

# Microcontrollers

What can they do?





# Microcontrollers

-are small computers that can complete a specific task.

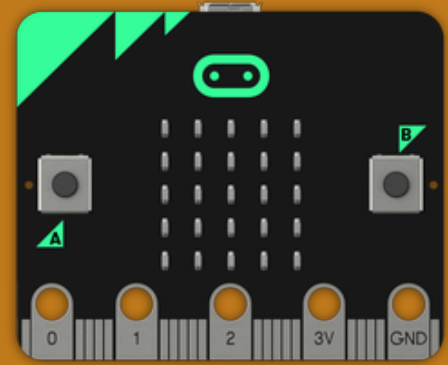
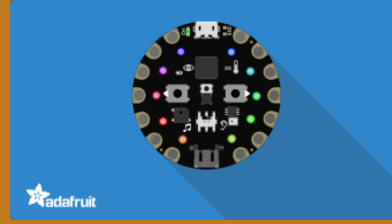
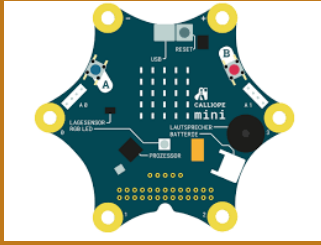




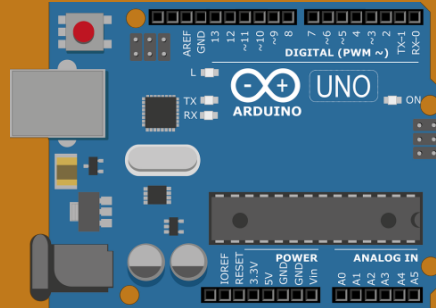
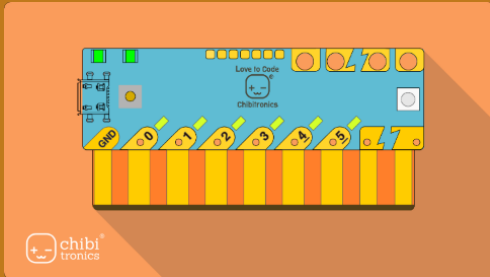
# How can they help us?

- They are easily programmed and can be used to solve a problem that can identify.







# Which microcontrollers do we have?







**No matter what controller,  
you need to learn to code.**





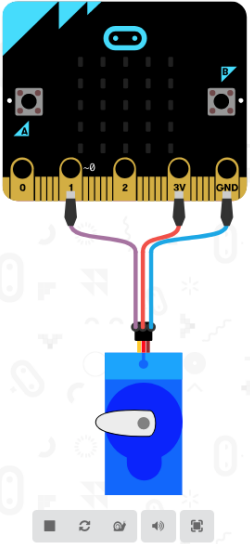
There are lots of places to  
code. Are ready for the  
challenge?





micro:bit Home Share

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```
forever
  servo write pin P1 to 0
  pause (ms) 1000
  servo write pin P1 to 180
  pause (ms) 1000
```



What “bug” are you going to  
fix?

