

Supporting Information

Perovskite-related $(\text{CH}_3\text{NH}_3)_3\text{Sb}_2\text{Br}_9$ for Forming-Free Memristor and Low-Energy-Consuming Neuromorphic Computing

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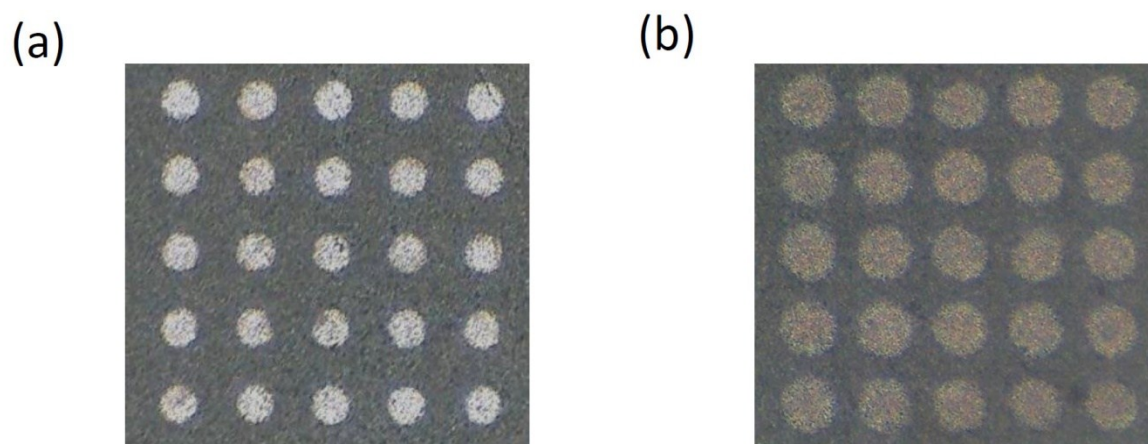


Figure S1. Optical microscopic images of (a) Ag/PMMA/MA₃Sb₂Br₉/ITO device and (b) Ag/MA₃Sb₂Br₉/ITO device, showing Ag top electrodes.

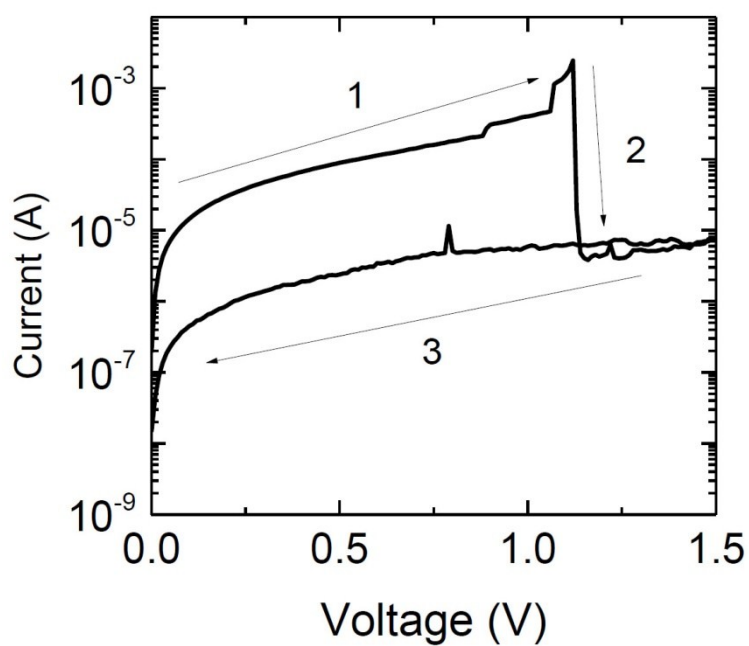


Figure S2. Initial I-V characteristics of Au/MA₃Sb₂Br₉/ITO device. Numbers indicate sweeping sequence.

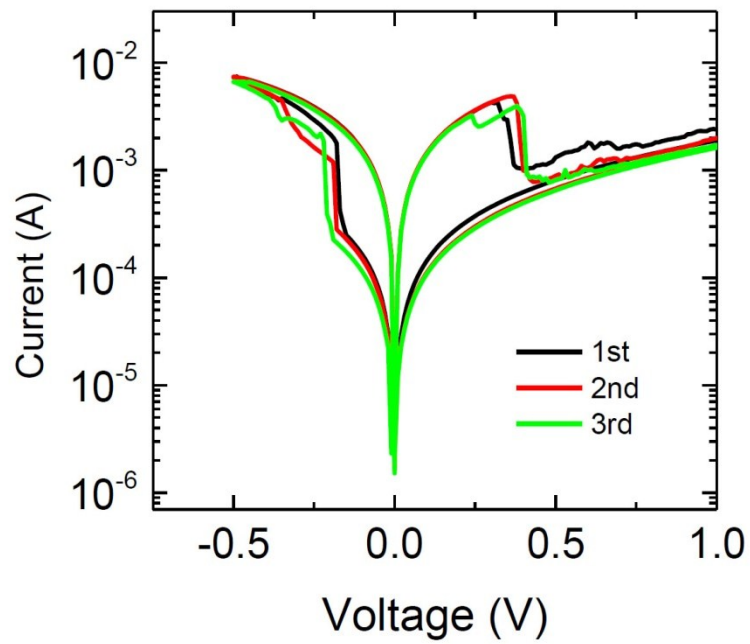


Figure S3. I-V characteristics of Ag/MA₃Sb₂Br₉/ITO devices after initial RESET.

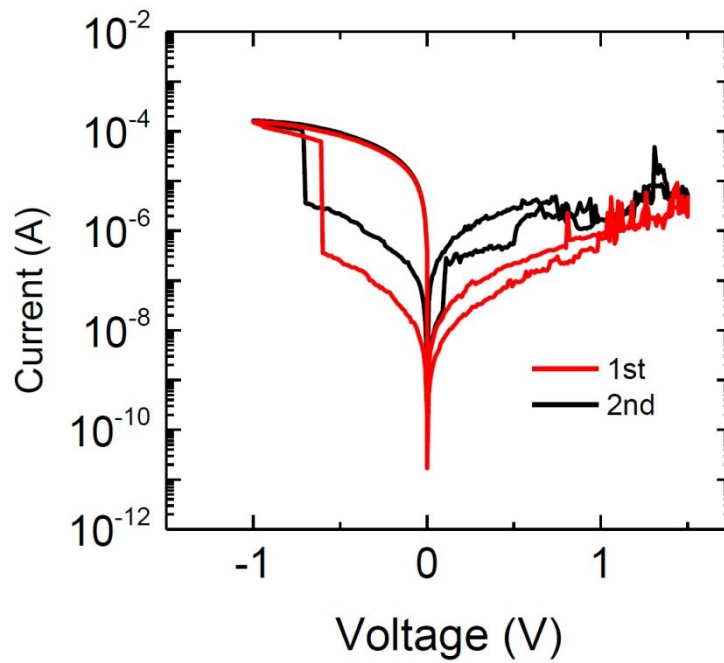


Figure S4. I-V characteristics of Au/MA₃Sb₂Br₉/ITO devices after initial RESET.

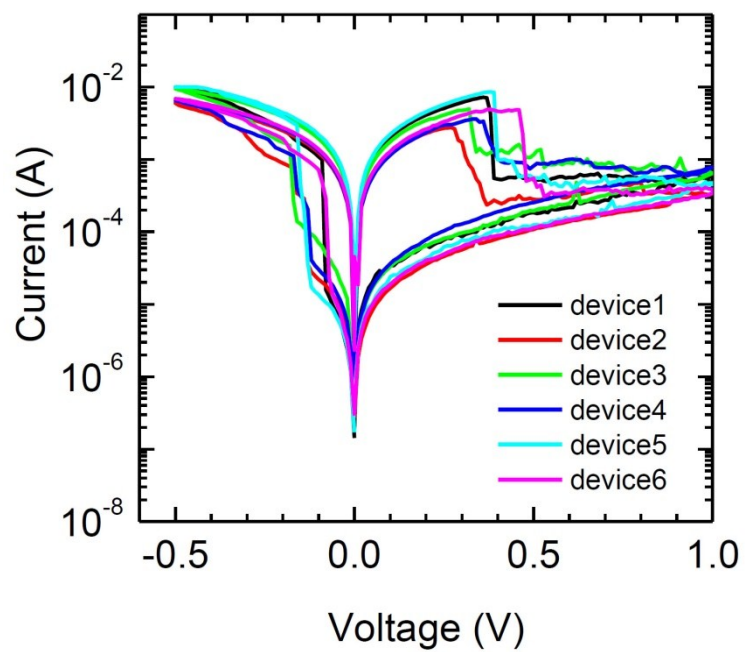


Figure S5. I-V characteristic of Ag/MA₃Sb₂Br₉/ITO for 6 different devices