

An ambipolar two terminal selection device

Abstract:

An ambipolar two terminal selection device

The present invention relates to a new selection or access device for cross point memory with at least one ambipolar or selector device which could be applicable to various bipolar memory technologies like bipolar RRAM (Resistive random-access memory), STT RAM (spin-transfer torque random access memory). It includes method of fabrication and also pertains to a memory system including this device and a new computational system modelled after neuromorphic (neuron like) circuits.

Patent application No. 2134/MUM/2013