





WHAT IS P-N JUNCTION ?

A P-N junction is formed by joining a P-type semiconductor and an N-type semiconductor. The P-type semiconductor is made of a material that has a deficiency of electrons, while the N-type semiconductor is made of a material that has an excess of electrons. When these two materials are joined together, a depletion region is formed at the junction, which acts as a barrier to the flow of electrons and holes. This depletion region is the P-N junction.



