



| | | | | | | |
|----|--------|--------------|--------------|--------------------|--------------|--------------------|
| Ne | Z = 10 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | | |
| Na | Z = 11 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^1$ ↑ | |
| Mg | Z = 12 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | |
| Al | Z = 13 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | $3p^1$ ↑ |
| Si | Z = 14 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | $3p^2$ ↑ ↑ |
| P | Z = 15 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | $3p^3$ ↑ ↑ ↑ |
| S | Z = 16 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | $3p^4$ ↑↓ ↑ ↑ |
| Cl | Z = 17 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | $3p^5$ ↑↓ ↑↓ ↑ |
| Ar | Z = 18 | $1s^2$ ↑↓ | $2s^2$ ↑↓ | $2p^6$ ↑↓ ↑↓ ↑↓ | $3s^2$ ↑↓ | $3p^6$ ↑↓ ↑↓ ↑↓ |