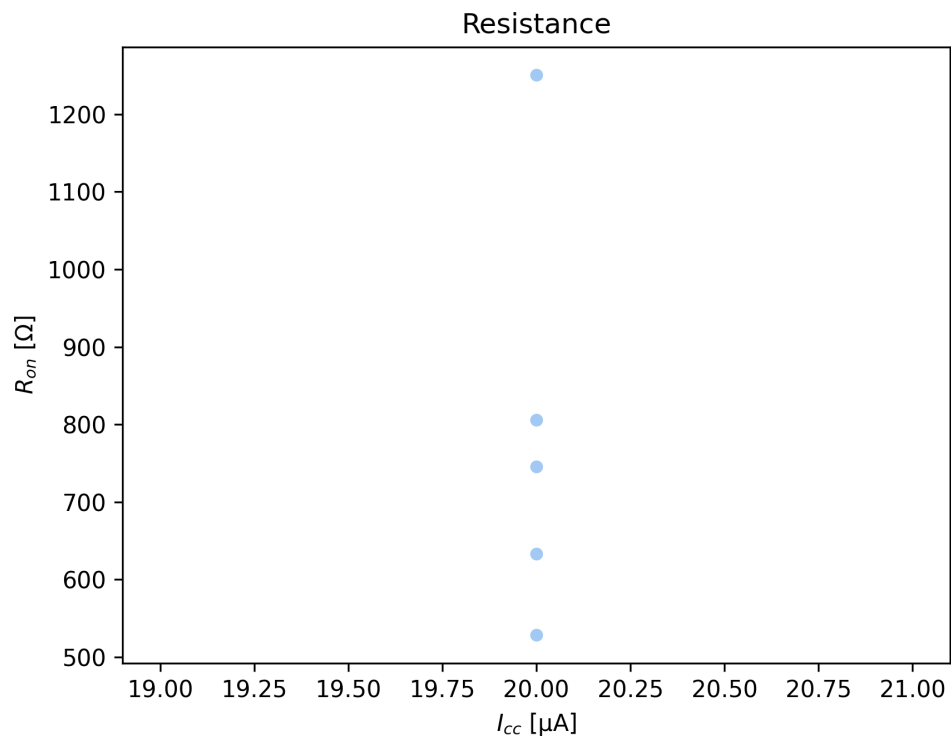


(wafer1,0,0,-1,-1,3,4) Characteristics

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

Summary

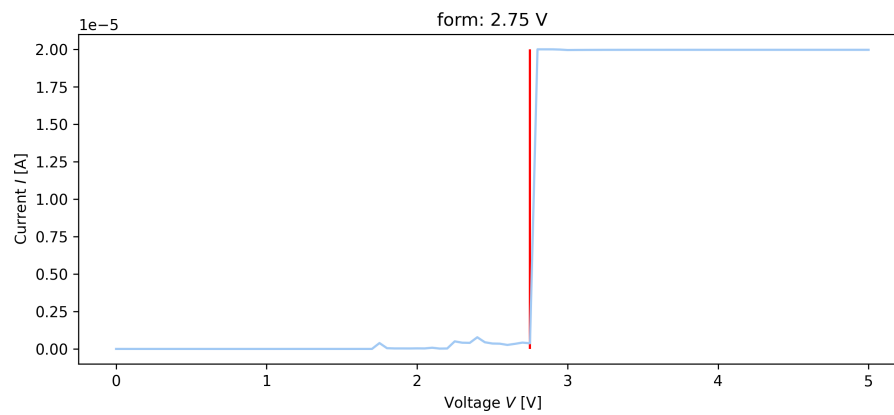
| Cycle # | Set Icc (μ A) | Set Voltage (V) | R_on (Ω) | R2 |
|---------|--------------------|-----------------|-------------------|-------|
| 1 | 20.0 | 2.75 | 805.88 | 1.000 |
| 2 | 20.0 | 1.65 | 1250.56 | 1.000 |
| 3 | 20.0 | 2.85 | 633.14 | 1.000 |
| 4 | 20.0 | 2.85 | 745.53 | 0.998 |
| 5 | 20.0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



form

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

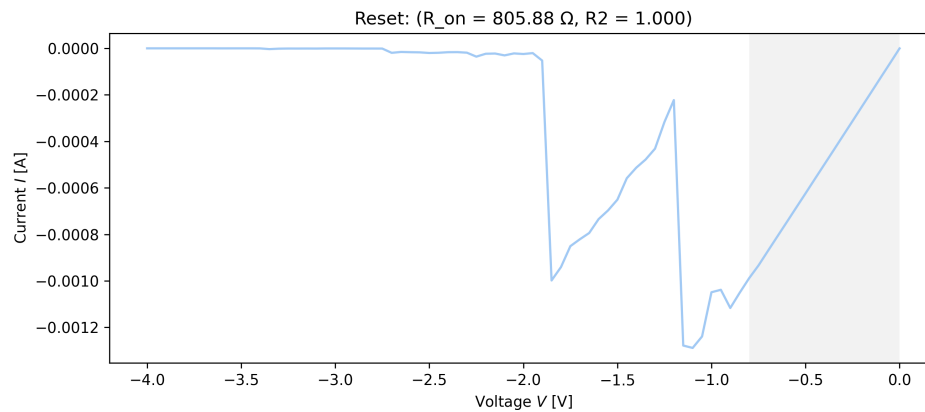
Form at 2.8 V



reset

- **Time:** 02:39:18PM
- **I_{cc}:** 5.0mA
- **Voltage Range:** 0V → -4V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.283 V/s*
- **Cycle:** 1
- **Resistance:** 805.88 Ω
- **Linear Fit R2:** 1.000

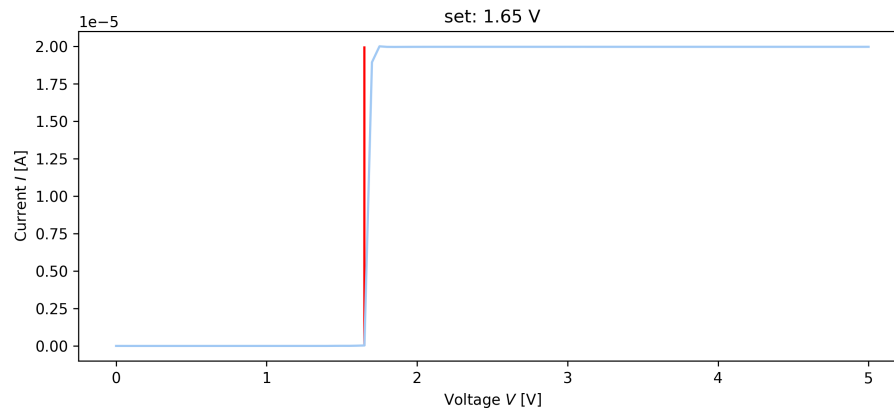
Reset at -1.9 V or -2.75 V, hard to say. Asymptotic towards reset condition in between those two points.



set

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

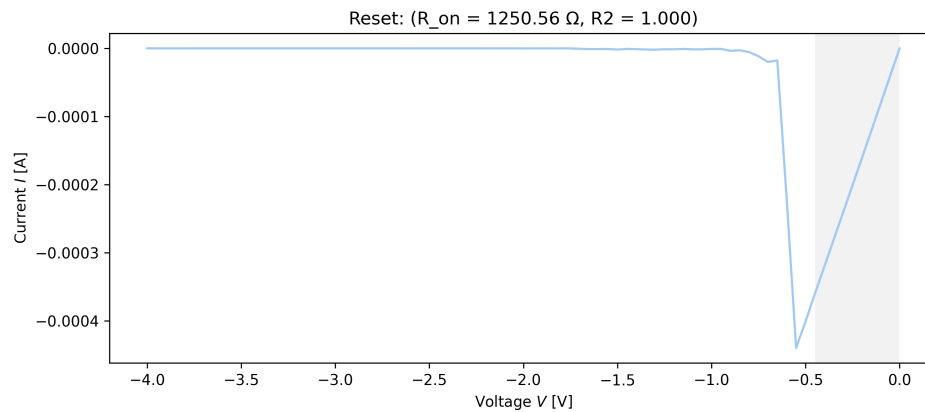
Set at 1.7 V



reset

- **Time:** 02:42:07PM
- **I_{cc}:** 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 R²:** 1.000

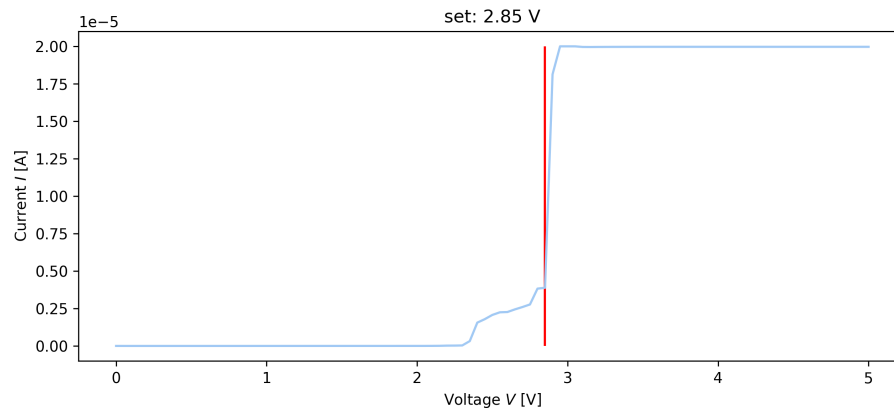
Reset at -0.65 V



set

- **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

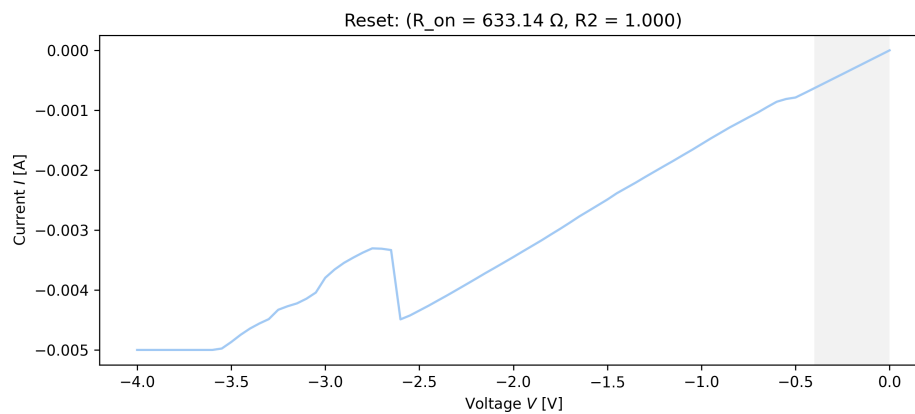
Set at 2.95 V



reset

- **Time:** 02:46:39PM
- **I_{cc}:** 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 R²:** 1.000

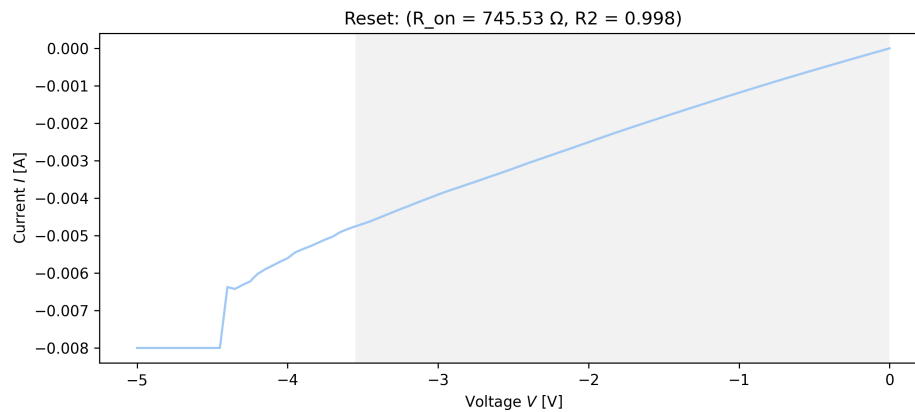
Failed reset



reset

- **Time:** 02:47:45PM
- **I_{cc}:** 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 R²:** 0.998

Failed reset.



reset

- **Time:** 02:48:28PM
- **I_{cc}:** 10.0mA
- **Voltage Range:** 0V → -5V
- **Target Ramp Rate:** 1V/s
- **True Ramp Rate:** -1.429 V/s*
- **Cycle:** 5
- **Resistance:** 528.37 Ω
- **Linear Fit R2:** 1.000

Reset at -4.55 V

