

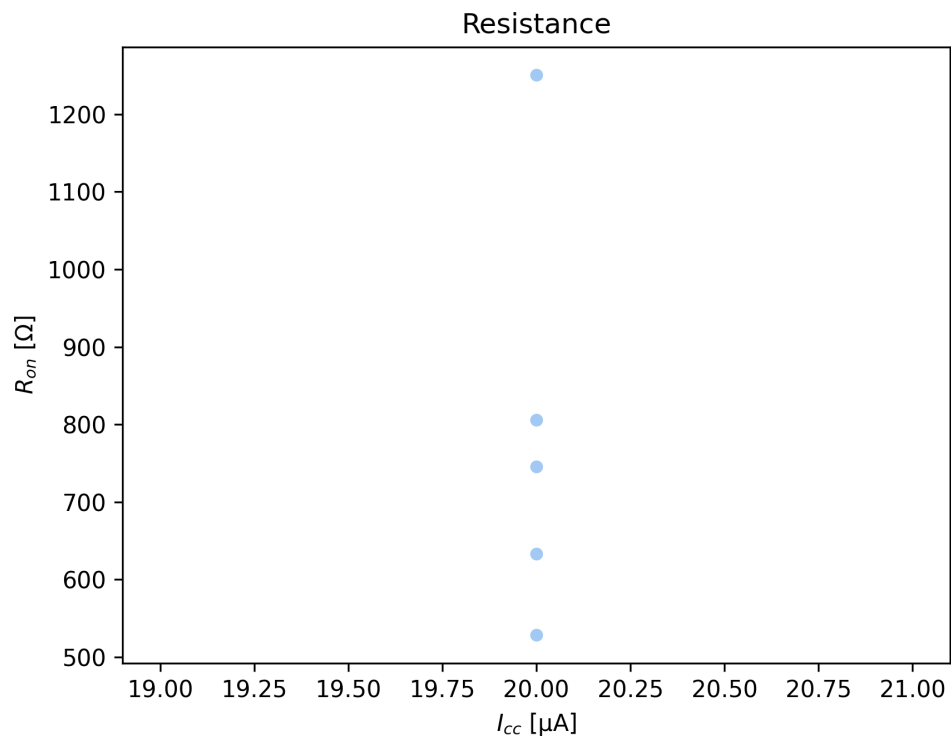
## (wafer1,0,0,-1,-1,3,4) Characteristics

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- **Cell Size:** 10um
- **Times Accessed:** 8
- **Last Measurement:** 2022/March/01 at 02:48:28PM

### Summary

Cycle #	Set Icc ( $\mu$ A)	Set Voltage (V)	R_on ( $\Omega$ )	R2
1	20.0	2.75	805.88	1.000
2	20.0	1.65	1250.56	1.000
3	20.0	2.85	633.14	1.000
4	20.0	2.85	745.53	0.998
5	20.0	2.85	528.37	1.000

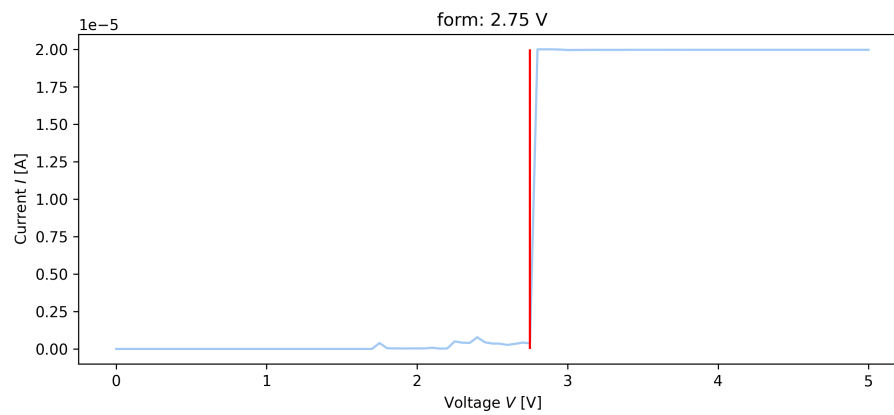


## form

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- **Time:** 02:37:34PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 1
- **Set Voltage:** 2.75 V

Form at 2.8 V

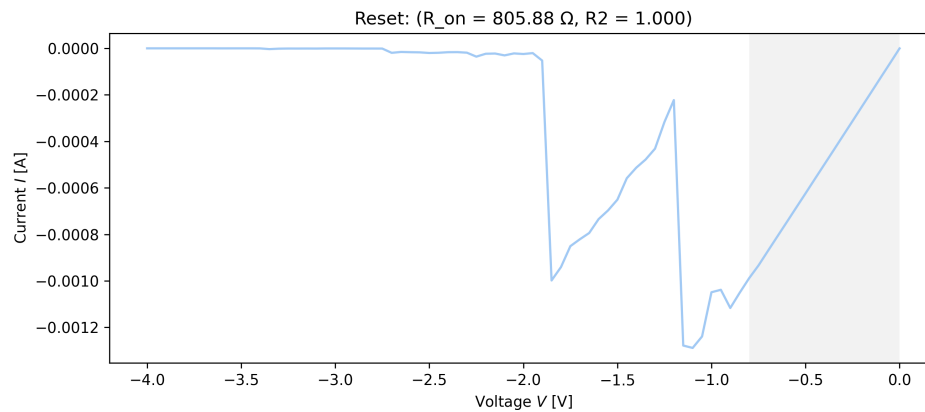


## reset

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- **Time:** 02:39:18PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V  $\rightarrow$  -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.283 V/s\*
- **Cycle:** 1
- **Resistance:** 805.88  $\Omega$
- **Linear Fit R2:** 1.000

Reset at -1.9 V or -2.75 V, hard to say. Asymptotic towards reset condition in between those two points.

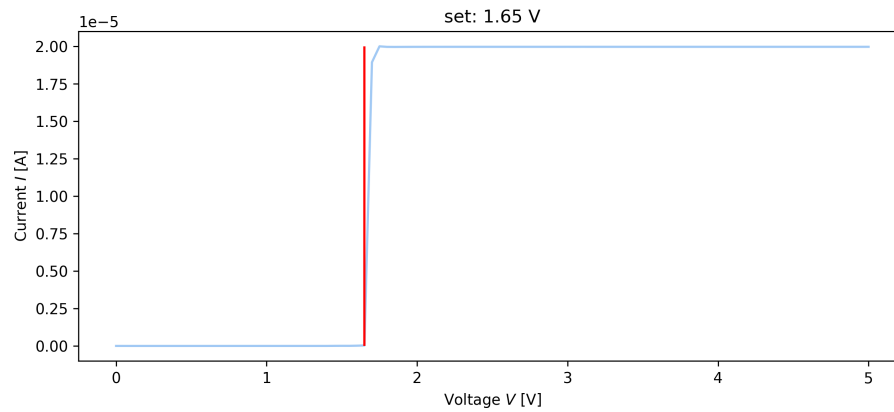


## set

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- **Time:** 02:41:03PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 2
- **Set Voltage:** 1.65 V

Set at 1.7 V

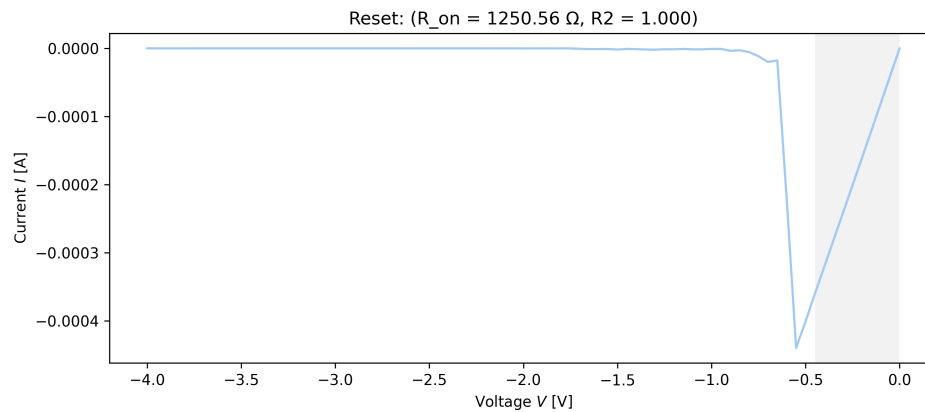


## reset

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- **Time:** 02:42:07PM
- **I<sub>cc</sub>:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.083 V/s\*
- **Cycle:** 2
- **Resistance:** 1250.56 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

Reset at -0.65 V

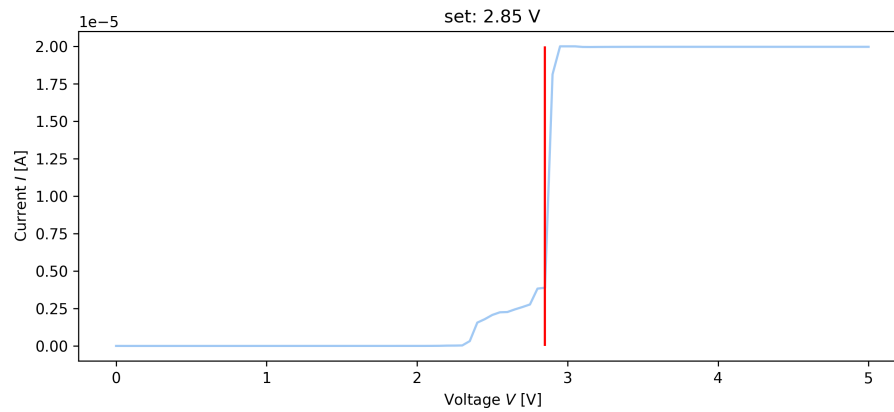


## set

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- **Time:** 02:44:46PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V  $\rightarrow$  5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** 1.069 V/s\*
- **Cycle:** 3
- **Set Voltage:** 2.85 V

Set at 2.95 V

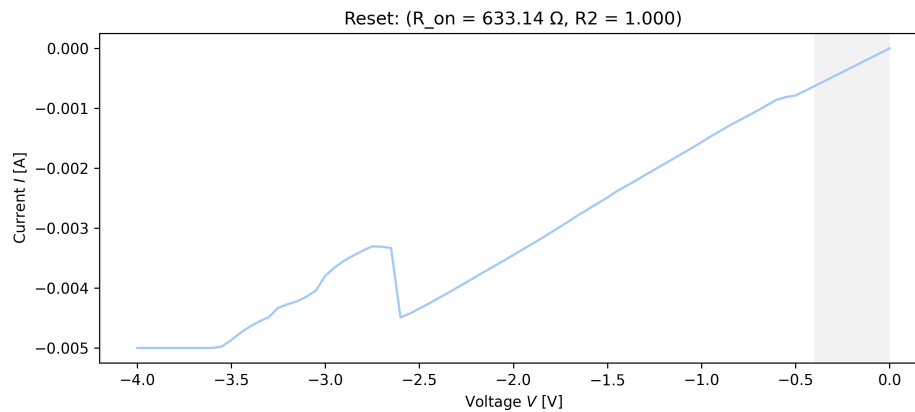


## reset

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- **Time:** 02:46:39PM
- **I<sub>cc</sub>:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.351 V/s\*
- **Cycle:** 3
- **Resistance:** 633.14 Ω
- **Linear Fit R<sup>2</sup>:** 1.000

Failed reset

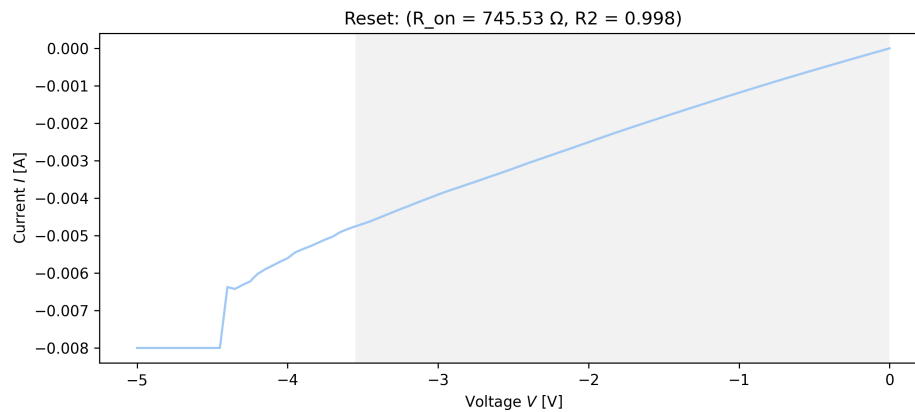


## reset

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- **Time:** 02:47:45PM
- **I<sub>cc</sub>:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.252 V/s\*
- **Cycle:** 4
- **Resistance:** 745.53 Ω
- **Linear Fit R<sup>2</sup>:** 0.998

Failed reset.





## reset

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- **Time:** 02:48:28PM
- **I<sub>cc</sub>:** 10.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.429 V/s\*
- **Cycle:** 5
- **Resistance:** 528.37  $\Omega$
- **Linear Fit R2:** 1.000

Reset at -4.55 V

