

Types of semi conductors

In electronics, semiconductors are classified into the following major types –

Intrinsic Semiconductors – These are pure semiconductors like Si and Ge.

Extrinsic Semiconductors – These are impure or doped semiconductors. Extrinsic semiconductors are further classified into the following two types –

N-type semiconductors – Those extrinsic semiconductors having negative majority charges electrons

are known as n-type semiconductors.

P-type semiconductors – Extrinsic semiconductors having positive majority charges holes are known as p-type semiconductors.