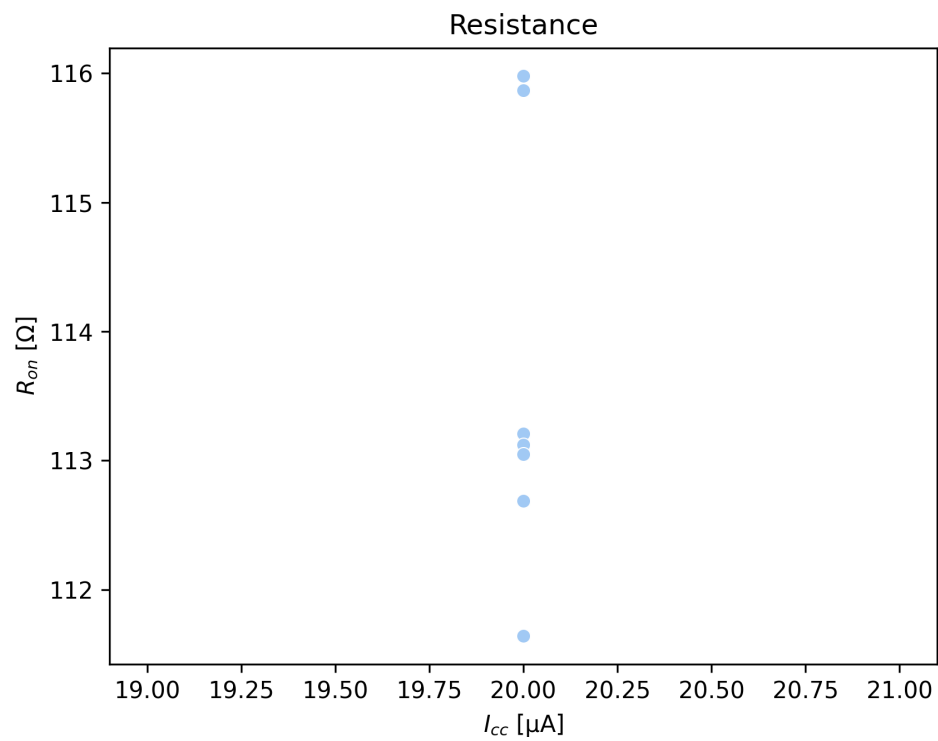# (wafer2,0,0,-1,-1,0,0) Characteristics

_____

- **Cell Size:** 10um
- **Times Accessed:** 13
- **Last Measurement:** 2022/March/11 at 05:23PM
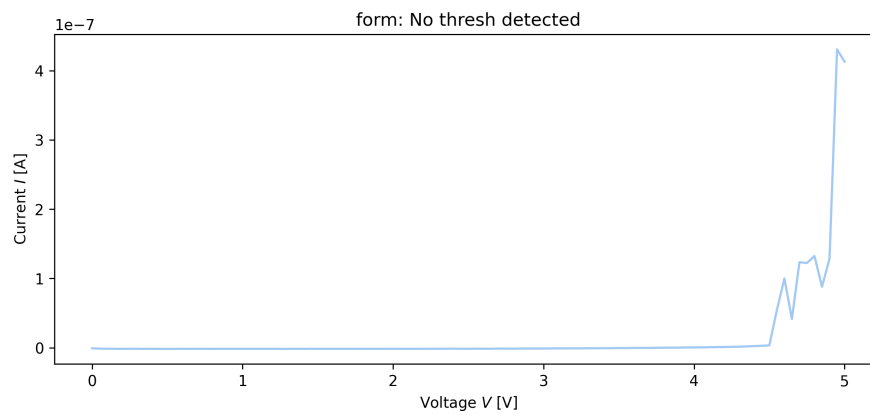
Summary

Cycle #	Set Icc (µA)	Set Voltage (V)	R_on (Ω)	R2
1	20.0	3.95	115.98	1.000
2	20.0	3.95	115.98	1.000
3	20.0	3.95	115.87	1.000
4	20.0	3.95	113.21	1.000
5	20.0	3.95	111.64	1.000
6	20.0	3.95	113.12	1.000
7	20.0	3.95	113.05	1.000
8	20.0	3.95	112.69	1.000

Resistance

form

- **Time:** 04:55PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
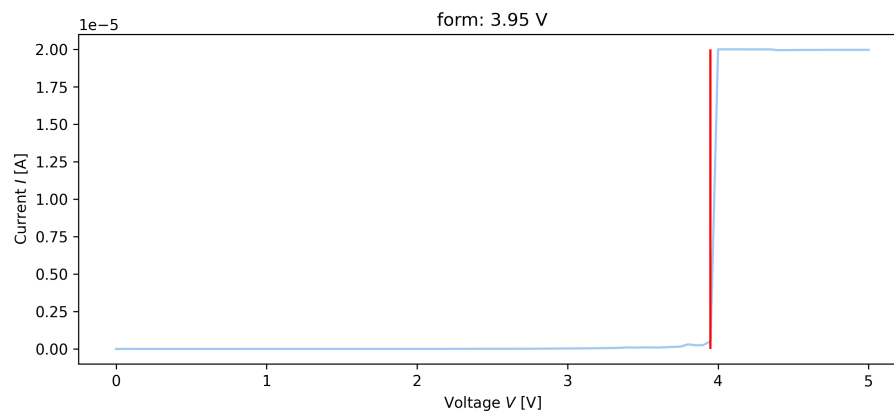- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Error:** Set failed

Failed to set

form

_____

- **Time:** 04:56PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s*
- **Cycle:** 1
- **Set Voltage:** 3.95 V

Formed at 4V
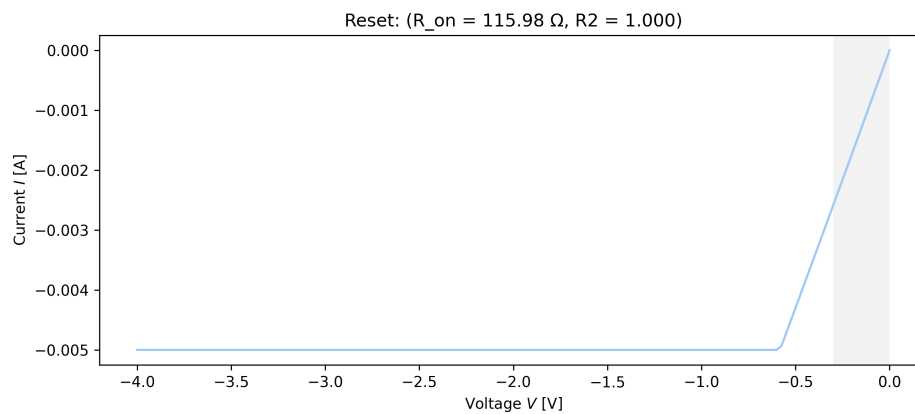
reset

_____

- **Time:** 04:59PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.911 V/s*
- **Cycle:** 1
- **Resistance:** 115.98 Ω
- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 115.98 Ω, R2 = 1.000)

[Figure: I–V plot. X-axis: Voltage V [V] from −4.0 to 0.0. Y-axis: Current I [A] from −0.005 to 0.000. Curve is flat at −0.005 A from −4.0 V to about −0.6 V, then rises linearly to 0.000 A at 0 V.]

reset

_____

- **Time:** 05:00PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.911 V/s*
- **Cycle:** 2
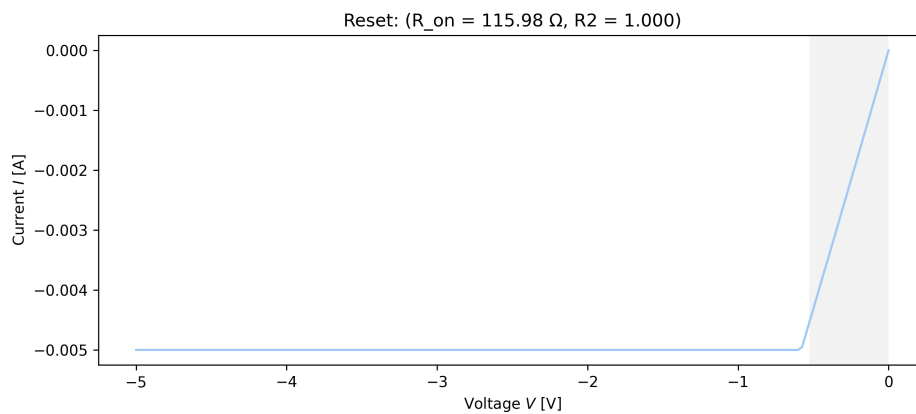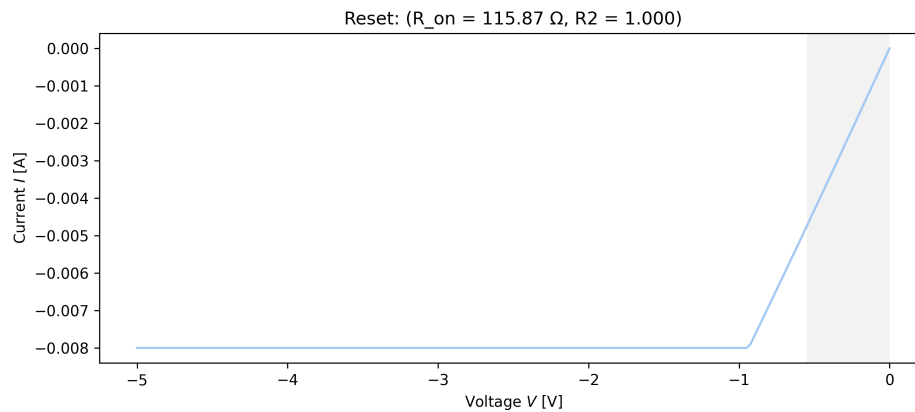- **Resistance:** 115.98 Ω
- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 115.98 Ω, R2 = 1.000)

reset

_____

- **Time:** 05:01PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V $\rightarrow$ -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.912 V/s*
- **Cycle:** 3
- **Resistance:** 115.87 Ω
- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 115.87 Ω, R2 = 1.000)

reset

_____

- **Time:** 05:01PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.912 V/s*
- **Cycle:** 4
- **Resistance:** 113.21 Ω
- **Linear Fit R2:** 1.000

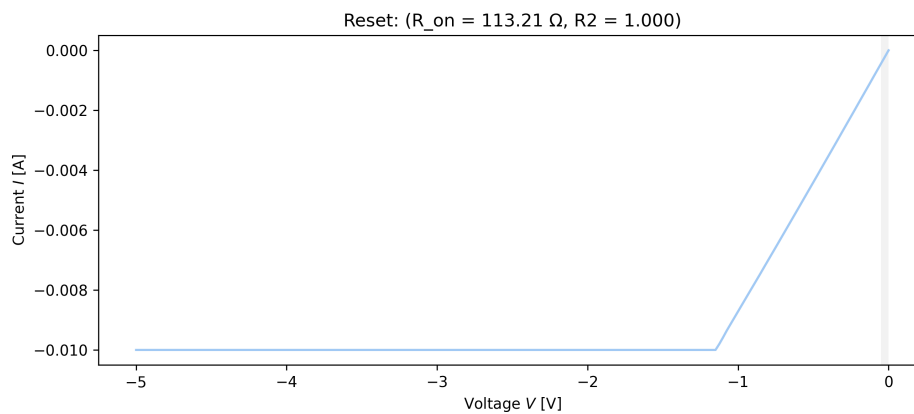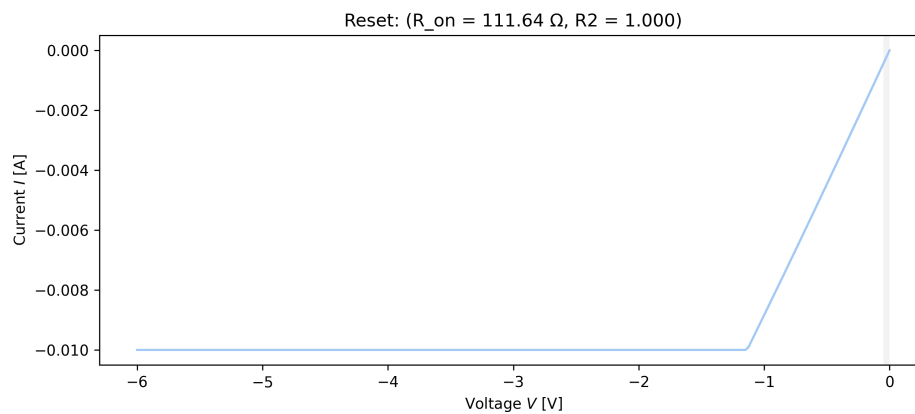No comments were added.

Reset: (R_on = 113.21 Ω, R2 = 1.000)

reset

_____

- **Time:** 05:02PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V → -6V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.913 V/s*
- **Cycle:** 5
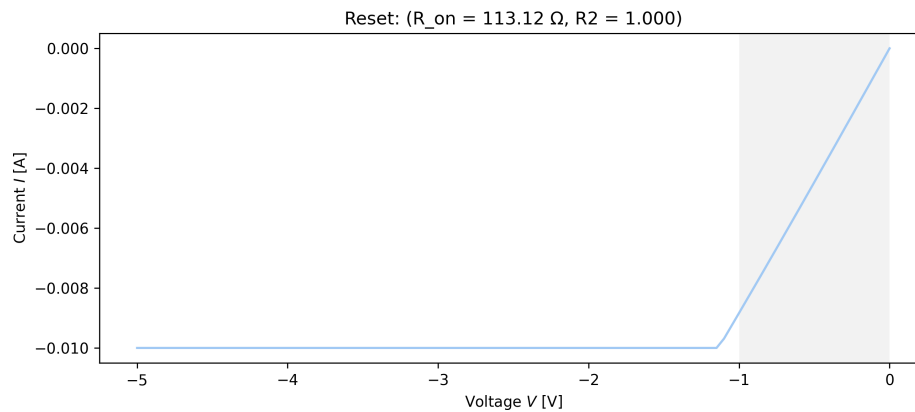- **Resistance:** 111.64 Ω
- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 111.64 Ω, R2 = 1.000)

reset

_____

- **Time:** 05:03PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 2V/s
- **True Ramp Rate:** -1.777 V/s*
- **Cycle:** 6
- **Resistance:** 113.12 Ω
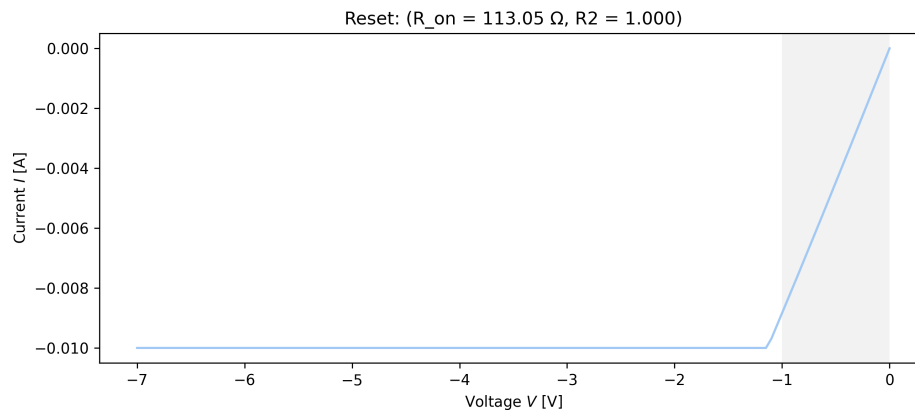- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 113.12 Ω, R2 = 1.000)

reset

_____

- **Time:** 05:04PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V $\rightarrow$ -7V
- **Target Ramp Rate:** 2V/s
- **True Ramp Rate:** -1.778 V/s*
- **Cycle:** 7
- **Resistance:** 113.05 Ω
- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 113.05 Ω, R2 = 1.000)

reset

_____

- **Time:** 05:05PM
- **Icc:** 11.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.578 V/s*
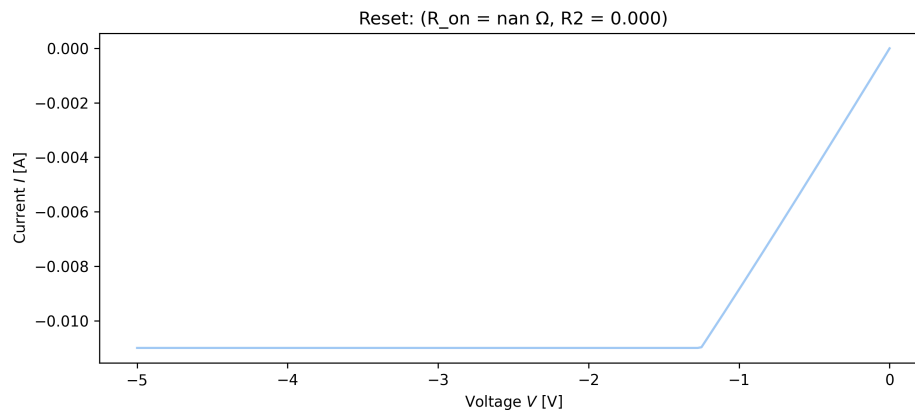- **Cycle:** 8
- **Resistance:** nan Ω
- **Linear Fit R2:** 0.000

No comments were added.

Reset: (R_on = nan Ω, R2 = 0.000)

reset

_____

- **Time:** 05:23PM
- **Icc:** 6.0mA
- **Voltage Range:** 0V → -3V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -0.911 V/s*
- **Cycle:** 8
- **Resistance:** 112.69 Ω
- **Linear Fit R2:** 1.000

No comments were added.

Reset: (R_on = 112.69 Ω, R2 = 1.000)