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**Number of valance electrons of atom used to dope p type semi conductor**

3

**List of examples of trivalent impurity used to dope p type semi conductor**

- Aluminium
- Boron

**List of activities at formation of p type semi conductors**

- Form 3 covalent bonds with semi conductor by impurity
- Form hole at one bond

**Number of covalent bonds formed by impurity with semi conductors in p type semi conductor**

3

**Majority charge carriers at p type semi conductors**

Holes

**Minority charge carriers at n type semi conductors**

Free electrons