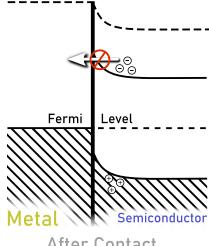


Before Contact



After Contact

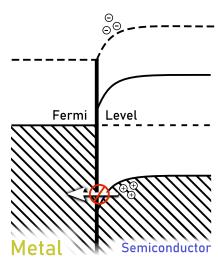
(High Workfunction Metal)

Electron Blocking Schottky barrier

Conduction Band Fermi Level Fermi Level Valence Band Metal Vacuum Semiconductor

Before Contact

Hole Blocking Schottky barrier



After Contact

(Low Workfunction Metal)