

Unpaired Electrons

Element	Electron Distribution (Show Boxes)	Dot Structure	Electrons needed to be stable	Unpaired Electrons
Hydrogen		$\dot{\text{H}}$	1	1
Carbon		$\cdot\ddot{\text{C}}\cdot$	4	2
Nitrogen		$\cdot\ddot{\text{N}}\cdot$	3	3
Oxygen		$:\ddot{\text{O}}\cdot$	2	2
Fluorine		$:\ddot{\text{F}}\cdot$	1	1
Phosphorus		$\cdot\ddot{\text{P}}\cdot$	3	3
Sulfur		$:\ddot{\text{S}}\cdot$	2	2
Chlorine		$:\ddot{\text{Cl}}\cdot$	1	1