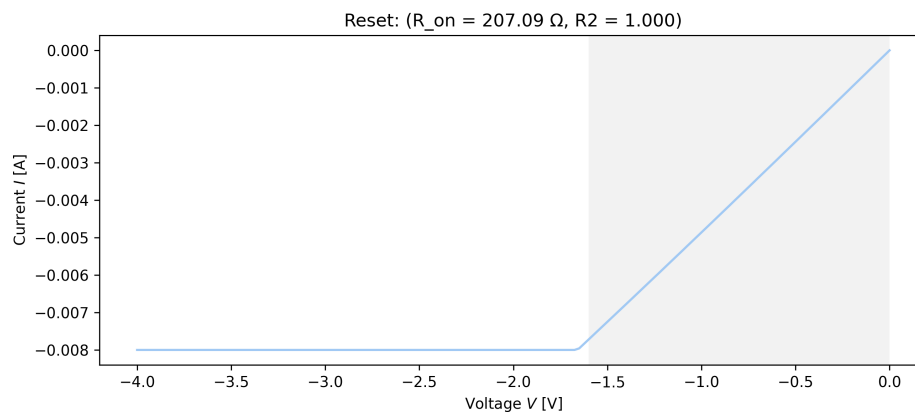
set at 3.2V



reset

- **Time:** 02:06:02PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.839 V/s*
- **Cycle:** 20
- **Resistance:** 207.09 Ω
- **Linear Fit R2:** 1.000

No set, Ohmic slope



reset

- **Time:** 02:06:25PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.839 V/s*
- **Cycle:** 21
- **Resistance:** 208.09 Ω
- **Linear Fit R2:** 1.000

GND probe, won't reset

