

Memristor

User: Giorgos_Psaltakis Device: dev1cell3pmmaeaold Area: 1.00 cm^2

"2024-02-28_14.16.58_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--120n -100n Time settings -80n Sampling Time 4 ms -60n -40n Voltage (V) 900m -Acquisition settings -20n 800m 700m Voltage Range 6 V --20n **E** Current Range 1 µA 600m -40n Current Limit 1u A 400m -60n 300m -80n Output settings -100n DC Bias Voltage 0 V -120n Light settings 1800 2000 3000 3200 3400 Time (ms) DC Light Bias
Pulse Light R_HRS R_LRS M LED Ring -940 -225 0.000 -980--230 0.8---235 **Resistance** L -1k-Resistance_HRS (Ohm) 0.6--1.02k -1.04k 0.4--1.06k -250 😾 0.2--1.08k --255 **O** -1.1k-0.0--1.12k -265 -1.14k --270 -1.16k

