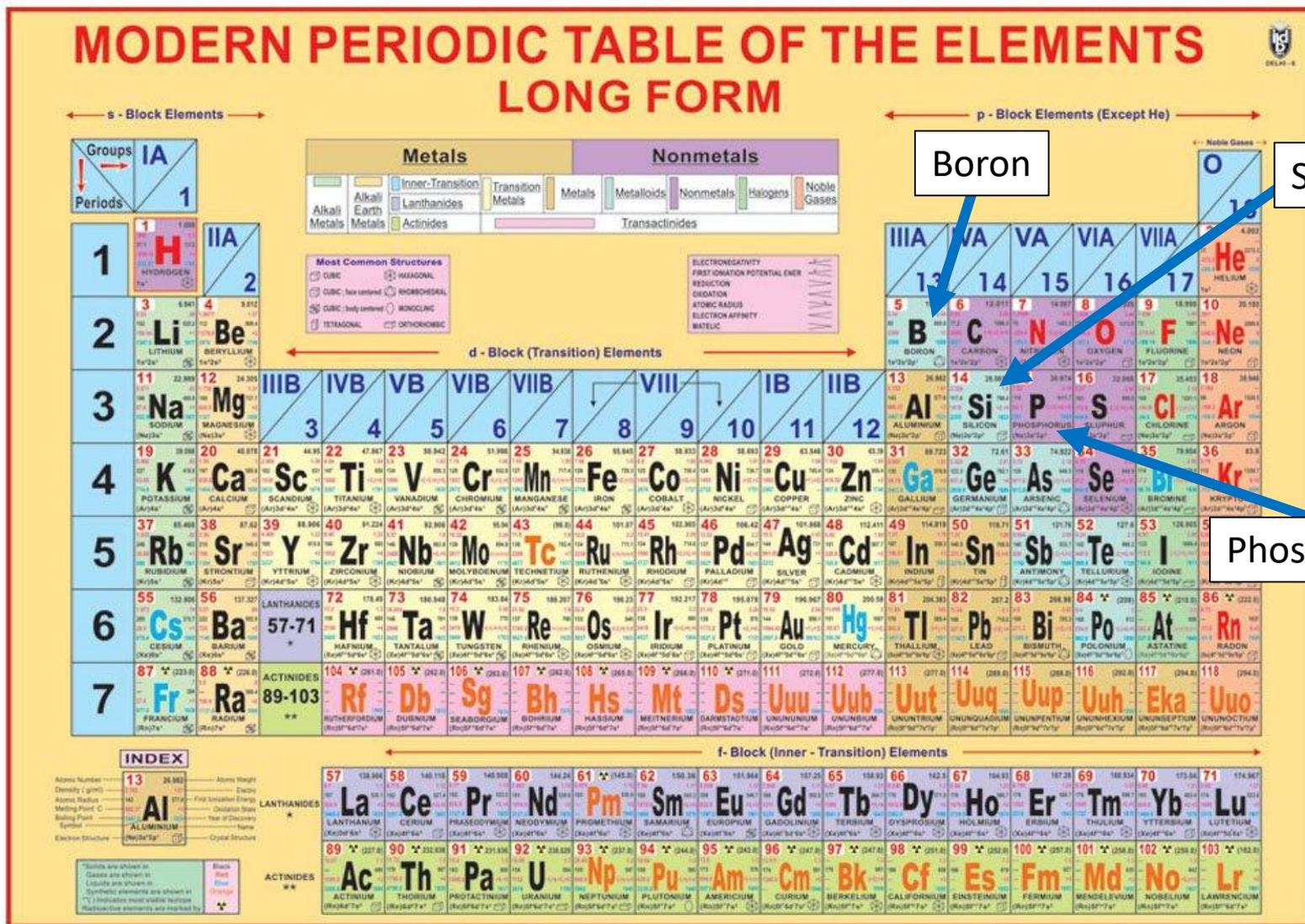


# Dopants

Last updated 2/9/19

# Dopants



Src: IBD Charts

# Dopants

- Phosphorous

Atomic Number

15

30.974

Atomic  
Weight

P

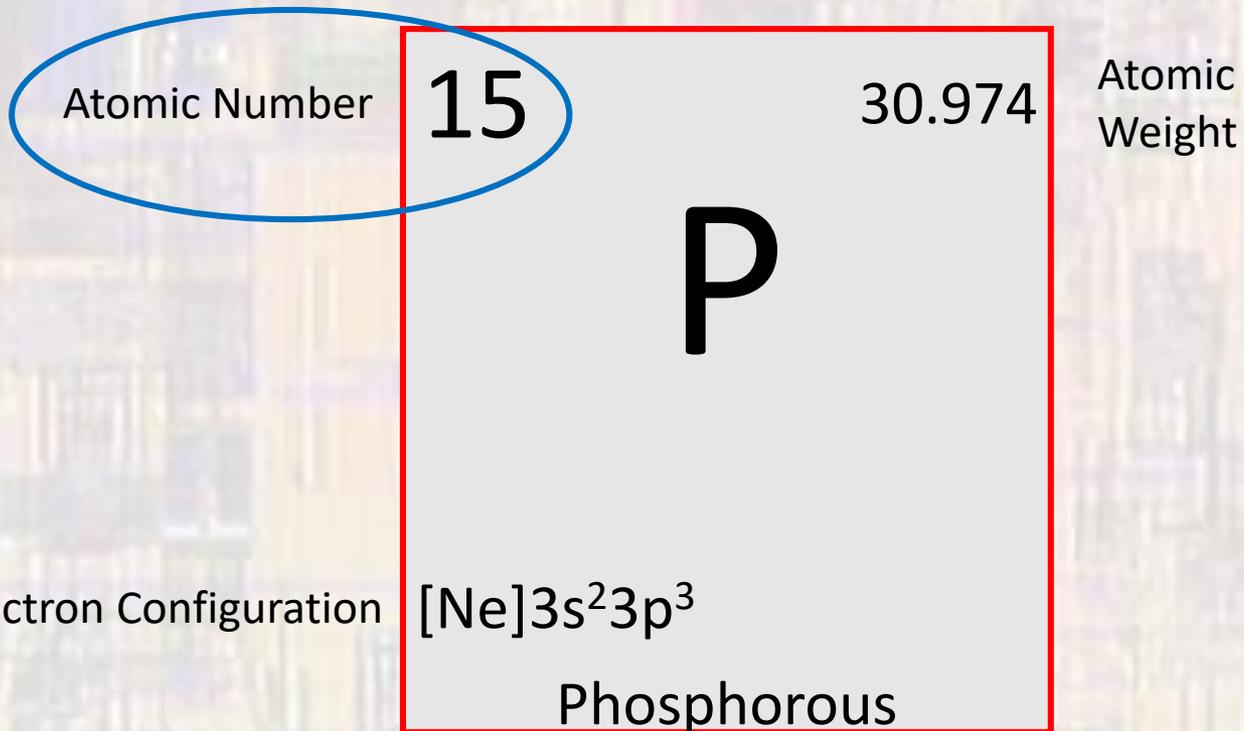
Electron Configuration

[Ne]3s<sup>2</sup>3p<sup>3</sup>

Phosphorous

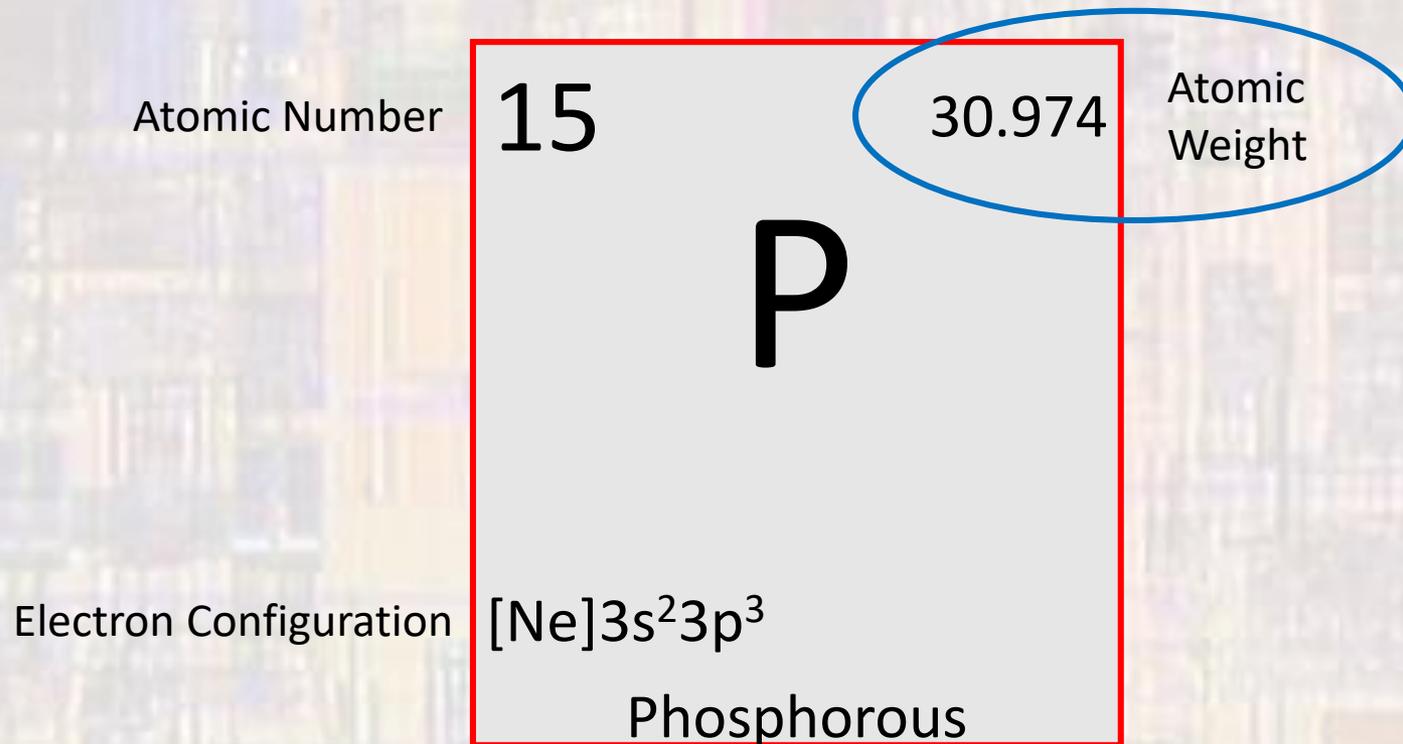
# Dopants

- Phosphorous



# Dopants

- Phosphorous



# Dopants

- Phosphorous

Atomic Number

15

30.974

Atomic  
Weight

P

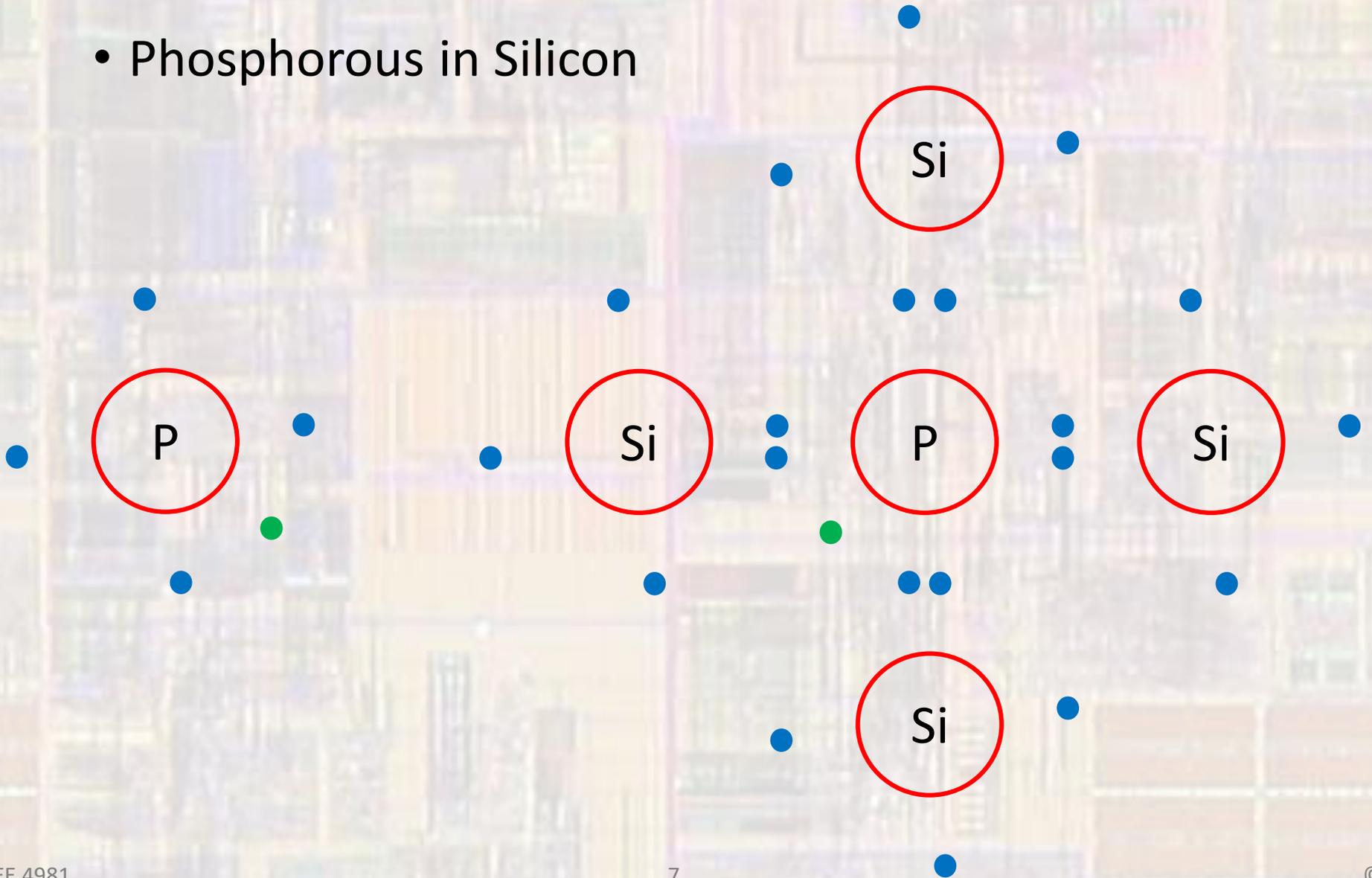
Electron Configuration

[Ne]3s<sup>2</sup>3p<sup>3</sup>

Phosphorous

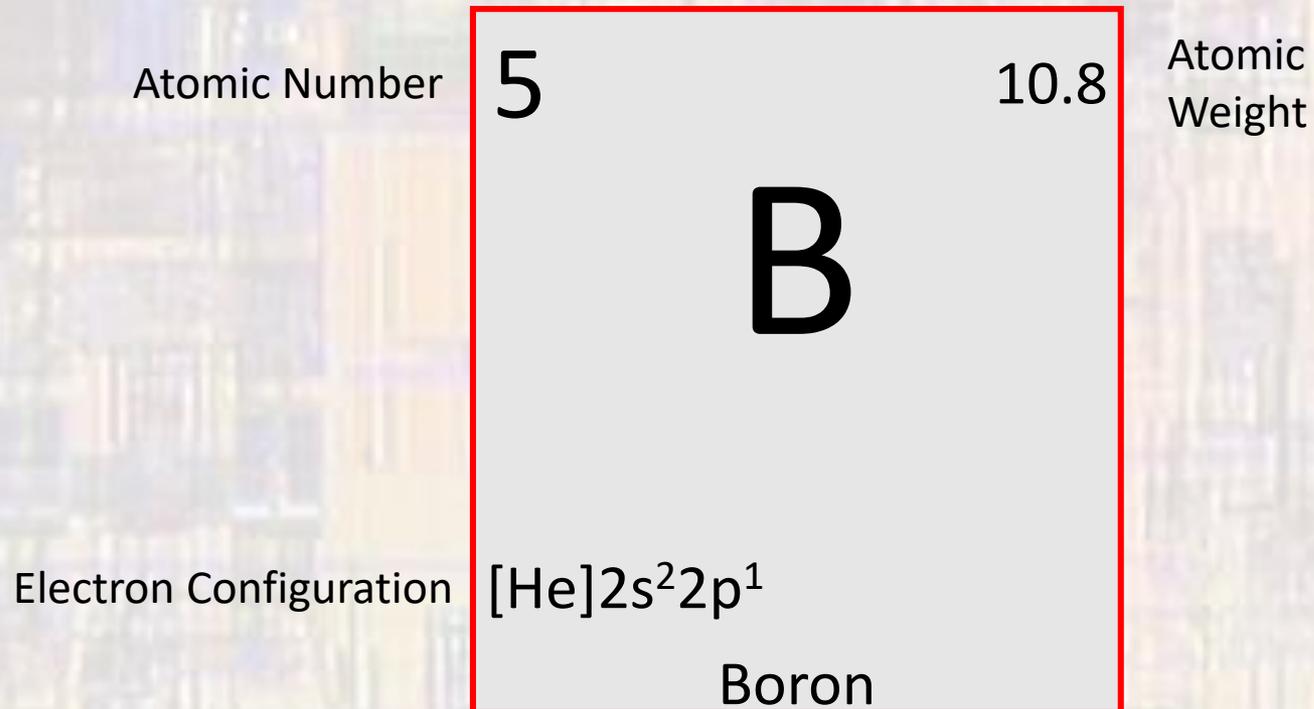
# Dopants

- Phosphorous in Silicon



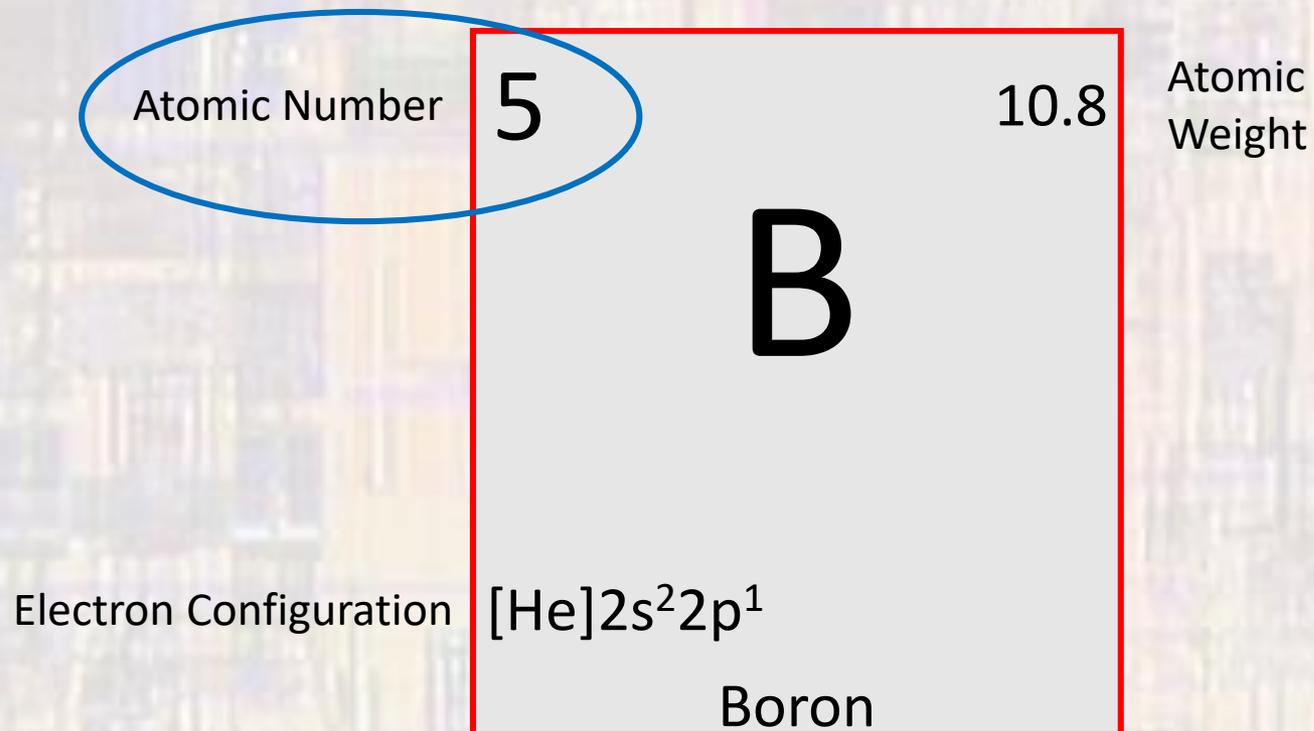
# Dopants

- Boron



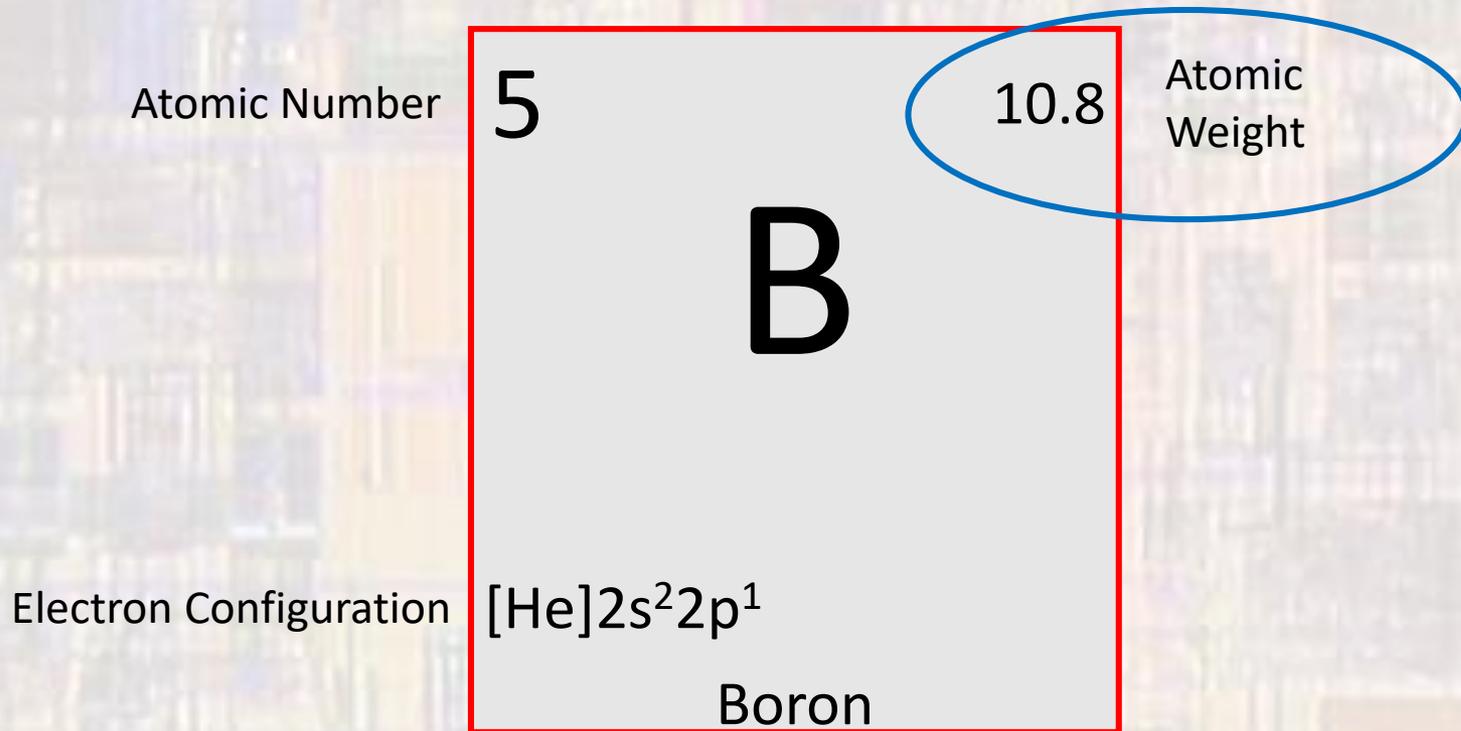
# Dopants

- Boron



# Dopants

- Boron



# Dopants

- Boron

Atomic Number

5

10.8

Atomic  
Weight

B

Electron Configuration

$[\text{He}]2s^22p^1$

Boron

# Dopants

- Boron in Silicon

