

Electron configurations for elements 1-36

H: $1s^1$

He: $1s^2$

Li: $1s^2 2s^1$

Be: $1s^2 2s^2$

B: $1s^2 2s^2 2p^1$

C: $1s^2 2s^2 2p^2$

N: $1s^2 2s^2 2p^3$

O: $1s^2 2s^2 2p^4$

F: $1s^2 2s^2 2p^5$

Ne: $1s^2 2s^2 2p^6$

Na: $1s^2 2s^2 2p^6 3s^1$

Mg: $1s^2 2s^2 2p^6 3s^2$

Al: $1s^2 2s^2 2p^6 3s^2 3p^1$

Si: $1s^2 2s^2 2p^6 3s^2 3p^2$

P: $1s^2 2s^2 2p^6 3s^2 3p^3$

S: $1s^2 2s^2 2p^6 3s^2 3p^4$

Cl: $1s^2 2s^2 2p^6 3s^2 3p^5$

Ar: $1s^2 2s^2 2p^6 3s^2 3p^6$

K: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$

Ca: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2$

Sc: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^1$

Ti: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^2$

V: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^3$

Cr: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1 3d^5$

Mn: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^5$

Fe: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^6$

Co: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^7$

Ni: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^8$

Cu: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^1 3d^{10}$

Zn: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10}$

Ga: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^1$

Electron configurations for elements 1-36

Ge: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^2$

As: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^3$

Se: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^4$

Br: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^5$

Kr: $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6$