

## Memristor

User: Giorgos\_Psaltakis Device: dev1cell3pmmaeaold Area: 1.00 cm^2 "2024-02-28\_15.15.25\_Memristor\_dev1cell3pmmaeaold\_\_IV.txt" Cell name > Start Giorgos\_Psaltakis dev1cell3pmmaeaold 1 cm² 0°C + • Voltage Current Configure Waveform -650n 998m -600n Time settings 996m -550n Sampling Time 5 ms 994m -500n 992m-998m-988m-984m-982m--450n -400n Current Acquisition settings Voltage Range 6 V -300n **E** Current Range 1 µA -250n Current Limit 1u A -200n 978m -150n Output settings 976m -100n 974m DC Bias Voltage 0 V 972m -50n 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 Light settings 1000 2000 3000 4000 5000 6000 7000 8000 Time (ms) DC Light Bias O Pulse Light R\_HRS R\_LRS M Pulse Info -185-LED Ring Туре -190-400 Enable -195--390 Resistance\_LRS ( -195--200--215--220-Frequency 1Hz Amplitude (a.u.) 0.1 2 % Duty Cycle -360 **(Ohm)** 350 -225--340 -230-Time (s)

