

(energy band)

(solid) , 가 .
 가 , 가 가 (valence band)
 (insulator)가 , (conduction band)
 valence band conduction band energy gap 가 1eV
 band 가 valence band conduction band
 valence band
 band 가 acceptor(3) donor(5)
 acceptor(3) donor가 가
 가 (acceptor)

LED(light-emitting diode)

acceptor가 p , donor가 n
 가 . n
 p conduction band valence band
 LED OLED (organic LED) organic
 LED , 가

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

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