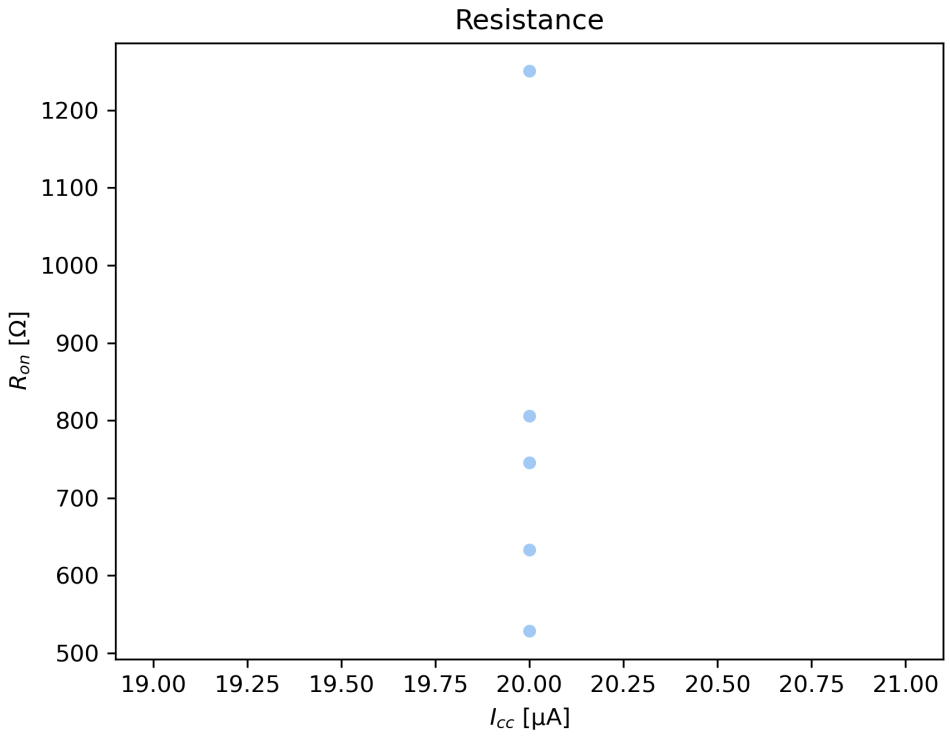
(device,0,0,-1,-1,3,4) Characteristics

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

Summary

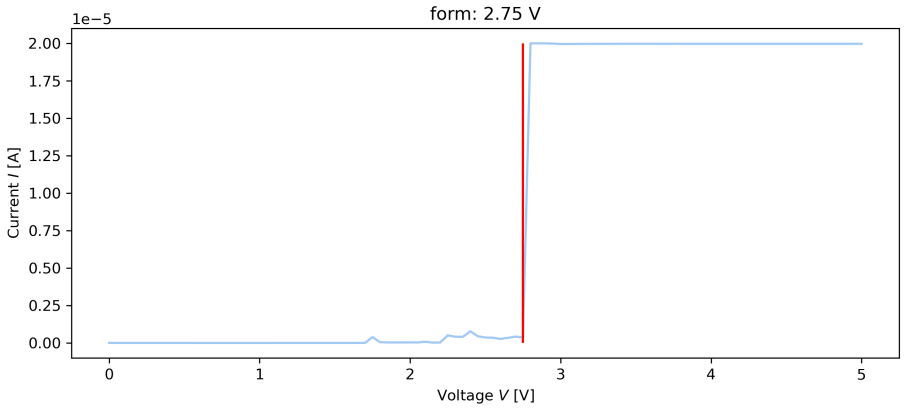
Cycle #	Set Icc (μA)	Set Voltage (V)	R_on (Ω)	R2
1	20.0	2.75	805.88	1.000
2	20.0	1.65	1250.56	1.000
3	20.0	2.85	633.14	1.000
4	20.0	2.85	745.53	0.998
5	20.0	2.85	528.37	1.000



form

- **Time:** 02:37:34PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Ramp Rate:** 1V/s
- **Cycle:** 1
- **Set Voltage:** 2.75 V

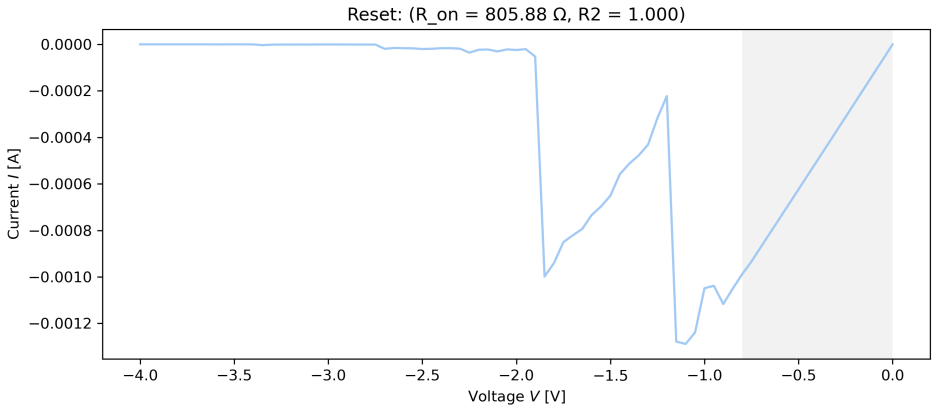
Form at 2.8 V



reset

- **Time:** 02:39:18PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 1
- **Resistance:** 805.88 Ω
- **Linear Fit R2:** 1.000

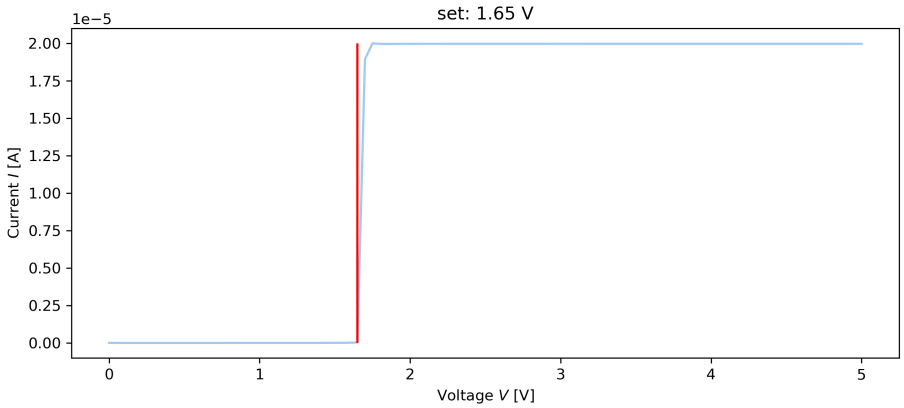
Reset at -1.9 V or -2.75 V, hard to say. Asymptotic towards reset condition in between those two points.



set

- **Time:** 02:41:03PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Ramp Rate:** 1V/s
- **Cycle:** 2
- **Set Voltage:** 1.65 V

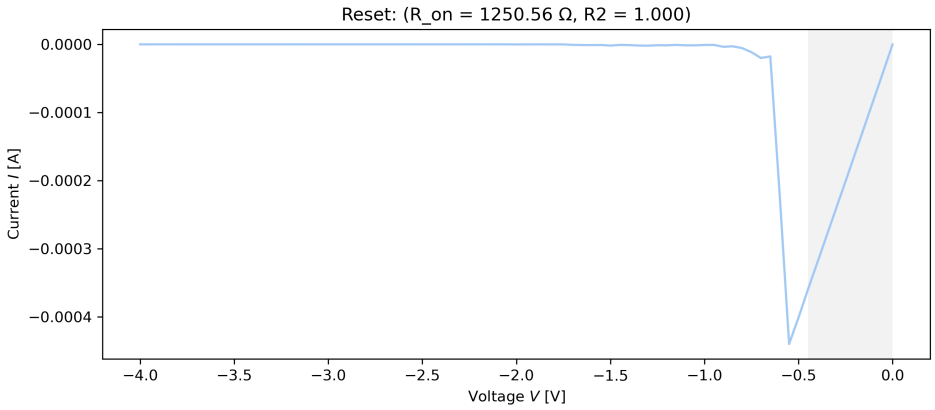
Set at 1.7 V



reset

- **Time:** 02:42:07PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 2
- **Resistance:** 1250.56 Ω
- **Linear Fit R2:** 1.000

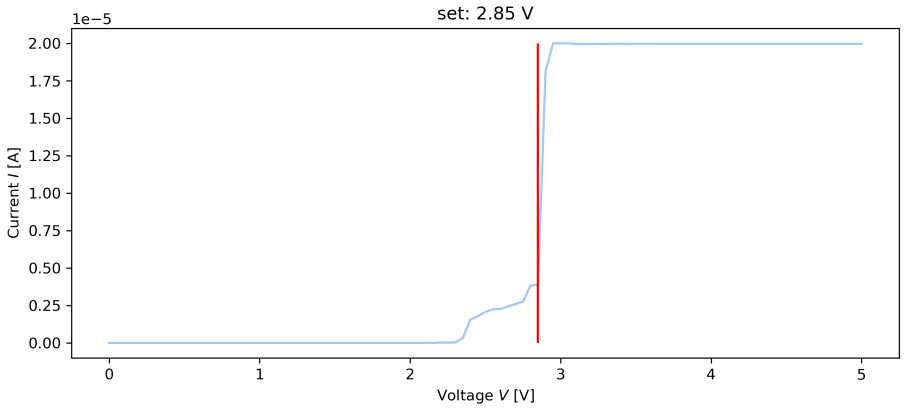
Reset at -0.65 V



set

- **Time:** 02:44:46PM
- **Icc:** 20.0uA
- **Voltage Range:** 0V → 5V
- **Ramp Rate:** 1V/s
- **Cycle:** 3
- **Set Voltage:** 2.85 V

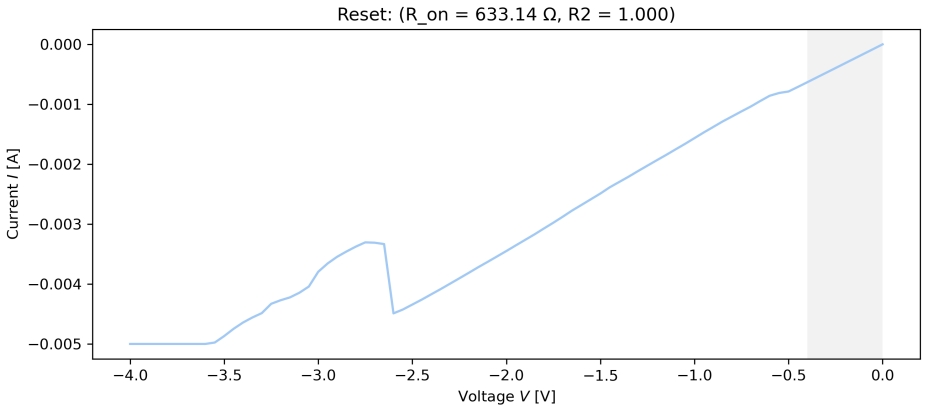
Set at 2.95 V



reset

- **Time:** 02:46:39PM
- **Icc:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Ramp Rate:** 1V/s
- **Cycle:** 3
- **Resistance:** 633.14 Ω
- **Linear Fit R2:** 1.000

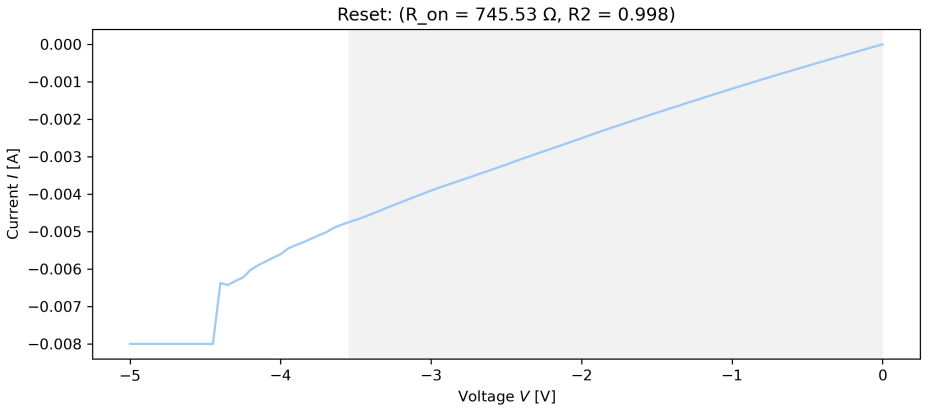
Failed reset



reset

- **Time:** 02:47:45PM
- **Icc:** 8.0mA
- **Voltage Range:** 0V → -5V
- **Ramp Rate:** 1V/s
- **Cycle:** 4
- **Resistance:** 745.53 Ω
- **Linear Fit R2:** 0.998

Failed reset.



reset

- **Time:** 02:48:28PM
- **Icc:** 10.0mA
- **Voltage Range:** 0V → -5V
- **Ramp Rate:** 1V/s
- **Cycle:** 5
- **Resistance:** 528.37 Ω
- **Linear Fit R2:** 1.000

Reset at -4.55 V