

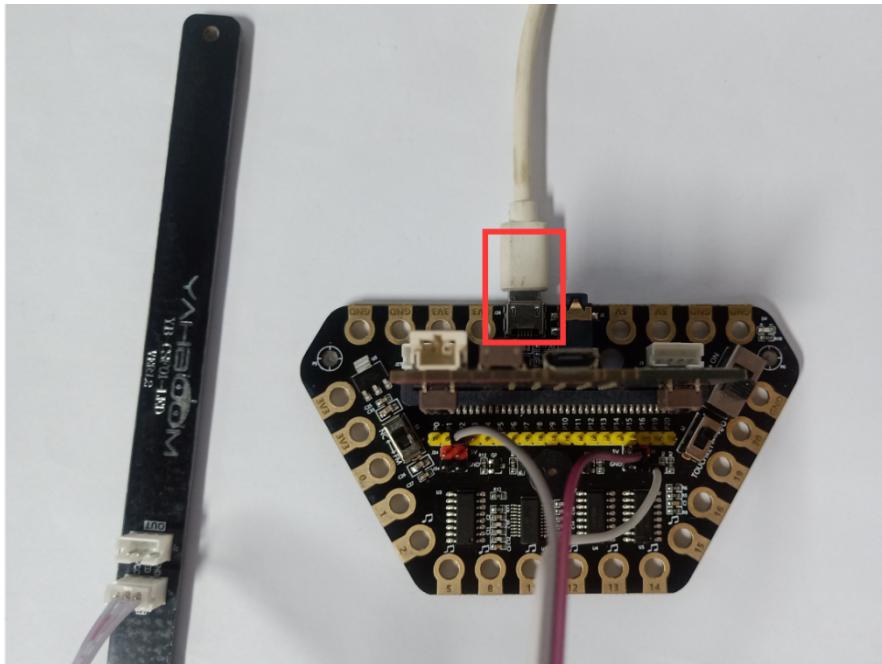
## Light up all RGB

**! Note:**

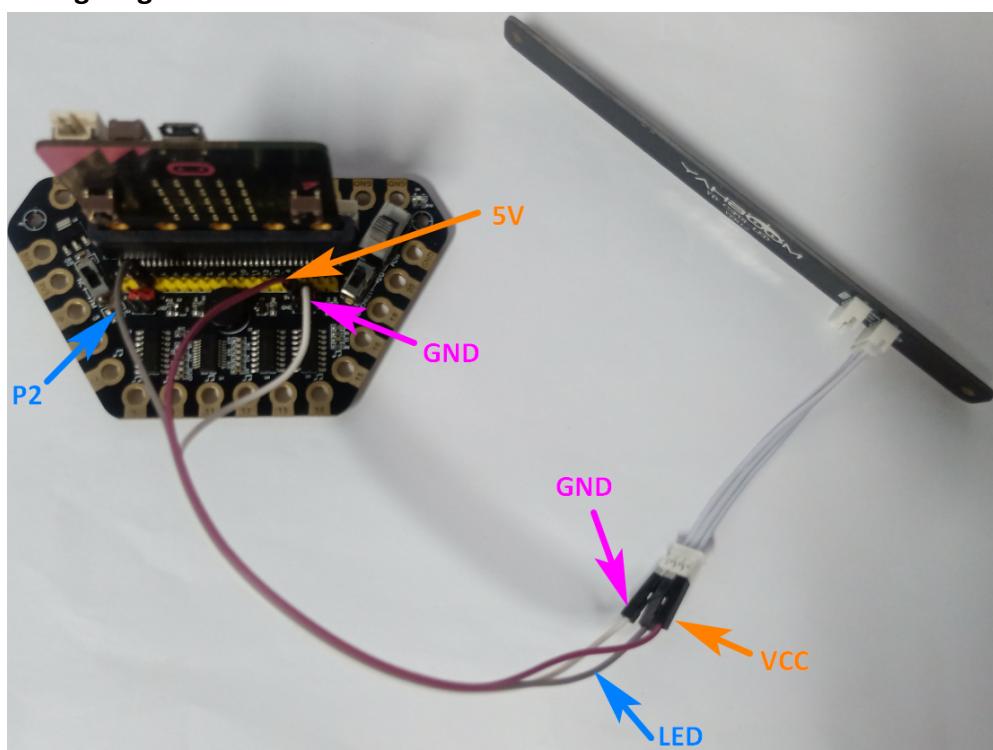
When performing this experiment, the current consumed is large.

We recommend plugging the USB data cable into the micro:bit expansion board to power supply the light bar and the micro:bit board. As shown below:

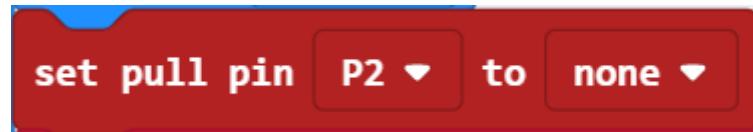
If the USB data is directly plugged into the micro:bit board for power supply, it will affect the effect, such as color saturation of RGB lamp is reduced.



The wiring diagram is as follows:



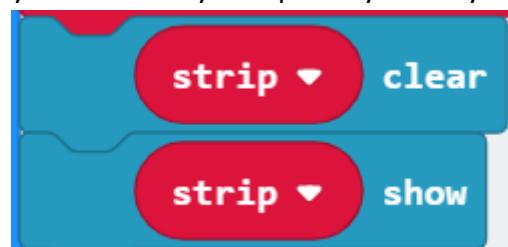
Program analysis:



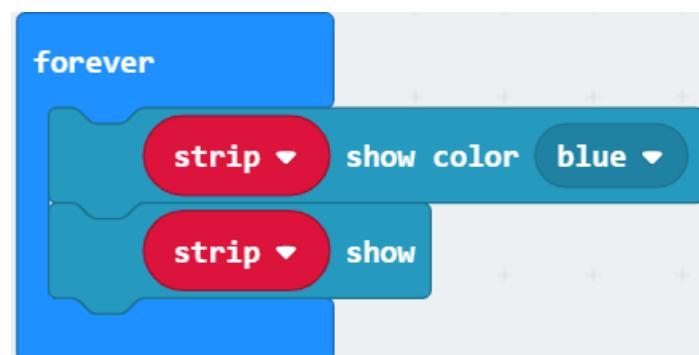
It means that RGB bar connects to P2 of micro:bit.



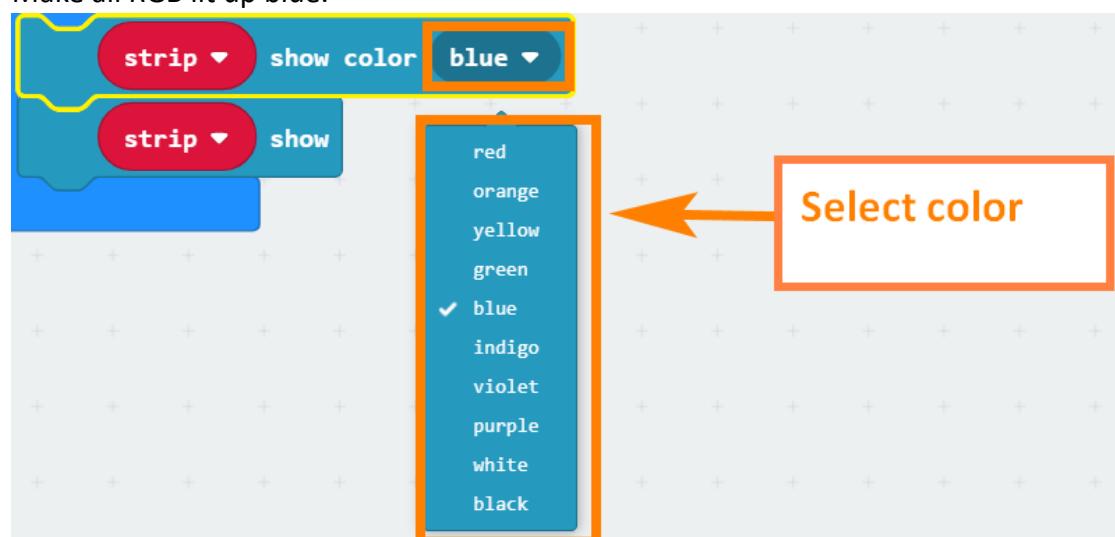
There are a total of 5 RGB lights on the RGB bar. If you have cascaded other RGB bars, you can modify the quantity directly here.



Turn off all RGB.



Make all RGB lit up blue.



#### Experimental phenomena:

After the program download is complete, we can see that all RGB light on the RGB bar are lit blue.

