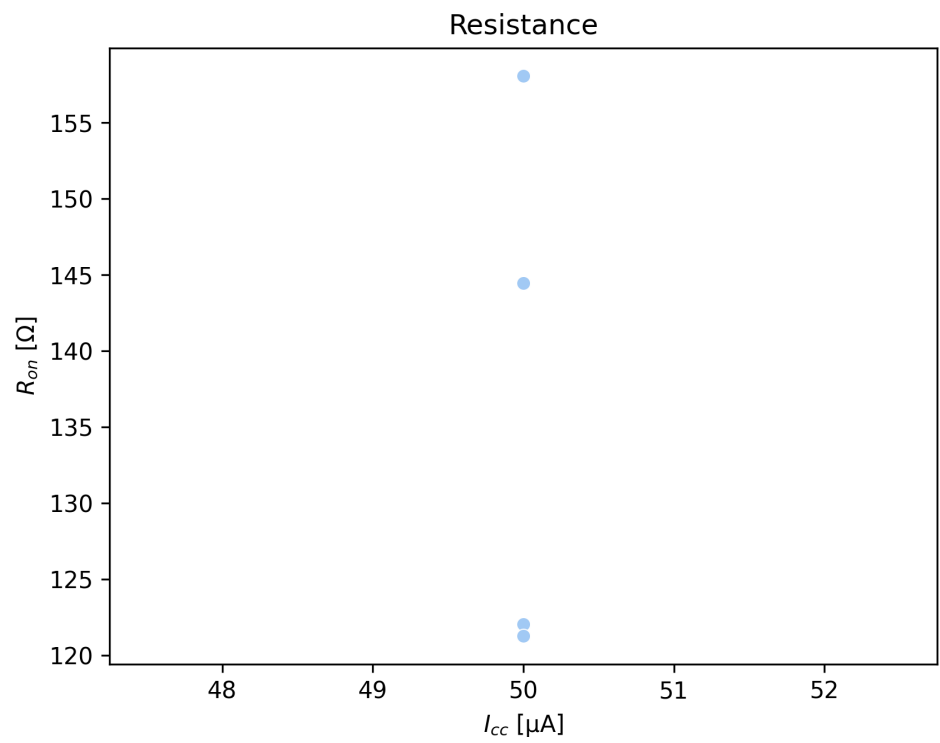


# (wafer1,0,0,-1,-1,0,0) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 11
- **Last Measurement:** 2022/February/21 at 02:19PM

## Summary

Cycle #	Set Icc (μA)	Set Voltage (V)	R_on (Ω)	R2
1	50.0	3.85	122.06	1.000
2	50.0	3.85	121.28	1.000
3	50.0	4.30	158.06	1.000
4	50.0	4.65	144.47	1.000

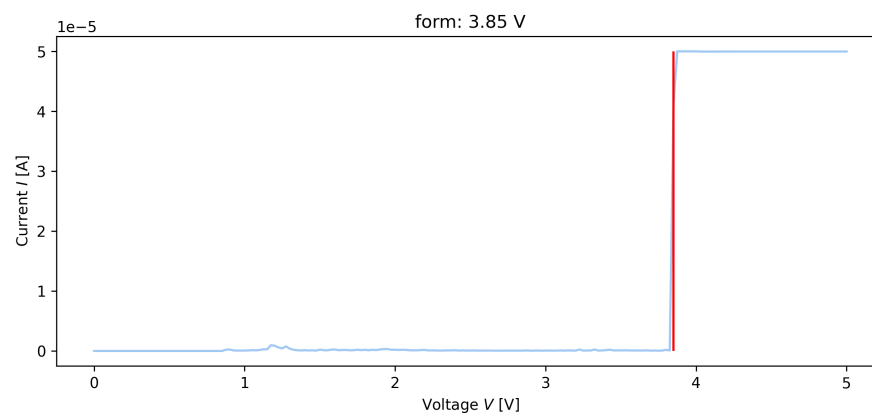


## form

---

- **Time:** 01:33PM
- **Icc:** 50.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** 0.548 V/s\*
- **Cycle:** 1
- **Set Voltage:** 3.85 V

Successful form at 3.85V

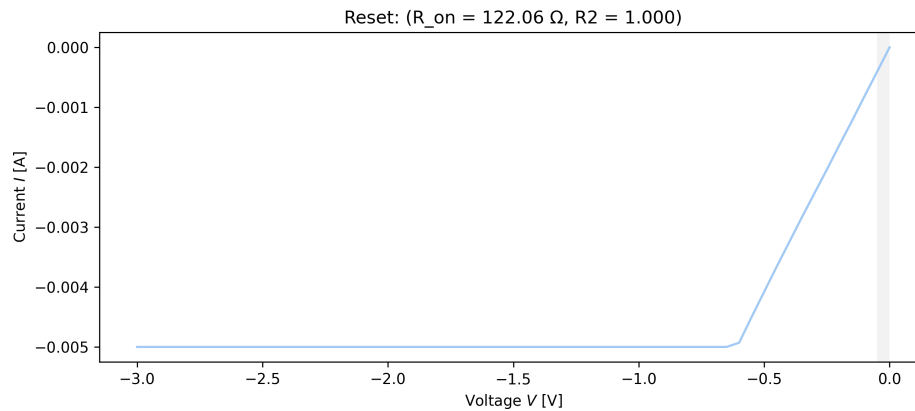


## reset

---

- **Time:** 01:41PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V  $\rightarrow$  -5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** -1.776 V/s\*
- **Cycle:** 1
- **Resistance:** 122.06  $\Omega$
- **Linear Fit R2:** 1.000

Failed reset. Time axis was missing, so partially copied the time axis from  
'(device,0,0,-1,-1,0,0)\_2202211343\_reset\_0\_-5\_0.5\_8mA.csv'.

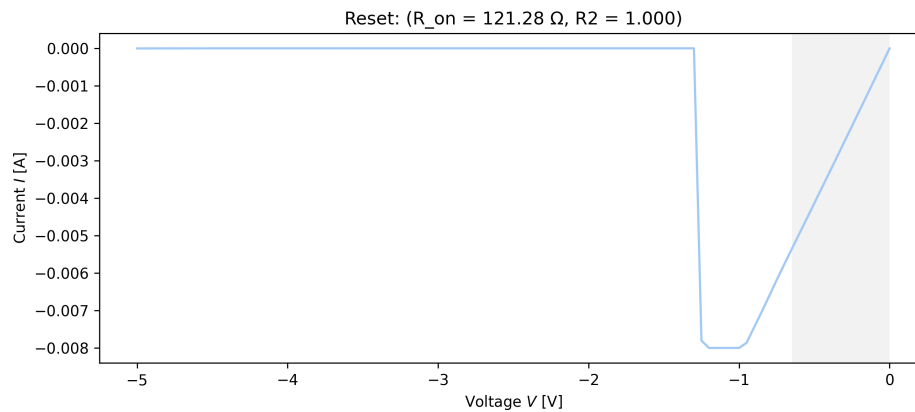


## reset

---

- **Time:** 01:43PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** -1.777 V/s\*
- **Cycle:** 2
- **Resistance:** 121.28 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

Successful reset at -1.3V

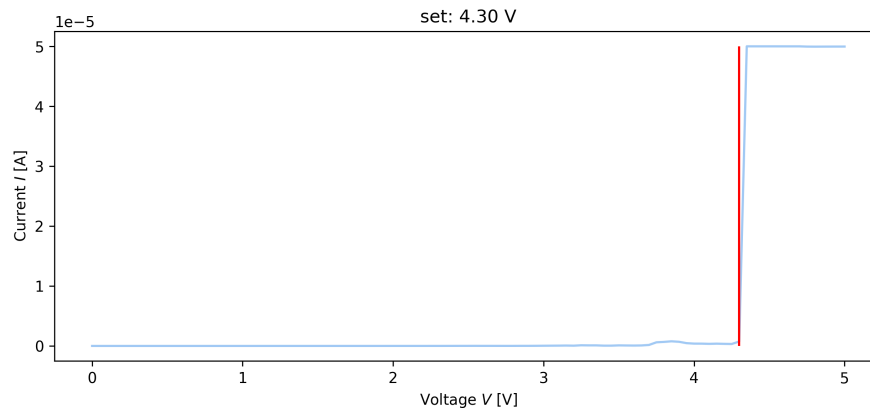


## set

---

- **Time:** 01:47PM
- **I<sub>cc</sub>:** 50.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 3
- **Set Voltage:** 4.30 V

Successful set at 4.35V

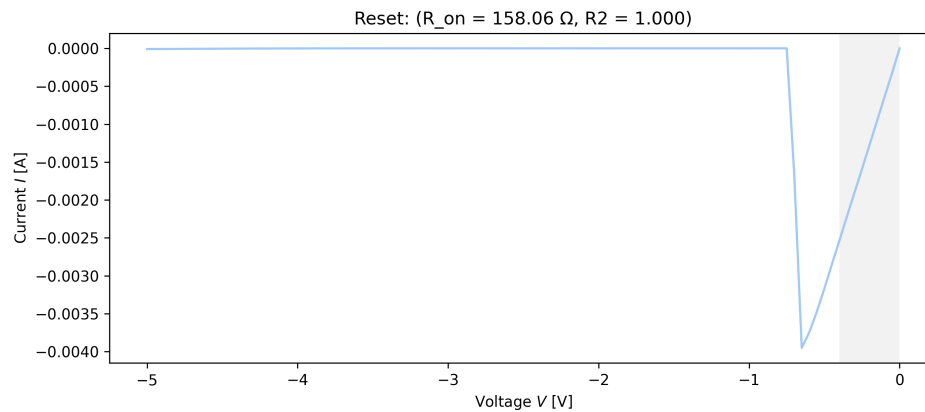


## reset

---

- **Time:** 02:09PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** -1.457 V/s\*
- **Cycle:** 3
- **Resistance:** 158.06 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

Successful reset at -0.75V

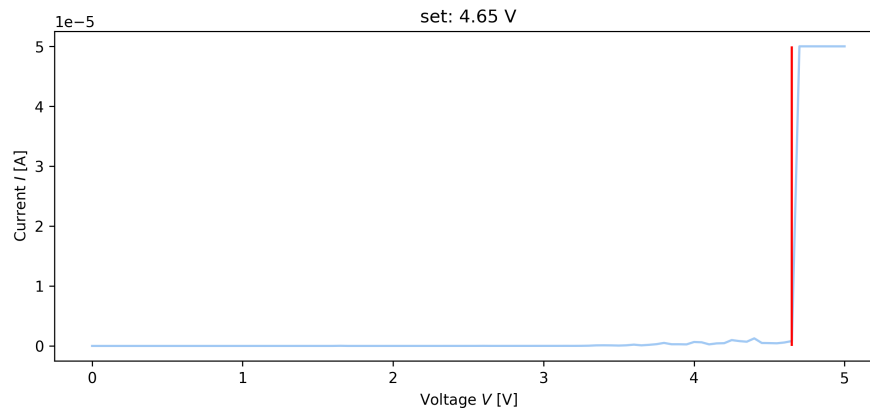


## set

---

- **Time:** 02:10PM
- **Icc:** 50.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 4
- **Set Voltage:** 4.65 V

Successful set at 4.7V.



## reset

---

- **Time:** 02:14PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** -1.070 V/s\*
- **Cycle:** 4
- **Resistance:** 144.47 Ω
- **Linear Fit R2:** 1.000

Failed reset. Missing time axis so copied the time axis from '(device,0,0,-1,-1,0,0)\_2202211410\_set\_0\_5\_0.5\_50uA.csv'

