

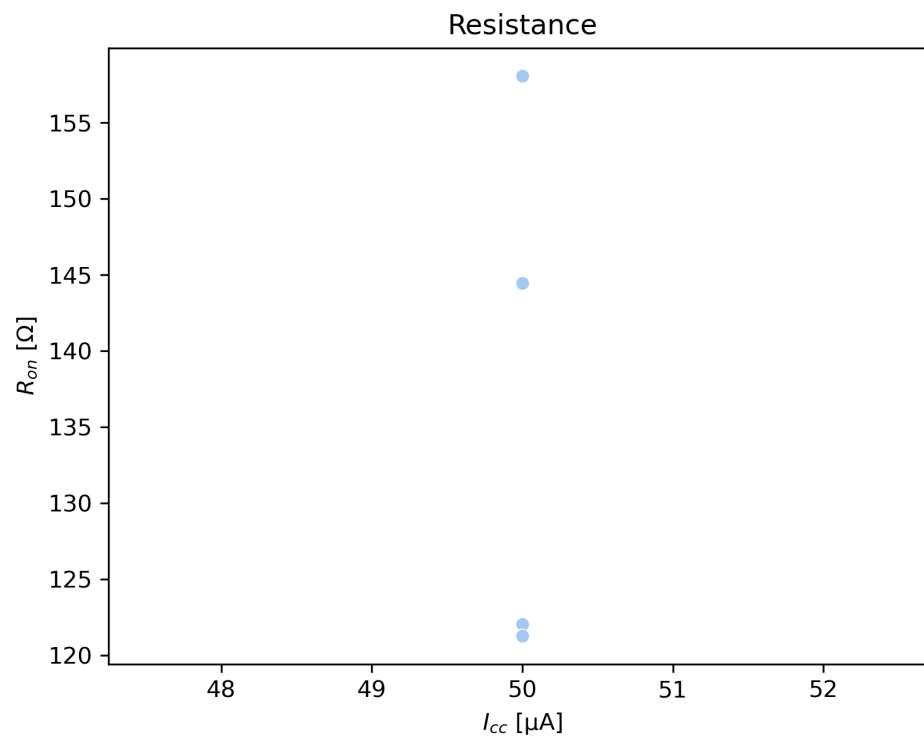
## (wafer1,0,0,-1,-1,0,0) Characteristics

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

### Summary

| Cycle # | Set I <sub>cc</sub> (μA) | Set Voltage (V) | R <sub>on</sub> (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 |

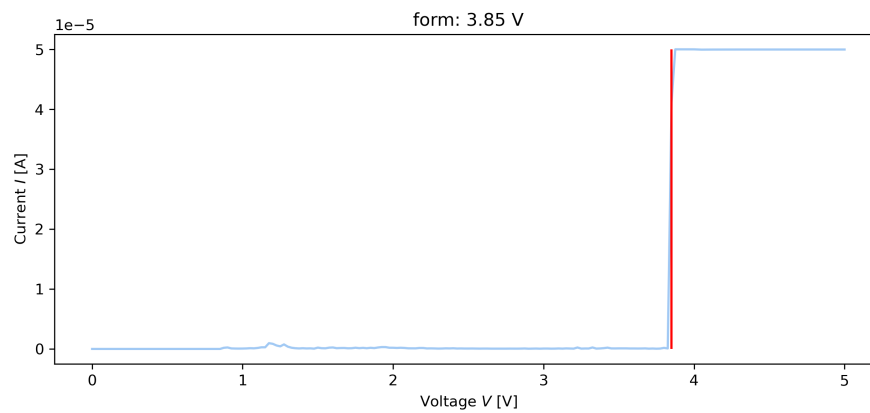


## form

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- **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

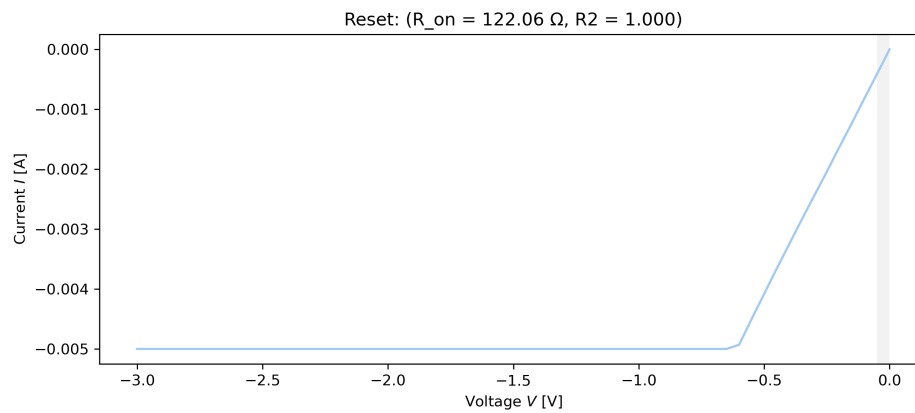


## reset

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- **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'.

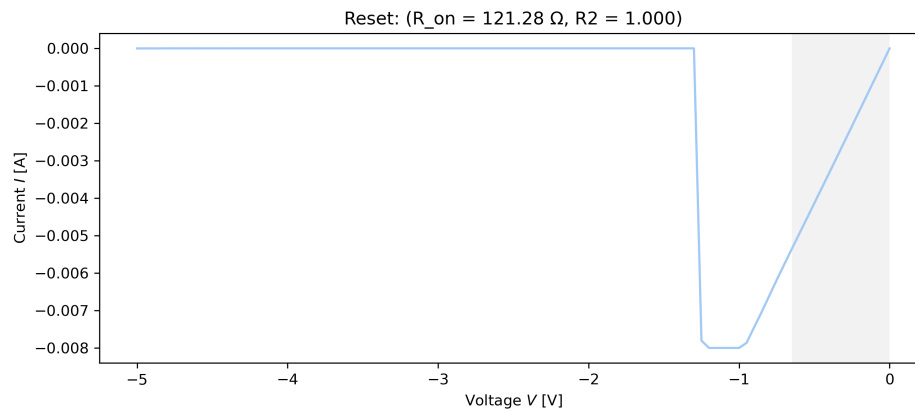


## reset

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- **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

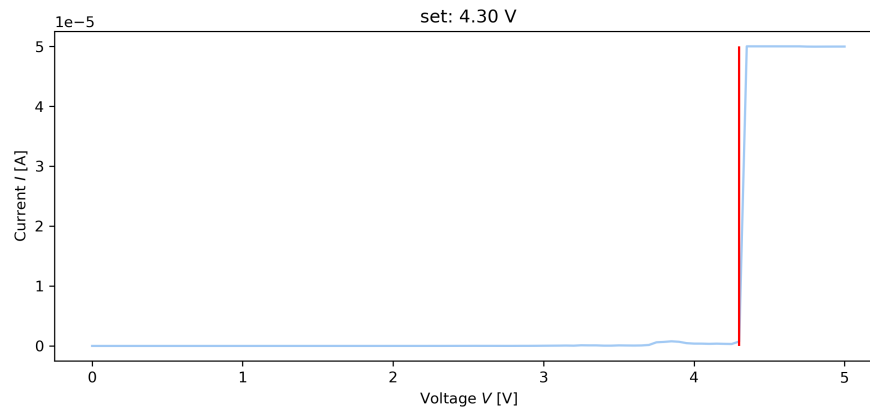


## set

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- **Time:** 01:47PM
- **Icc:** 50.0uA
- **Voltage Range:** 0V  $\rightarrow$  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

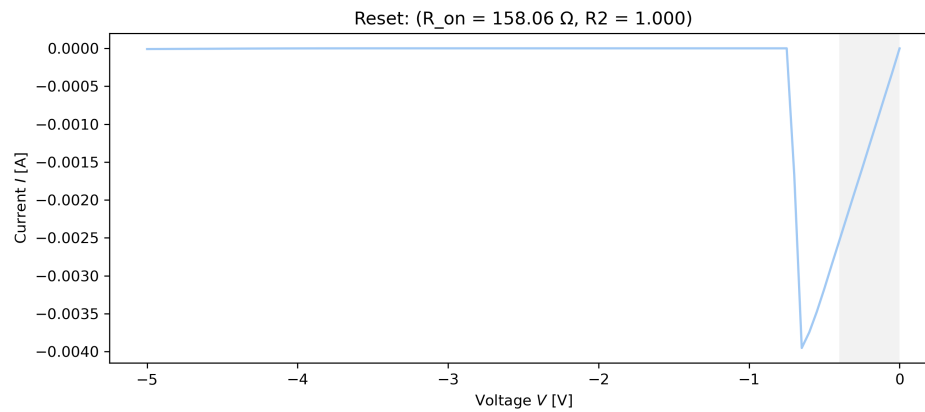


## reset

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- **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

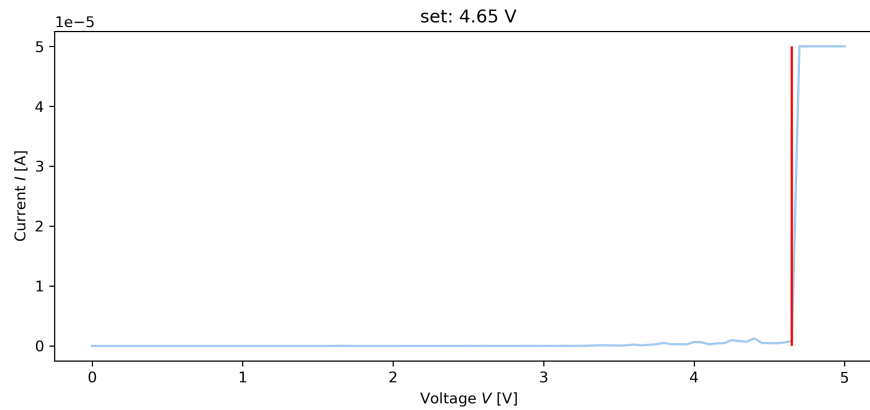


## set

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- **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

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- **Time:** 02:14PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V  $\rightarrow$  -5V
- **Target Ramp Rate:** 0.5V/s
- **True Ramp Rate:** -1.070 V/s\*
- **Cycle:** 4
- **Resistance:** 144.47  $\Omega$
- **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'

