

0.2-

0.0-

255-

250-

245-

240-

## Memristor

User: Giorgos\_Psaltakis Device: dev1cell3pmmaeaold Area: 1.00 cm^2 "2024-02-28\_14.16.48\_Memristor\_dev1cell3pmmaeaold\_\_IV.txt" Cell area Temperature Cell name > Start Giorgos\_Psaltakis dev1cell3pmmaeaold 1 cm² 0°C + 🕦 🐚 Voltage 🦳 Current 🦳 Configure Waveform 1.5-1.4-1.3-1.2-1.1--150n -125n Time settings -100n Sampling Time 3 ms -75n -50n Voltage (V) 900m -Acquisition settings -25n 800m 700m Voltage Range 6 V --25n **E** 600m Current Range 1 µA -50n Current Limit 1u A 400m -75n 300m -100n Output settings -125n DC Bias Voltage 0 V --150n -175n 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 Light settings DC Light Bias 
Pulse Light R\_HRS R\_LRS M LED Ring 300--134 295-0.000 -132 290--130 Resistance LRS ( 0.8-Resistance HRS (Ohm) 280 – 285 – 270 – 265 – 260 – 255 0.6-0.4-

Time (s)



-120 **Ohn** 

-116

-114

-112 -110 2.6