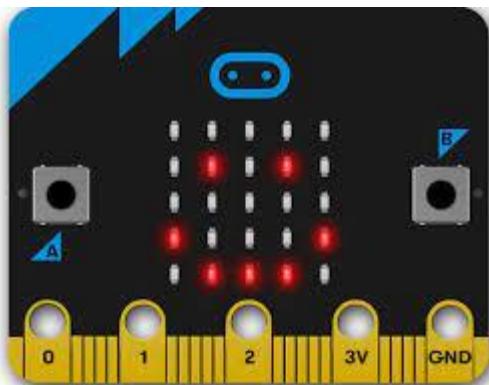


# Microbit Introduction

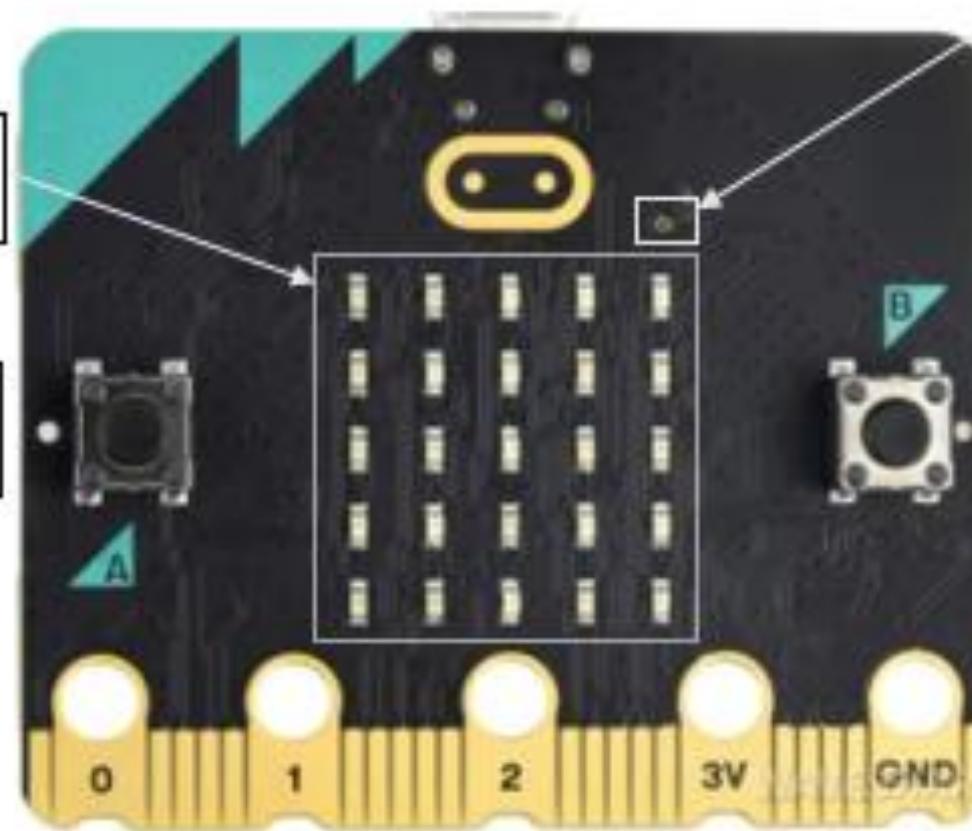
What pieces are in the Microbit?



# The Front of the Microbit

25 LEDs

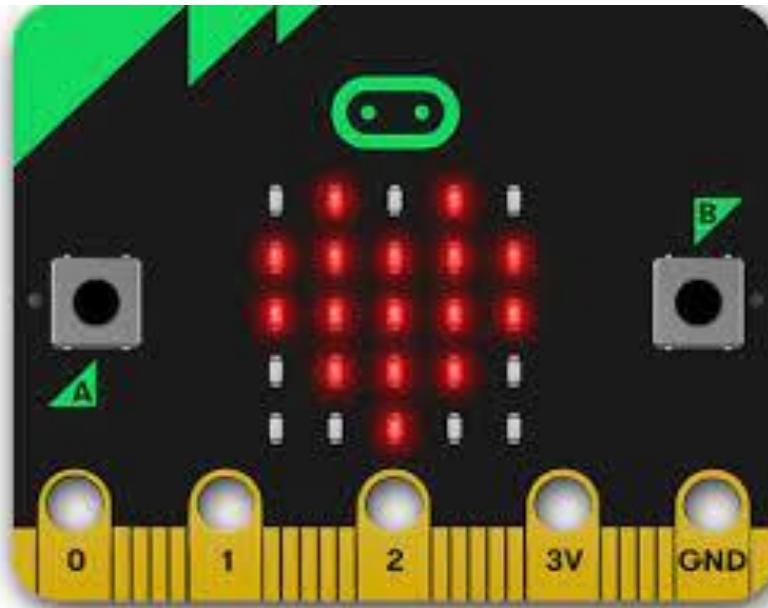
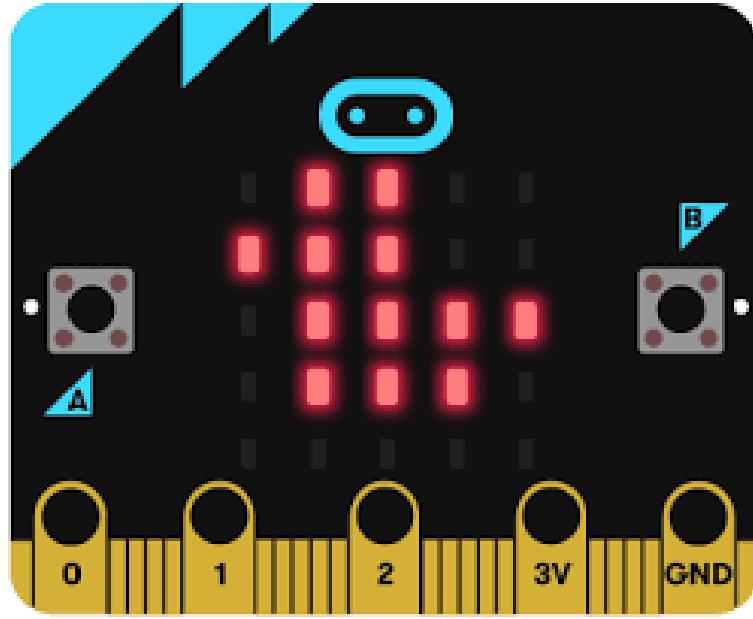
Button A



Microphone

Button B

Edge connector

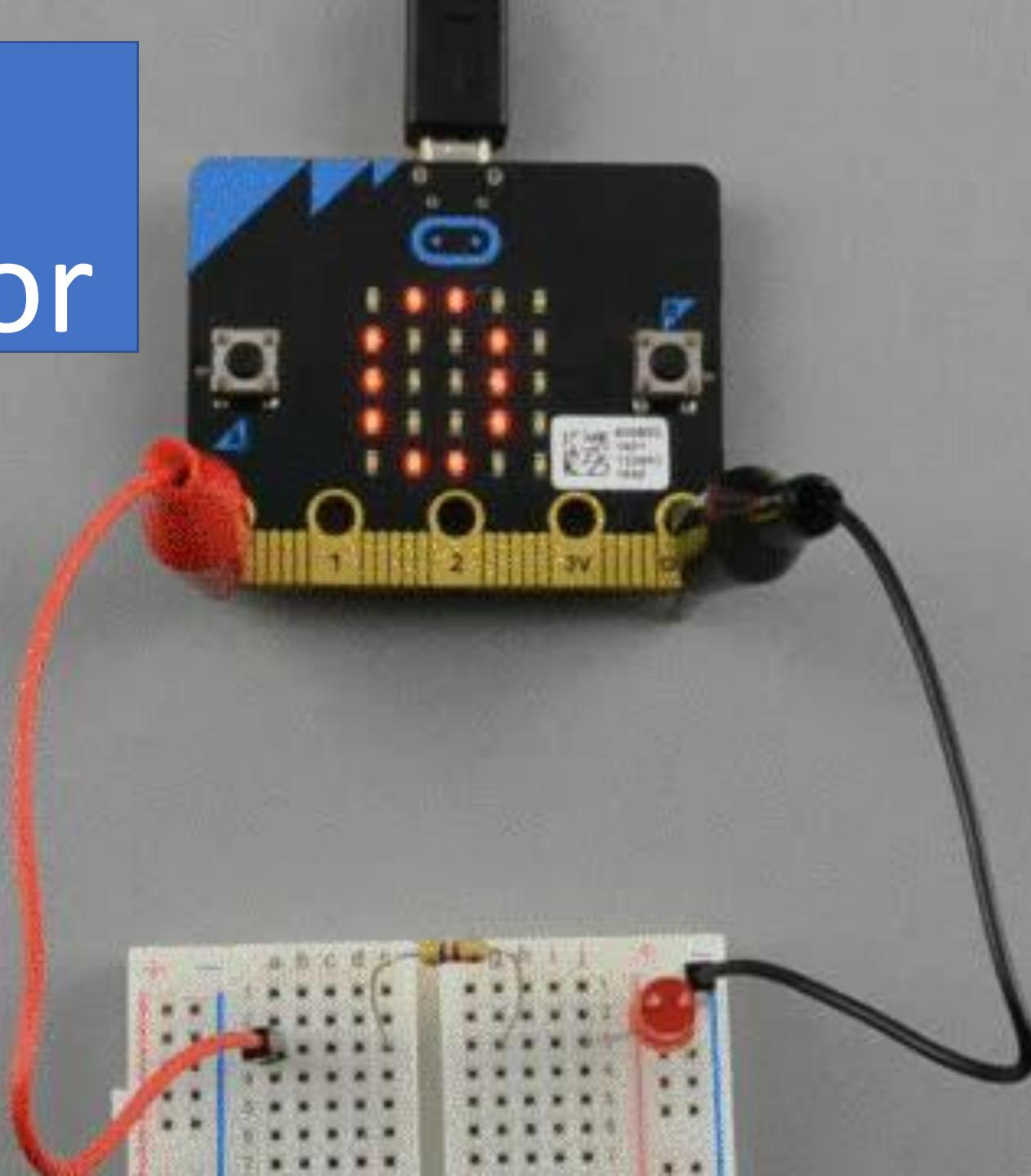


# LEDs

- Light-Emitting Diode (a light)
- An output device
- You can program them to change

# Edge Connector

- Can link into other hardware

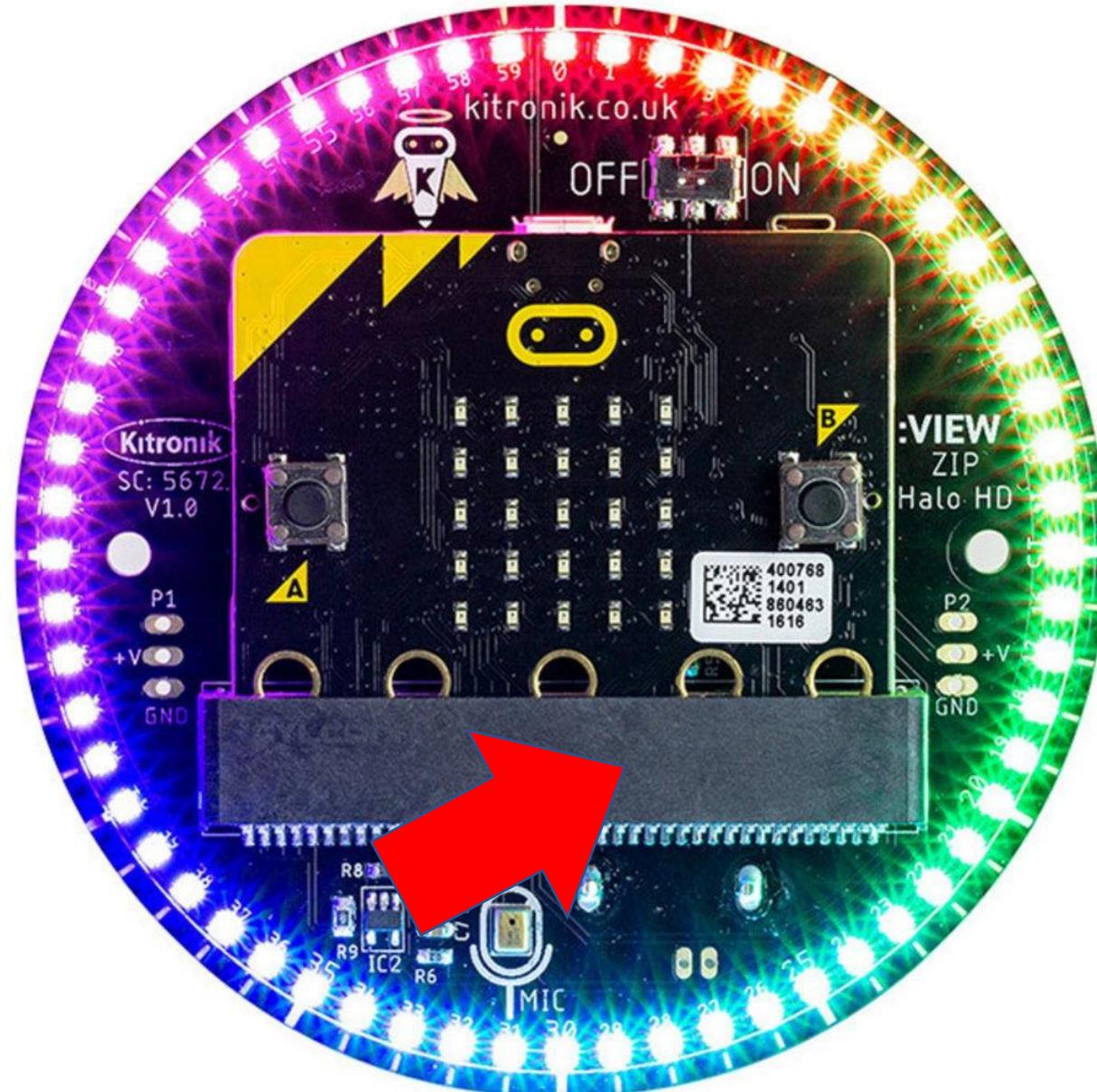


- Uses edge connector and a motor to build an automatic watering supply



# Edge Connector

- Linking into a HALO light system



# The Back of the Microbit

Radio Antenna

CPU + Memory

Speaker

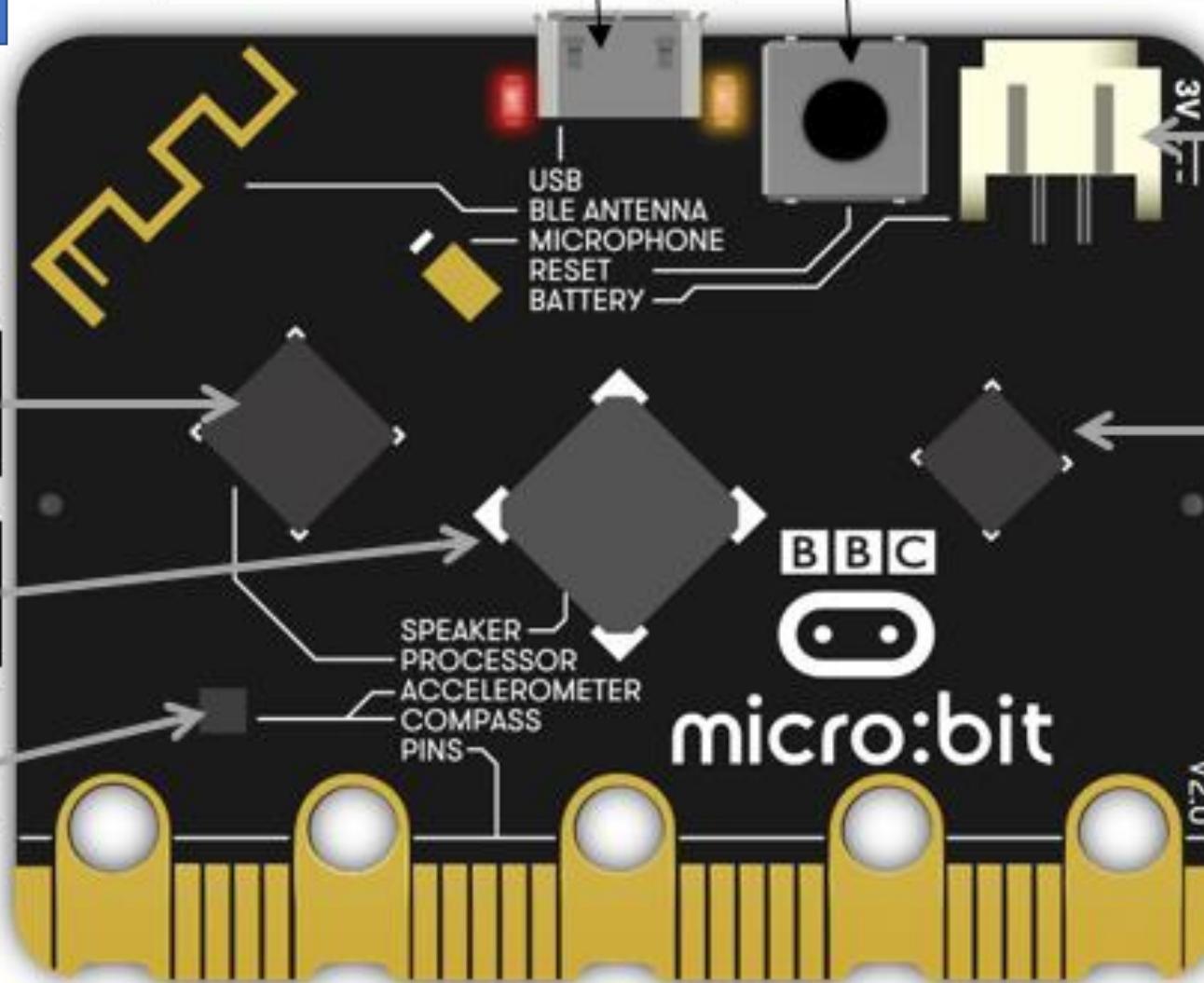
Accelerometer

USB Connector

Reset Button

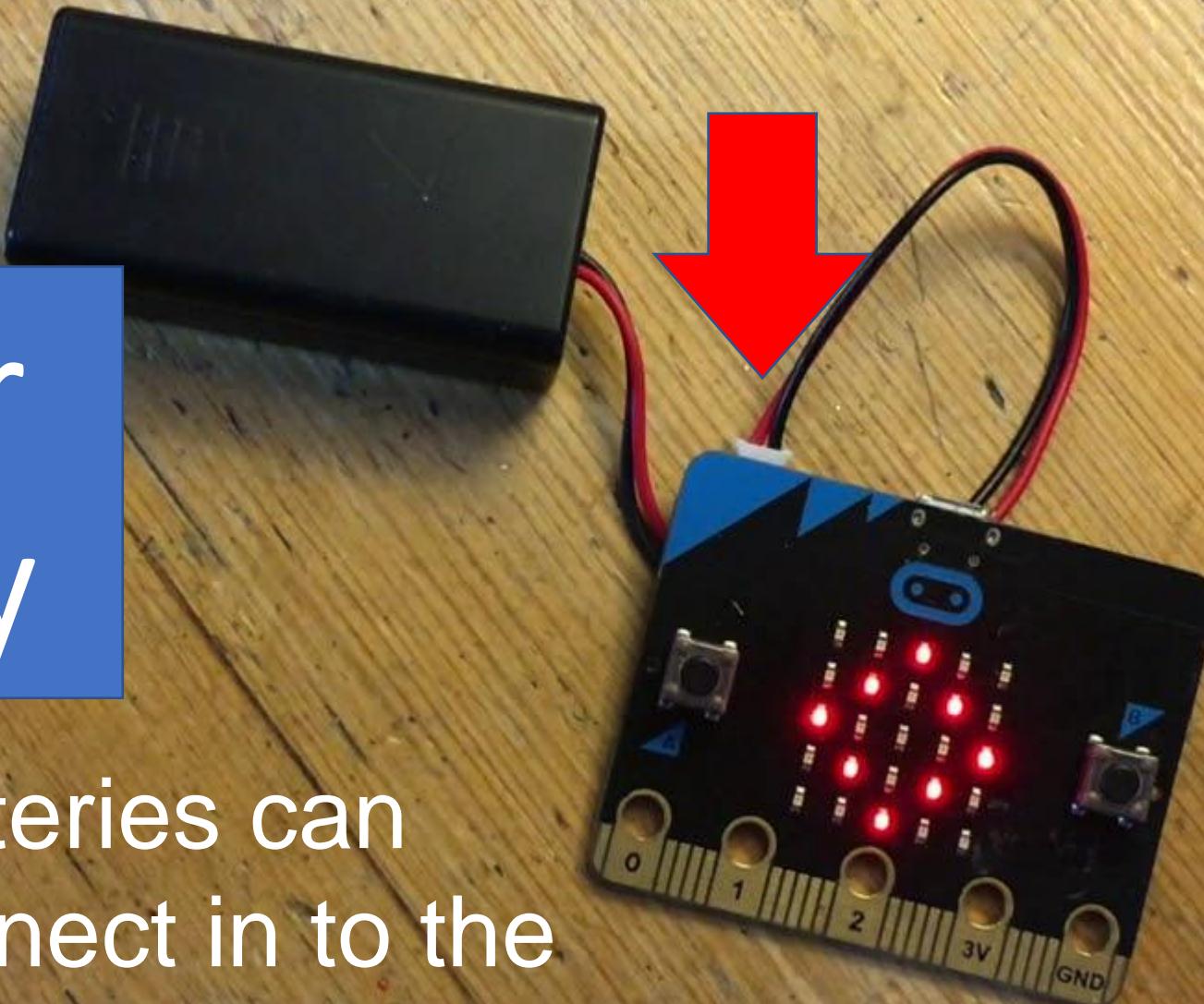
Power Supply

USB Processing  
chip



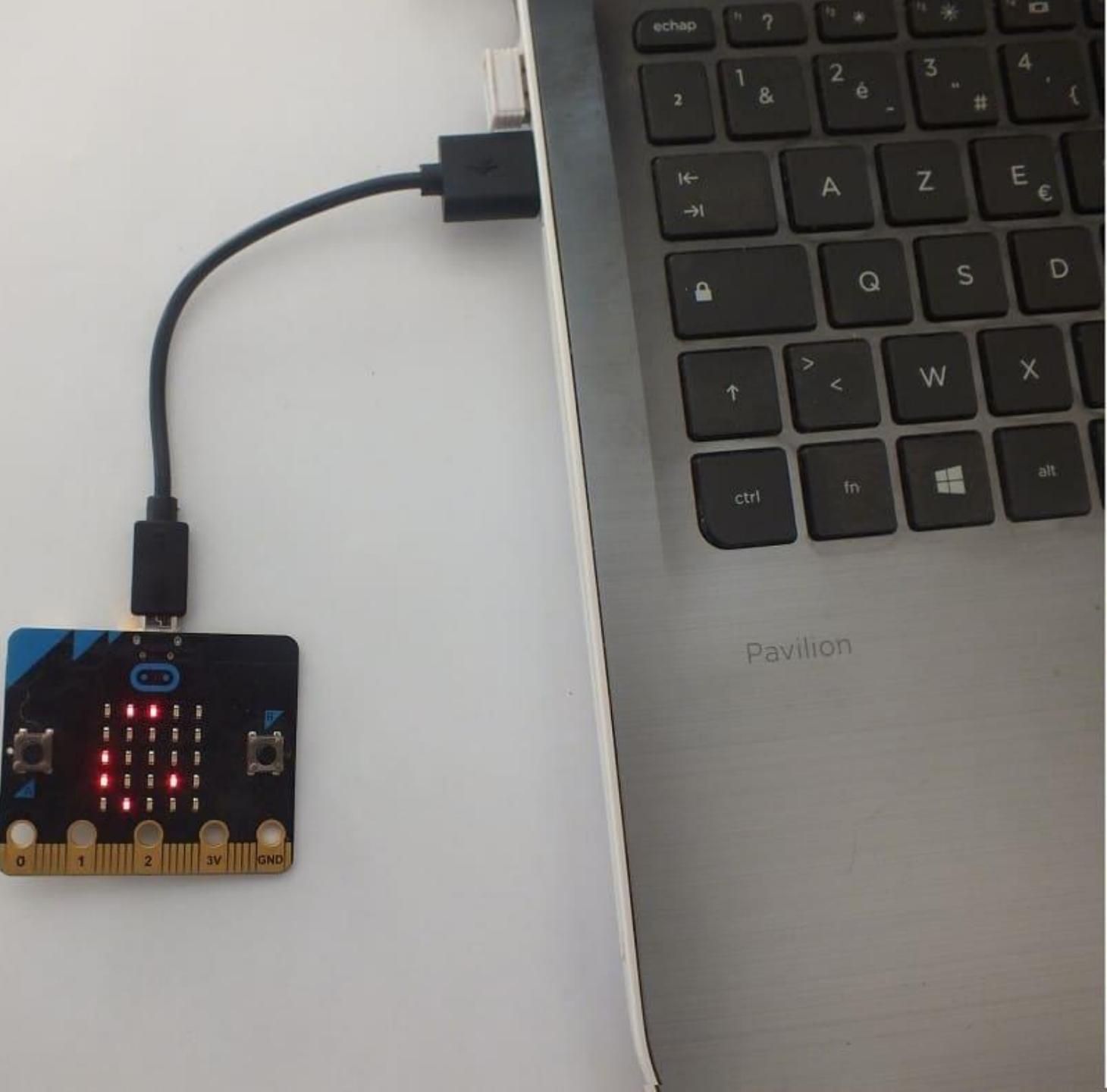
# Power Supply

- Batteries can connect in to the Microbit

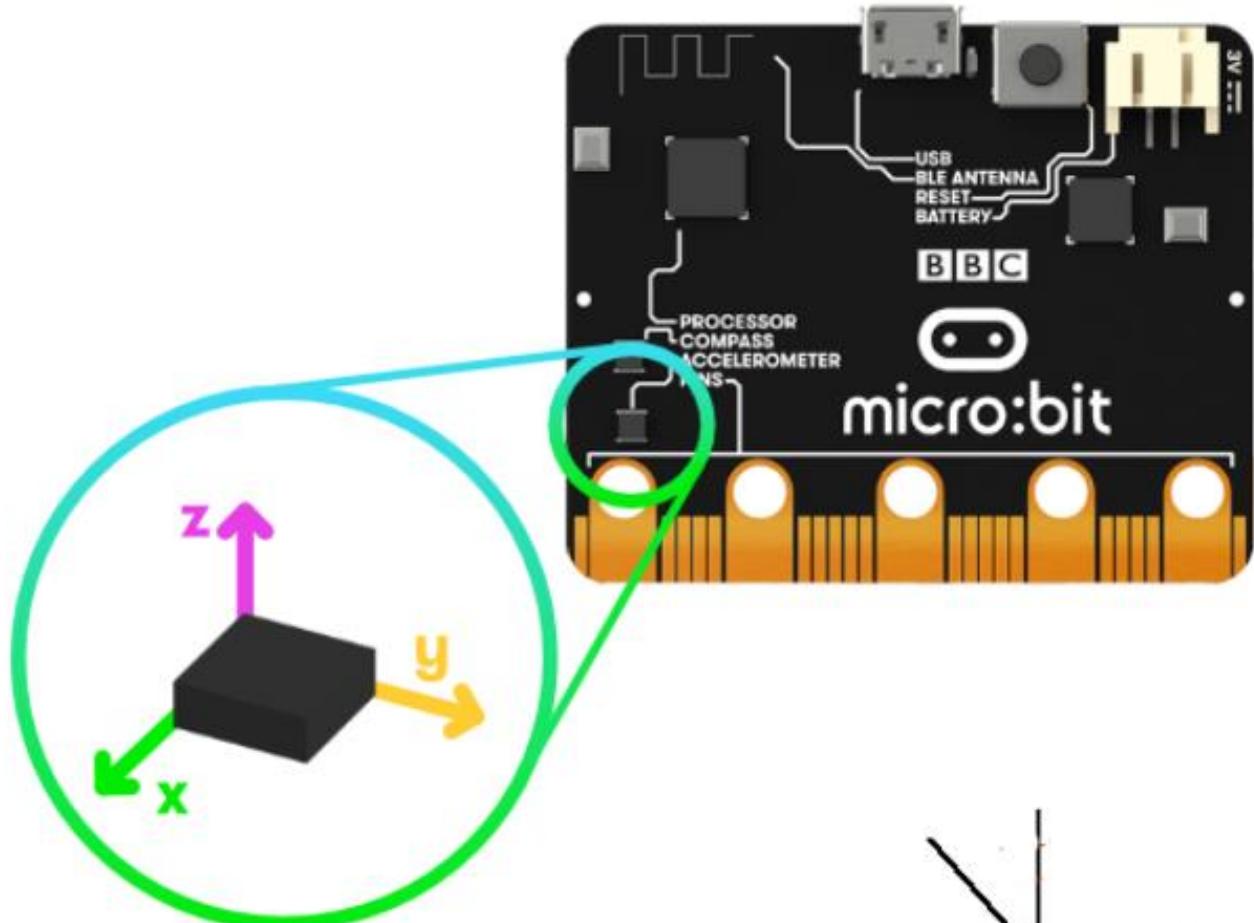


# USB connector

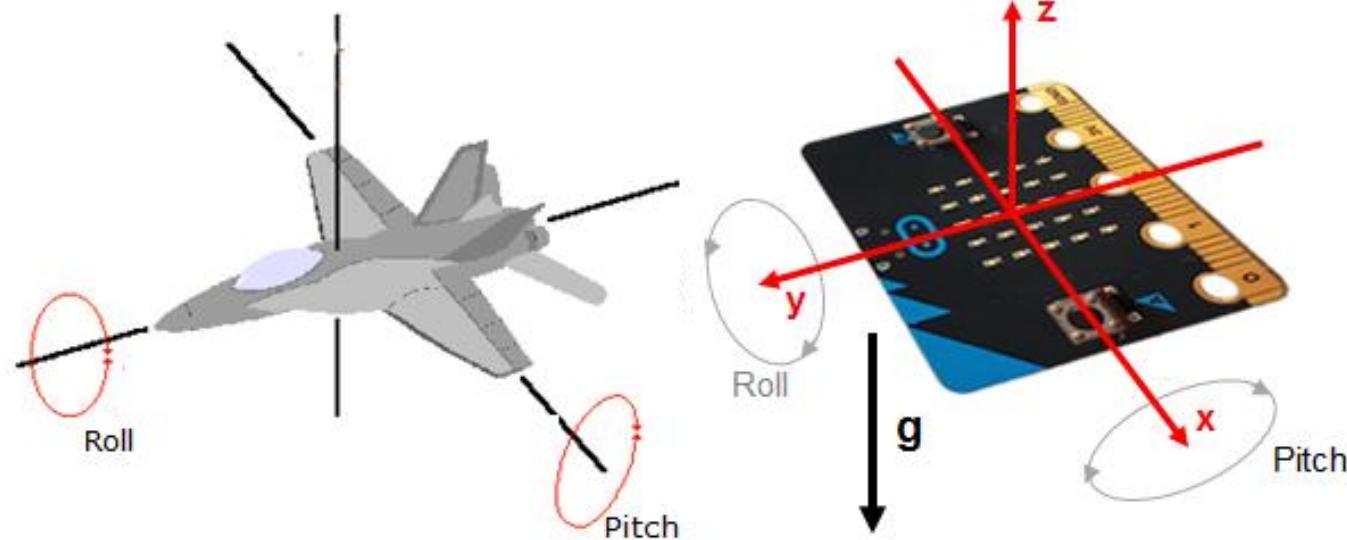
- How we connect to the computer to move our programs.



# Accelerometer



- Tells if and how the Microbit moved
- An Input Device



# Microbit Motorbike simulator

- built using the accelerometer



# CPU

- Central Processing Unit
- Also called the chip or processor
- Brain of the computer

