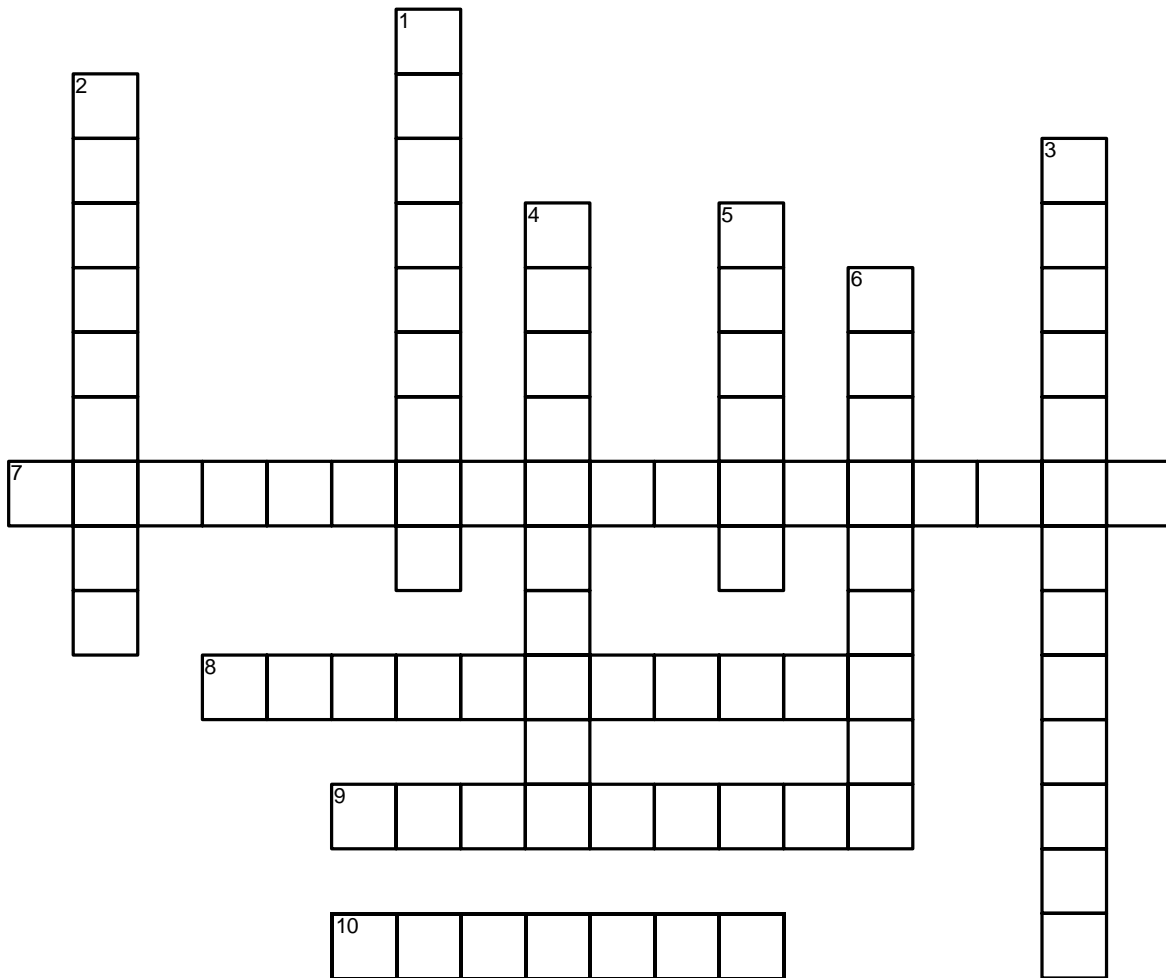


# Basic Electronics



## Across

7. Semiconductor with excess of electrons.

8. Type of impurity in n-type semiconductor.

9. N-P-N transistor acts as an .....

10. Process of applying suitable D.C. voltage to the P-N junction diode.

## Down

1. P-N junction diode used in.....

2. The material which has no gap.

3. The material which has energy gap around 1 eV.

4. Energy level corresponding to the average energy of electrons and holes.

5. The process of adding impurity.

6. The material which has large energy gap.