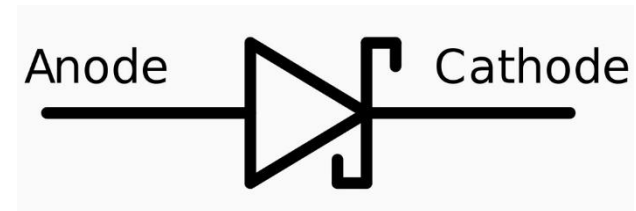
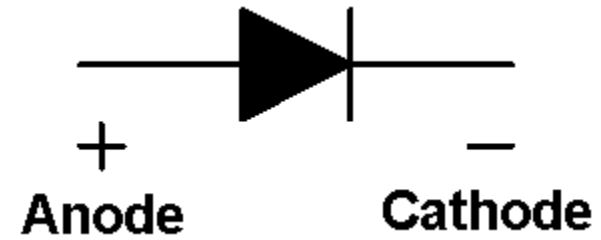
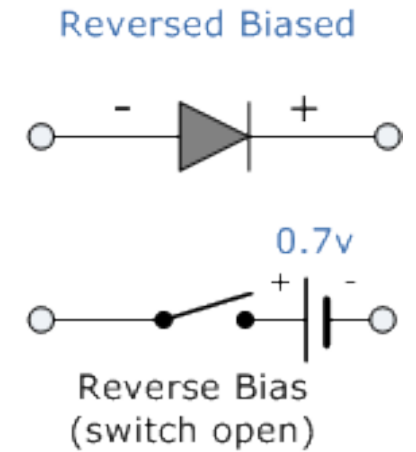
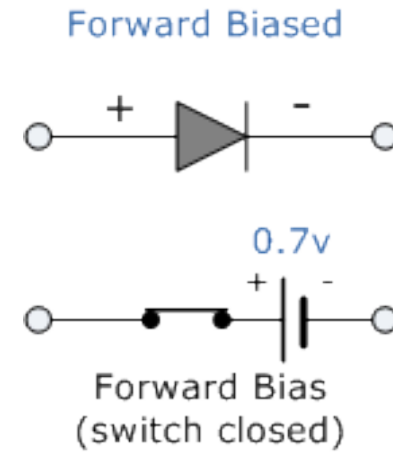
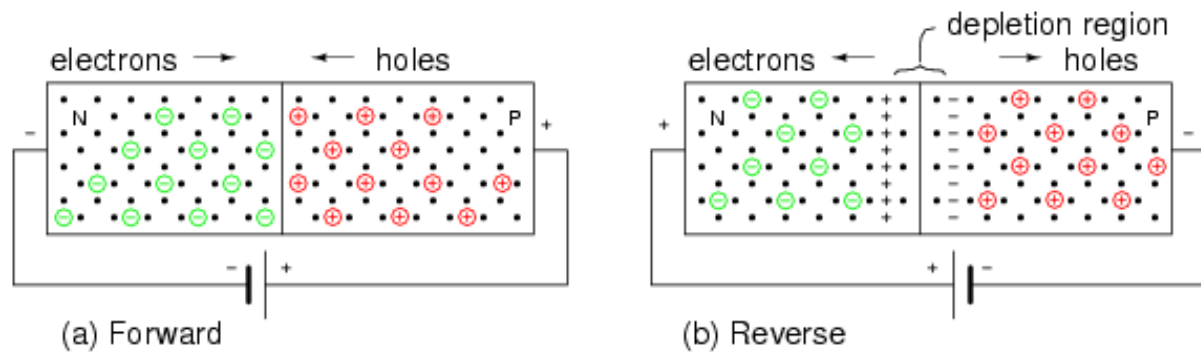


Switching diode



Princíp

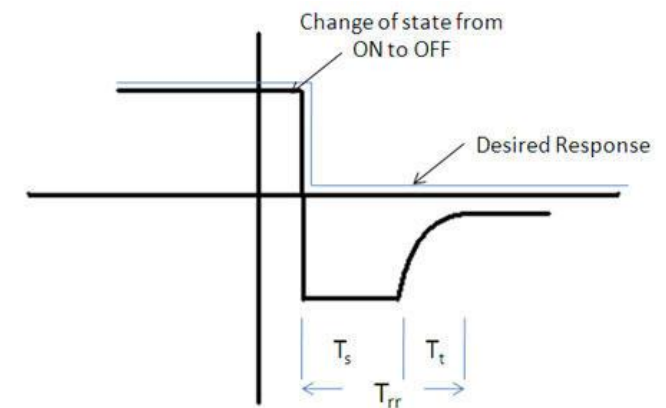
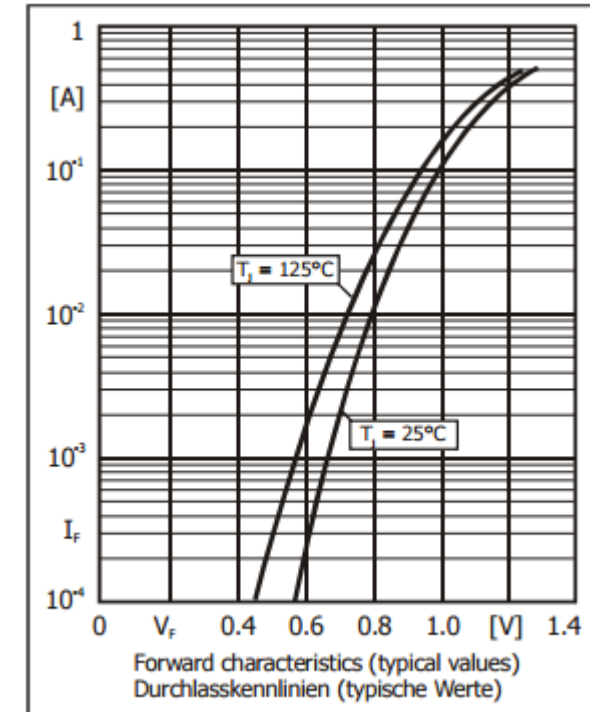
- PN prechod



- Prechod kov – polovodič (Schotkky diode)

Charakteristika

- Krátka zotavovacia doba
 - (doba, za ktorú záverný prúd diódy klesne na desatinu maximálnej hodnoty)
 - Typicky 4 ns
- Max. napätie v závernom smere: 75 – 200 V
- Max. prúd v priepustnom smere: 150 – 300 mA



Characteristics of Diode switching time

Použitie

- Spínanie
- Ochrana
- Vysoké frekvencie / impulzný režim
- Usmerňovanie (Rectifier Diodes)