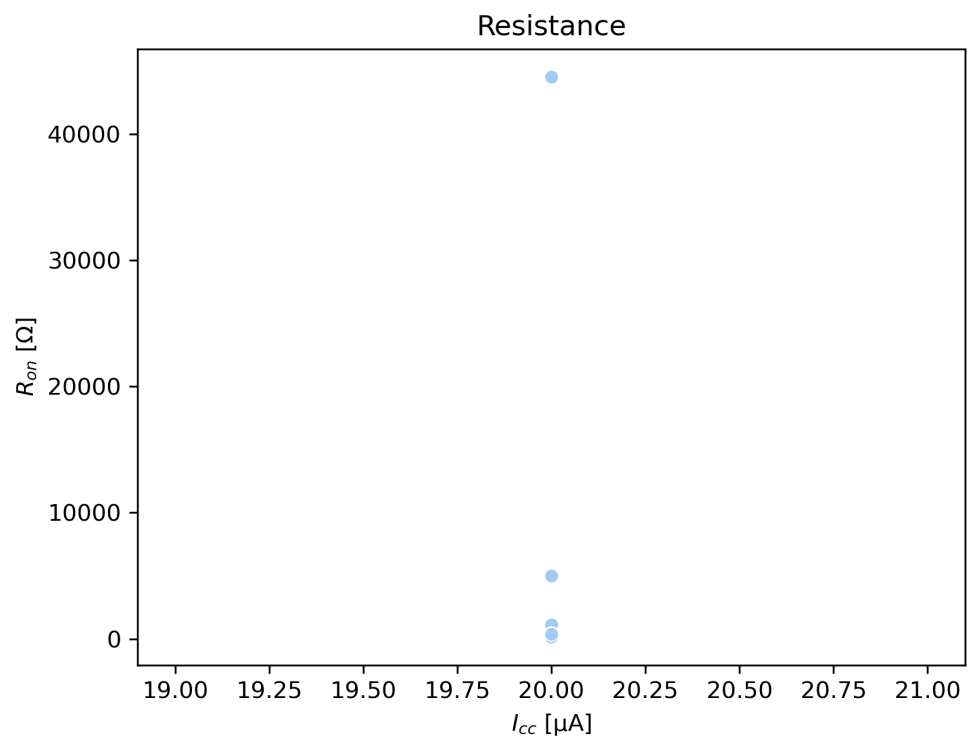


(wafer2,0,1,-1,-1,2,2) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 22
- **Last Measurement:** 2022/March/17 at 04:12:31PM

Summary

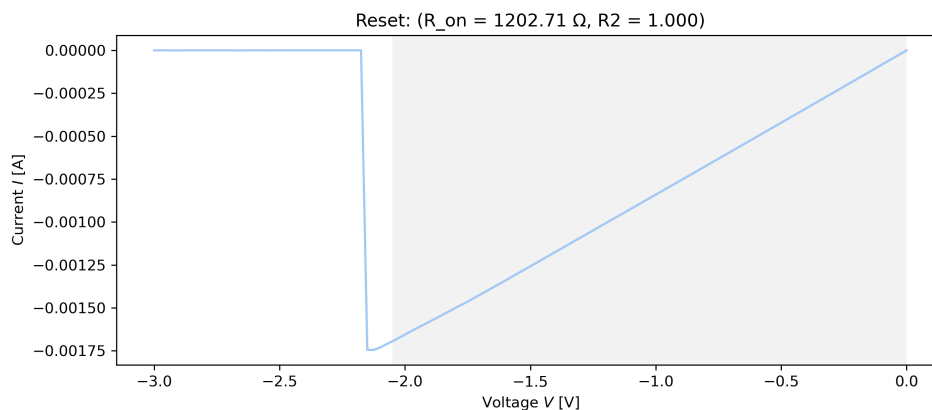
| Cycle # | Set Icc (μ A) | Set Voltage (V) | R_on (Ω) | R2 |
|---------|--------------------|-----------------|-------------------|-------|
| 1 | 20.0 | 3.05 | 1202.71 | 1.000 |
| 2 | 20.0 | 3.05 | 1088.54 | 1.000 |
| 3 | 20.0 | 3.05 | 1131.25 | 1.000 |
| 4 | 20.0 | 2.10 | 7306435.45 | 0.406 |
| 5 | 20.0 | 2.30 | 152.03 | 1.000 |
| 6 | 20.0 | 4.45 | 5023.62 | 0.999 |
| 7 | 20.0 | 2.25 | 44524.06 | 0.986 |
| 8 | 20.0 | 3.05 | 423.38 | 1.000 |
| 9 | 20.0 | 3.05 | 417.05 | 1.000 |
| 10 | 20.0 | 3.05 | 419.77 | 1.000 |
| 11 | 20.0 | 3.05 | 408.77 | 1.000 |
| 12 | 20.0 | 3.05 | 406.25 | 1.000 |
| 13 | 20.0 | 3.05 | 389.07 | 1.000 |



reset

- **Time:** 03:30:18PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.566 V/s*
- **Cycle:** 1
- **Resistance:** 1202.71 Ω
- **Linear Fit R²:** 1.000

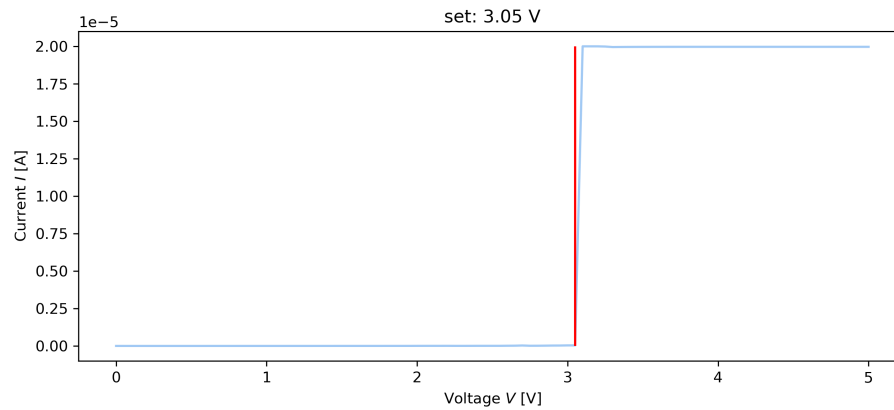
Successfully reset



set

- **Time:** 03:31:47PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Set Voltage:** 3.05 V

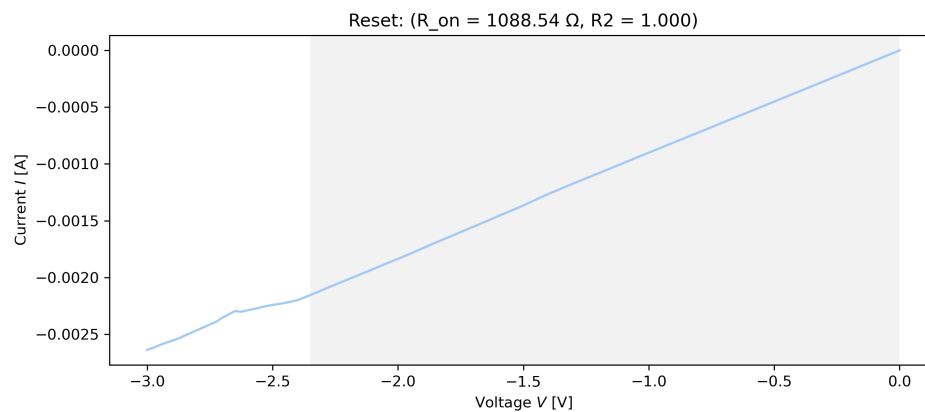
Set at 3.1 V



reset

- **Time:** 03:32:23PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.585 V/s*
- **Cycle:** 2
- **Resistance:** 1088.54 Ω
- **Linear Fit R²:** 1.000

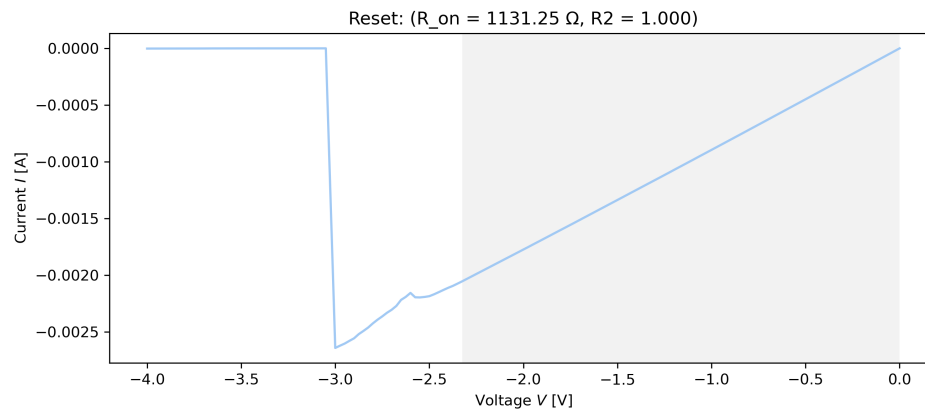
Did not reset



reset

- **Time:** 03:32:57PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.585 V/s*
- **Cycle:** 3
- **Resistance:** 1131.25 Ω
- **Linear Fit R²:** 1.000

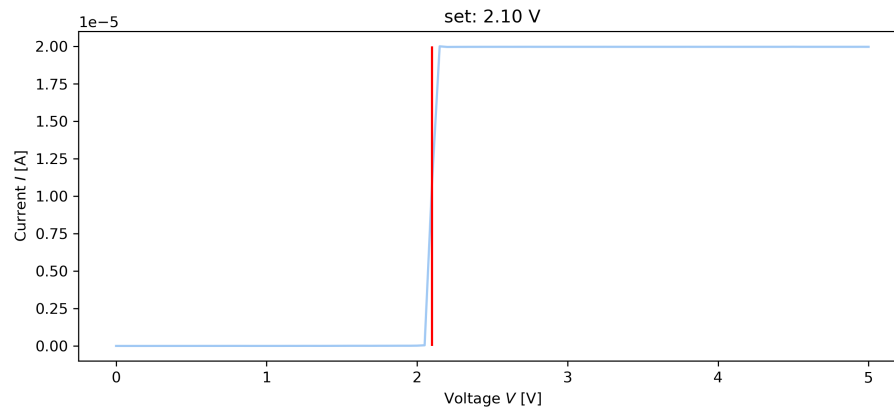
Reset successfully



set

- **Time:** 03:34:02PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 4
- **Set Voltage:** 2.10 V

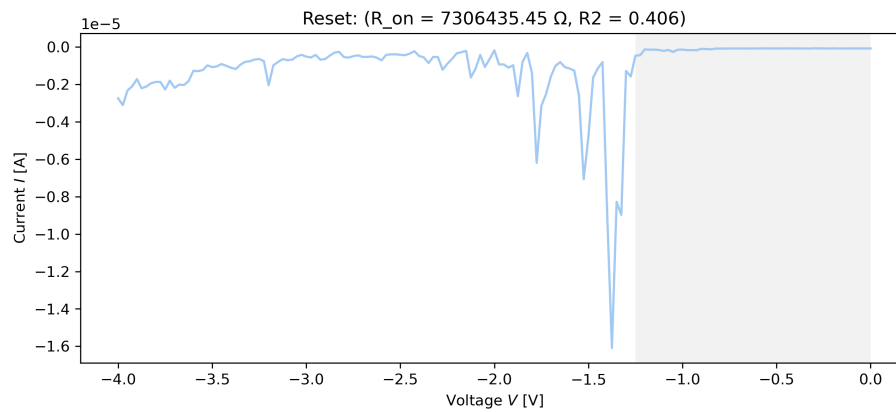
Set at 2.15 V



reset

- **Time:** 03:34:55PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.548 V/s*
- **Cycle:** 4
- **Resistance:** 7306435.45 Ω
- **Linear Fit R2:** 0.406

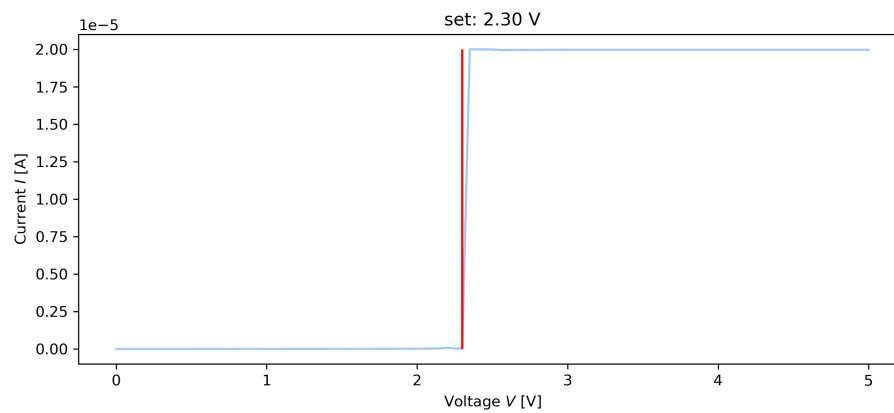
Unknown



set

- **Time:** 03:35:59PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 5
- **Set Voltage:** 2.30 V

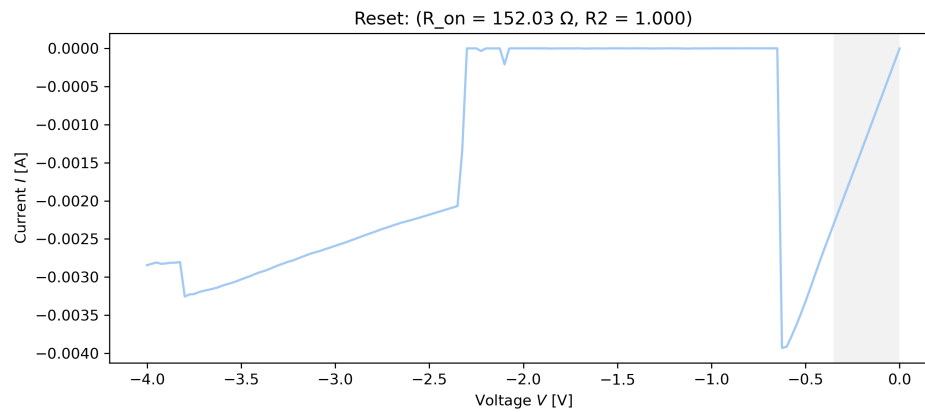
Set at 2.35 V



reset

- **Time:** 03:38:49PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.715 V/s*
- **Cycle:** 5
- **Resistance:** 152.03 Ω
- **Linear Fit R²:** 1.000

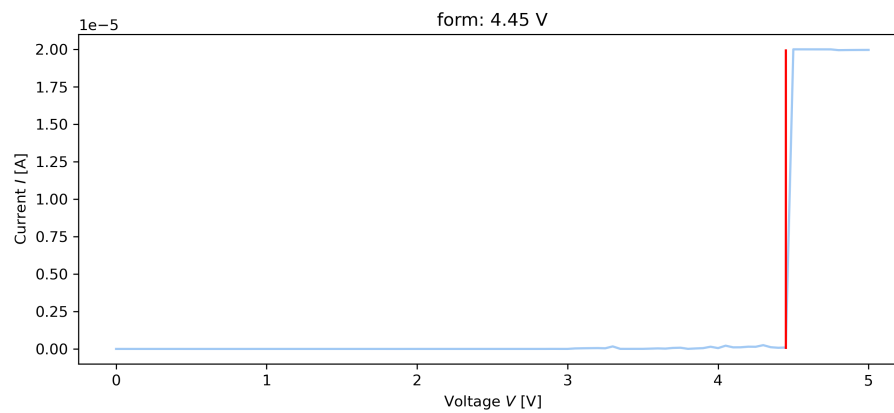
Vacancies and stuff



form

- **Time:** 04:03:42PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 6
- **Set Voltage:** 4.45 V

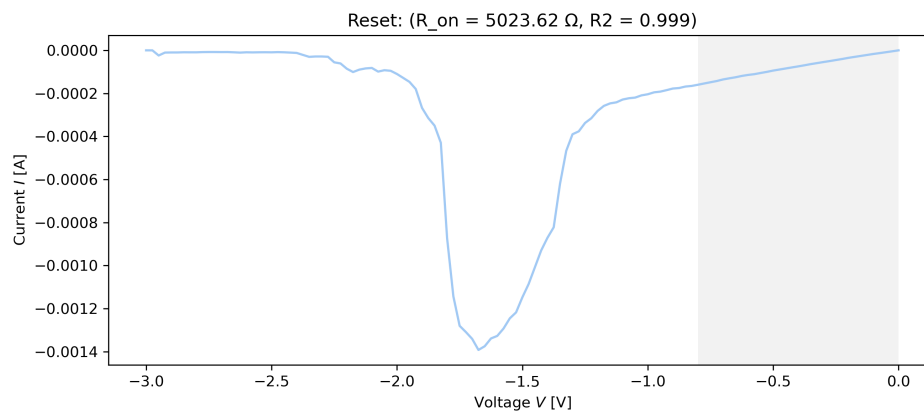
Formed at 4.5 V



reset

- **Time:** 04:04:22PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.555 V/s*
- **Cycle:** 6
- **Resistance:** 5023.62 Ω
- **Linear Fit R²:** 0.999

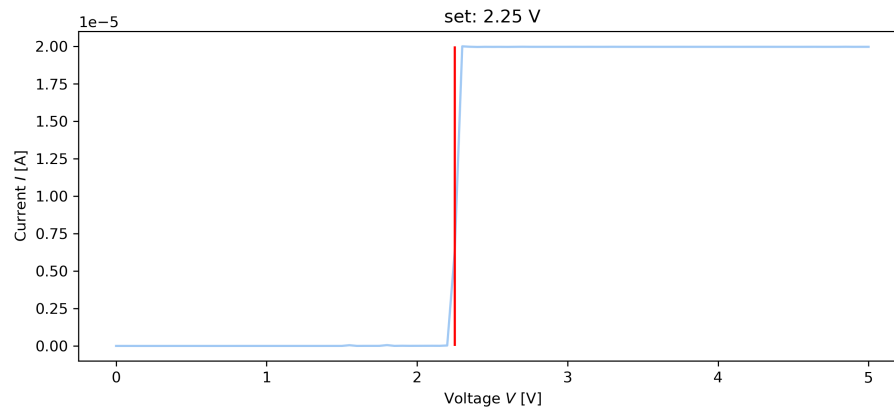
Reset



set

- **Time:** 04:05:28PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 7
- **Set Voltage:** 2.25 V

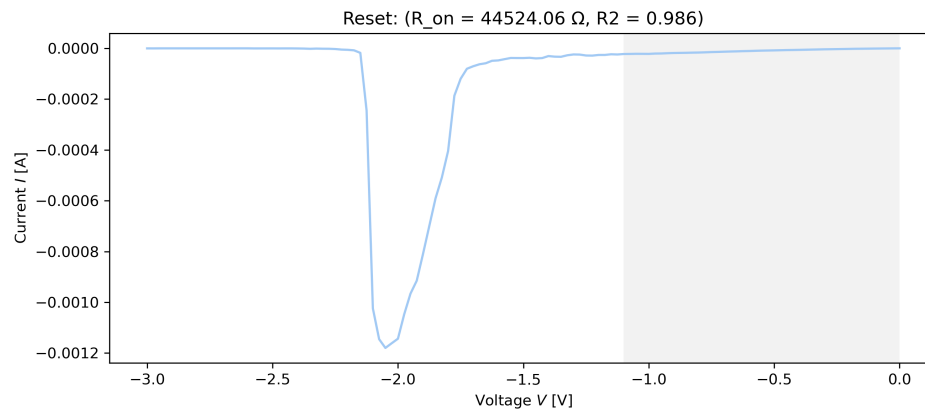
Set at 2.3 V



reset

- **Time:** 04:06:03PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V \rightarrow -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.548 V/s*
- **Cycle:** 7
- **Resistance:** 44524.06 Ω
- **Linear Fit R2:** 0.986

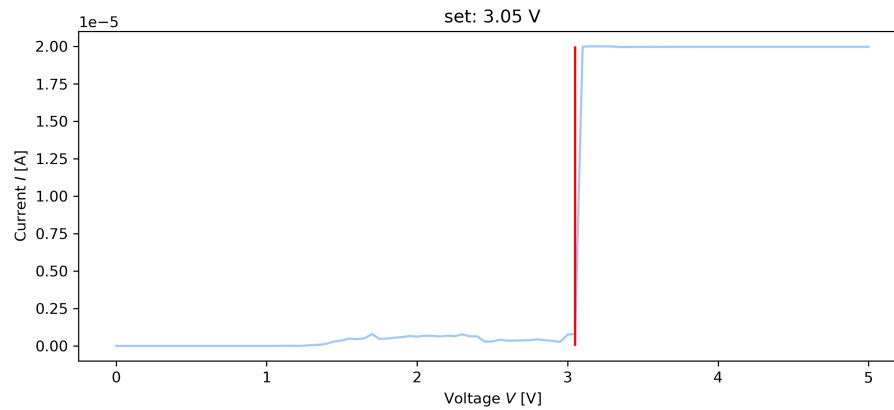
Reset again



set

- **Time:** 04:07:06PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V \rightarrow 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 8
- **Set Voltage:** 3.05 V

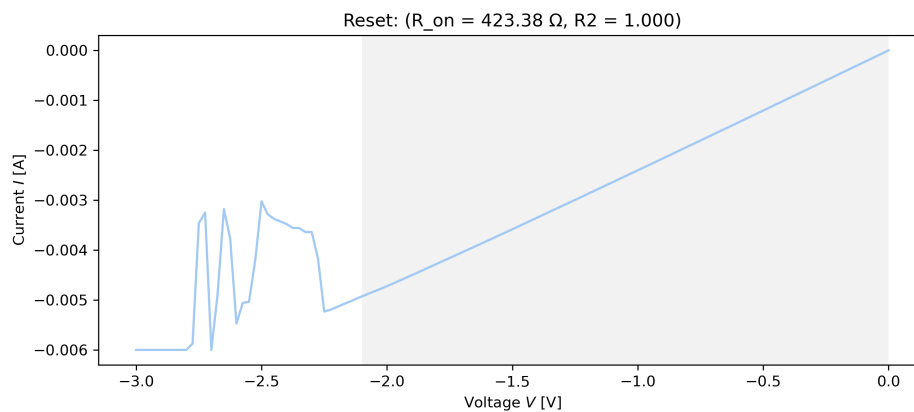
Set at 3.1 V



reset

- **Time:** 04:08:07PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.776 V/s*
- **Cycle:** 8
- **Resistance:** 423.38 Ω
- **Linear Fit R²:** 1.000

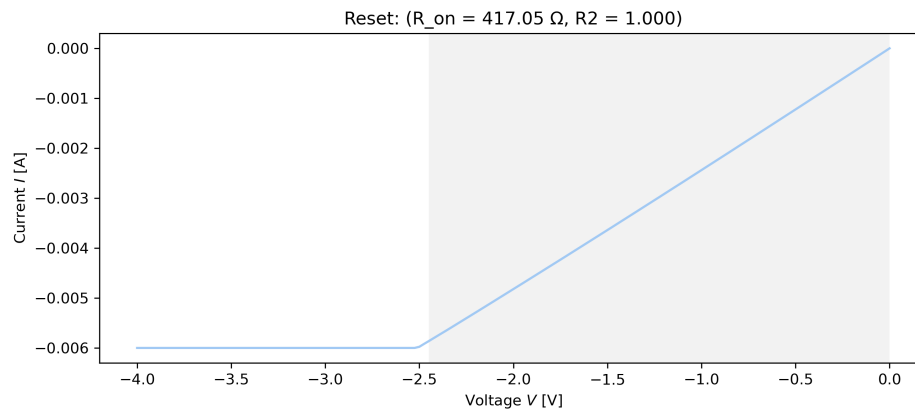
No reset



reset

- **Time:** 04:08:39PM
- **I_{cc}:** 6.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.776 V/s*
- **Cycle:** 9
- **Resistance:** 417.05 Ω
- **Linear Fit R²:** 1.000

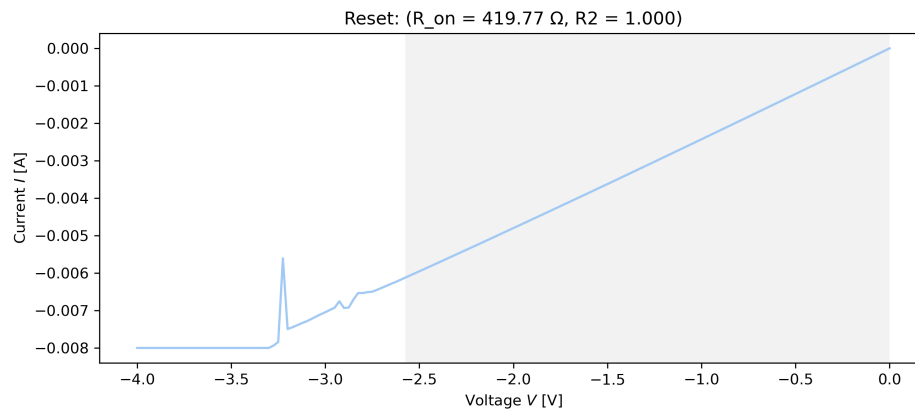
No reset



reset

- **Time:** 04:09:20PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V \rightarrow -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.776 V/s*
- **Cycle:** 10
- **Resistance:** 419.77 Ω
- **Linear Fit R2:** 1.000

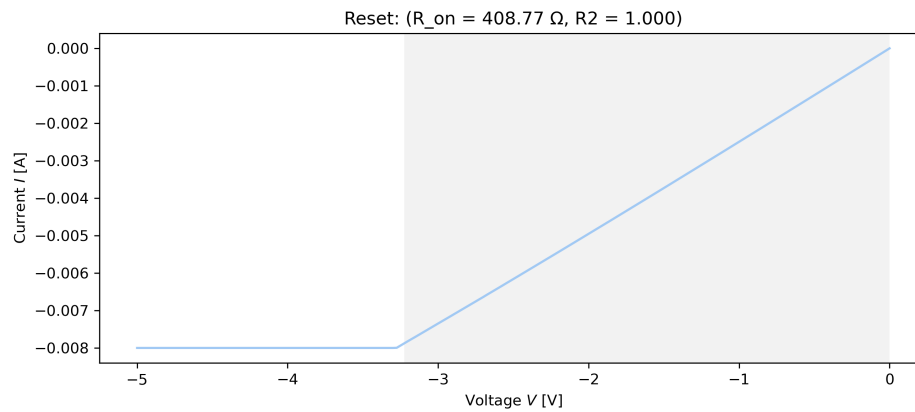
No reset



reset

- **Time:** 04:10:02PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 11
- **Resistance:** 408.77 Ω
- **Linear Fit R²:** 1.000

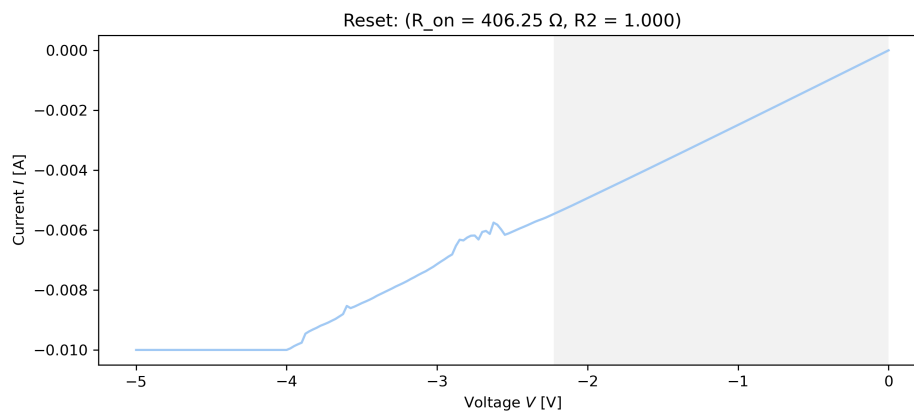
No reset



reset

- **Time:** 04:10:36PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V \rightarrow -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 12
- **Resistance:** 406.25 Ω
- **Linear Fit R2:** 1.000

No reset



reset

- **Time:** 04:12:31PM
- **I_{cc}:** 8.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.788 V/s*
- **Cycle:** 13
- **Resistance:** 389.07 Ω
- **Linear Fit R²:** 1.000

Amrita adjusted the probes. No reset

