

(energy band)

(solid) 가
 가 , 가 가 (insulator) 가 (valence band)
 conduction band ()

band 가 valence band conduction band energy gap 가 1eV
 acceptor(3) donor(5) donor 가 1eV
 가 valence band (acceptor)

LED(light-emitting diode)

acceptor 가 p , donor 가 n
 가 conduction band valence band
 p LED LED OLED (organic LED) organic
 , 가

- <http://solid.hanyang.ac.kr/05na/05na07.htm>

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