

1 ***Supplementary information***2 **Switching characteristics and mechanism using Al₂O₃**
3 **interfacial layer in Al/Cu/GdO_x/Al₂O₃/TiN memristor**4 **Chiao-Fan Chiu^{1,2}, Sreekanth Ginnaram³, Asim Senapati³, Yi-Pin Chen⁴, and Siddheswar
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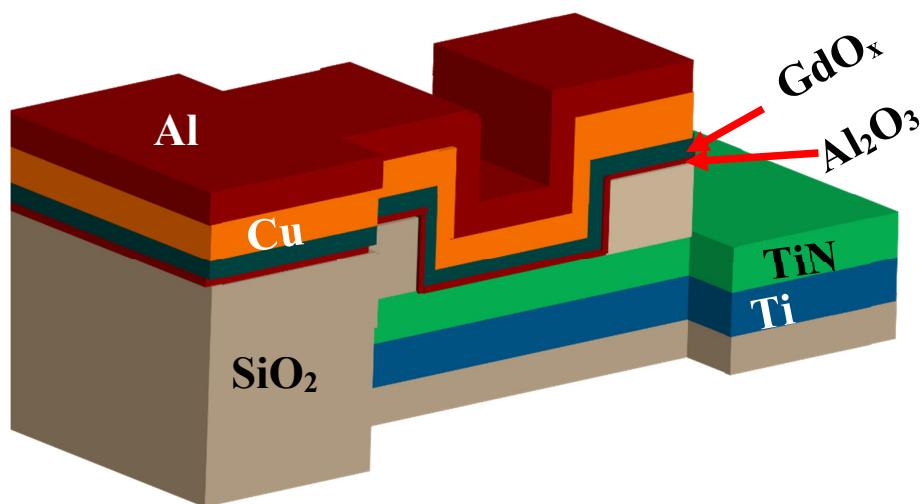


Figure S2: Schematic view of Al/Cu/GdO_x/Al₂O₃/TiN memory structure