

Page _____

Answer 6:- The external semiconductor are components of many common electrical devices. A semiconductor diode devices that allow current in one only direction. Consist of p-type and n-type semiconductor placed in junction with one another. Currently most semiconductor diode use doped silicon or germanium.

The Internal semiconductor is a pure semiconductor is called the Internal semiconductor on the basis of the energy band phenomenon as intrinsic semiconductor at absolute zero temperature. Its valance band is completely filled and the conduction band is completely empty. when the temperature is raised and some heat energy is supplied to it.