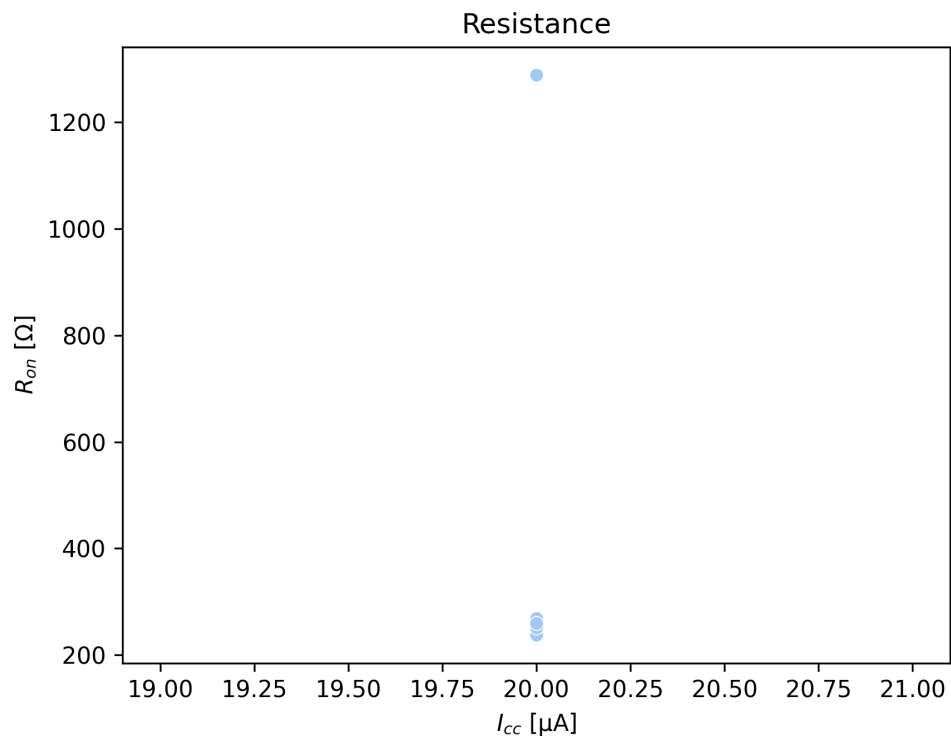


# (wafer2,0,0,-1,-1,0,1) Characteristics

- **Cell Size:** 10um
- **Times Accessed:** 10
- **Last Measurement:** 2022/March/11 at 05:20PM

## Summary

Cycle #	Set Icc (μA)	Set Voltage (V)	R_on (Ω)	R2
1	20.0	4.20	237.54	1.000
2	20.0	2.40	251.27	1.000
3	20.0	2.00	1288.51	1.000
4	20.0	2.00	269.04	1.000
5	20.0	3.25	259.78	1.000

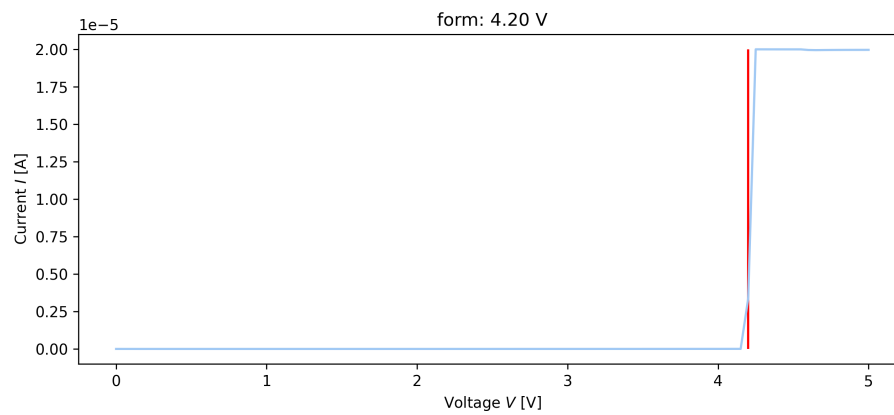


## form

---

- **Time:** 05:10PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 1
- **Set Voltage:** 4.20 V

Formed at 4.25V

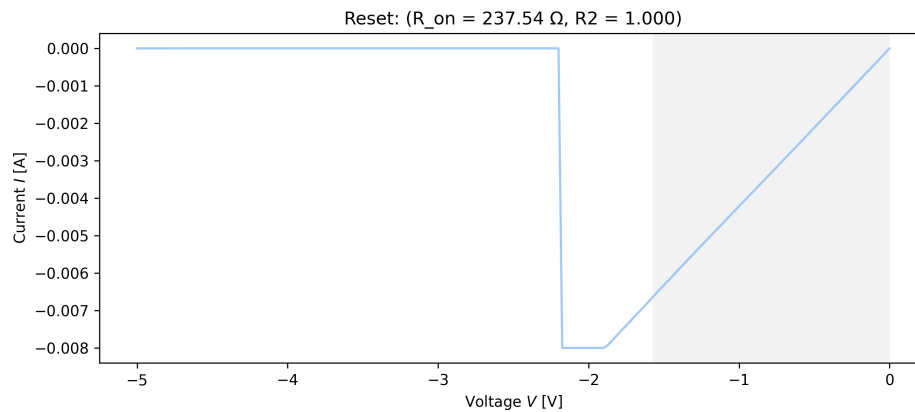


## reset

---

- **Time:** 05:12PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.853 V/s\*
- **Cycle:** 1
- **Resistance:** 237.54 Ω
- **Linear Fit R2:** 1.000

Reset at -2.2V

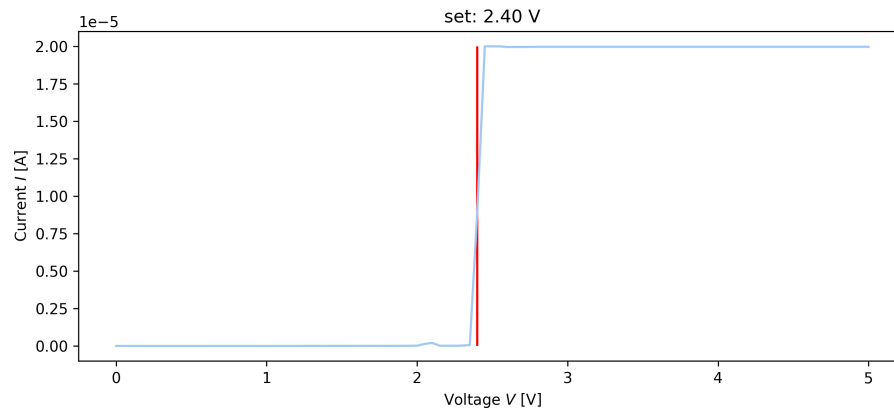


## set

---

- **Time:** 05:13PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 2
- **Set Voltage:** 2.40 V

Set at 2.45V

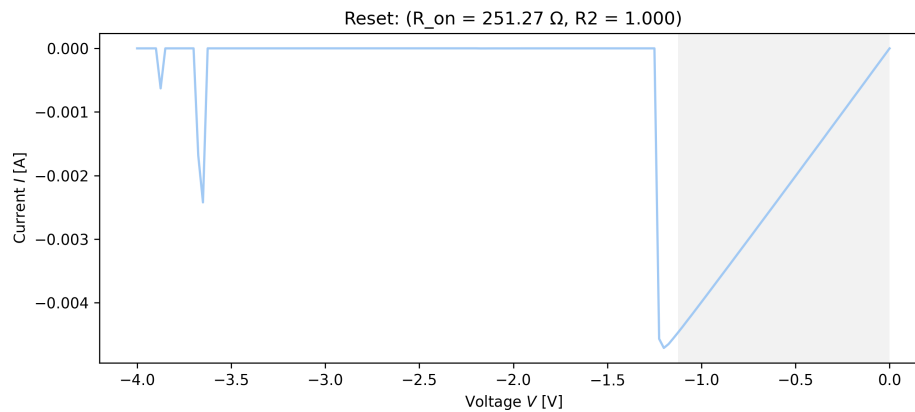


## reset

---

- **Time:** 05:14PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V  $\rightarrow$  -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.853 V/s\*
- **Cycle:** 2
- **Resistance:** 251.27  $\Omega$
- **Linear Fit R2:** 1.000

Reset at -1.25V

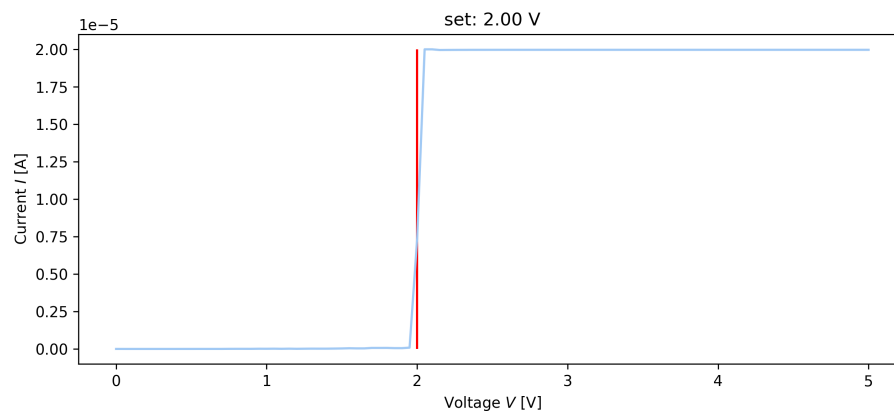


## set

---

- **Time:** 05:15PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 3
- **Set Voltage:** 2.00 V

Set at 2.05V

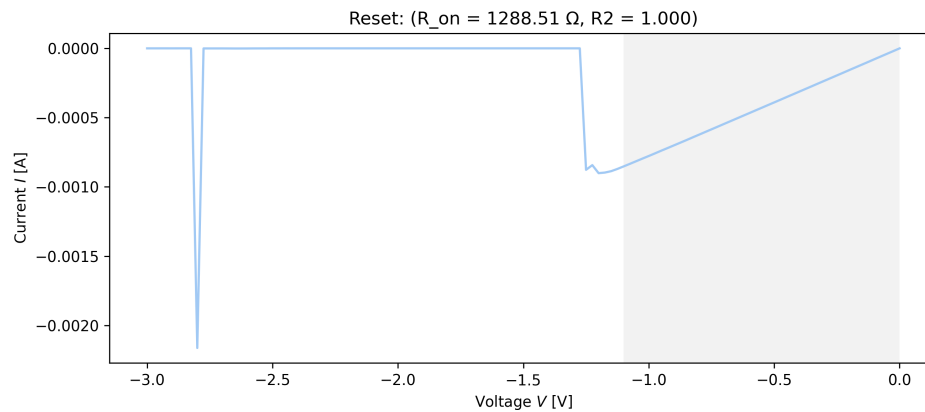


## reset

---

- **Time:** 05:16PM
- **I<sub>cc</sub>:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.559 V/s\*
- **Cycle:** 3
- **Resistance:** 1288.51  $\Omega$
- **Linear Fit R<sup>2</sup>:** 1.000

Reset at -1.275V

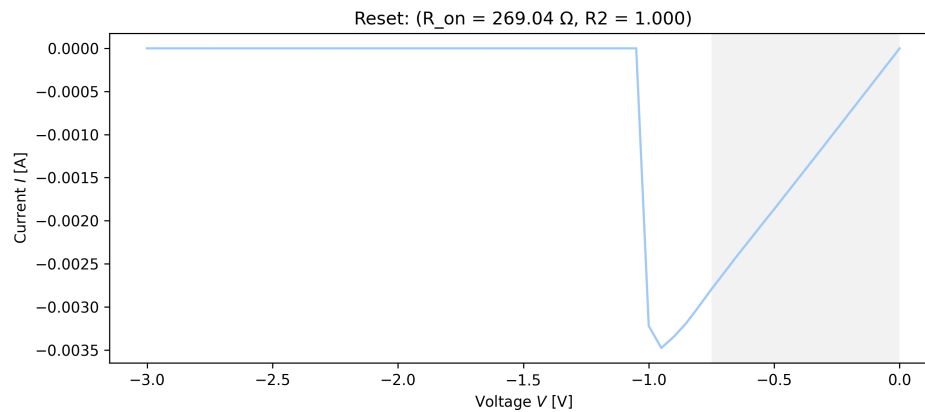


## reset

---

- **Time:** 05:17PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V  $\rightarrow$  -3V
- **Target Ramp Rate:** 2V/s
- **True Ramp Rate:** -1.609 V/s\*
- **Cycle:** 4
- **Resistance:** 269.04  $\Omega$
- **Linear Fit R2:** 1.000

Reset at 1.05V



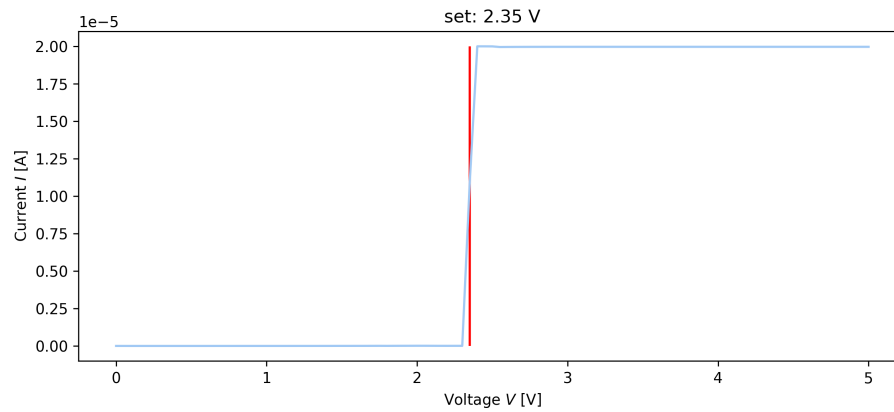


## set

---

- **Time:** 05:17PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 5
- **Set Voltage:** 2.35 V

Set at 2.40V

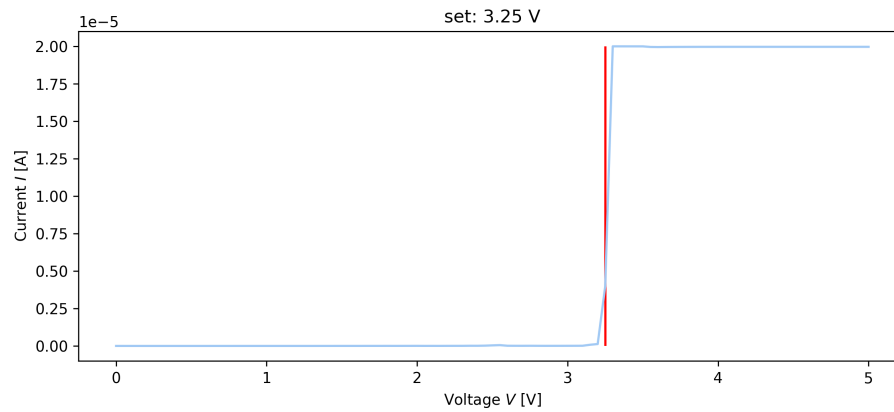


## set

---

- **Time:** 05:19PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 5
- **Set Voltage:** 3.25 V

Set at 3.3V



## reset

---

- **Time:** 05:20PM
- **I<sub>cc</sub>:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.839 V/s\*
- **Cycle:** 5
- **Resistance:** 259.78 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

Reset at -1.25V

