

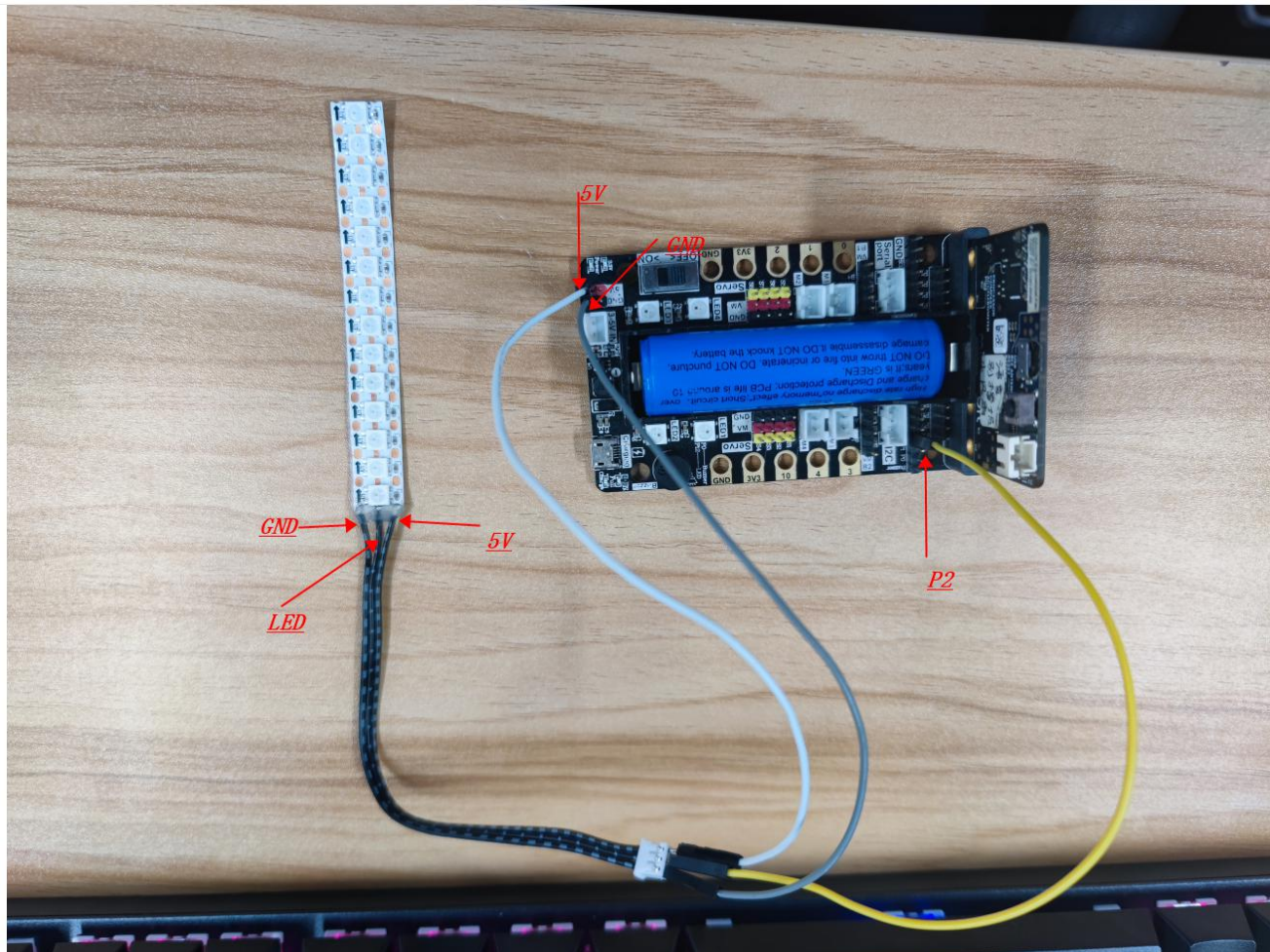
1. About wiring

RGB Bar Expansion board

VCC-----5V

GND-----GND

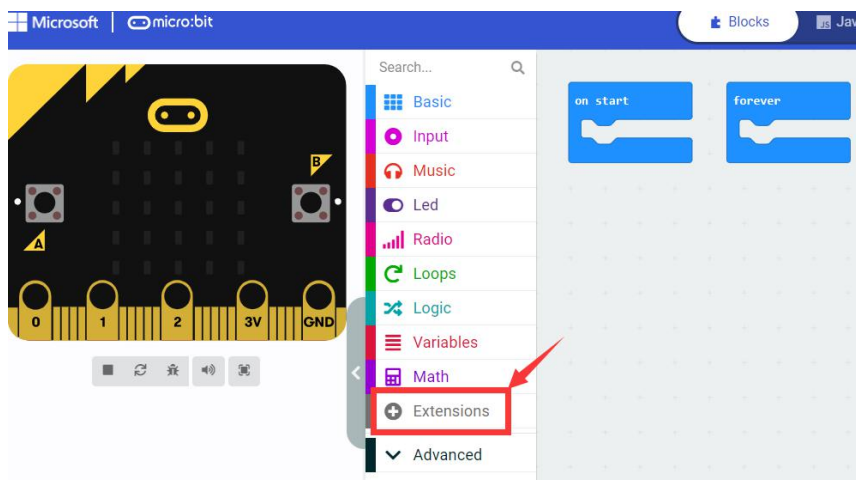
LED -----P2



2. Add expansion pack

We need to add the "neopixel" extension.

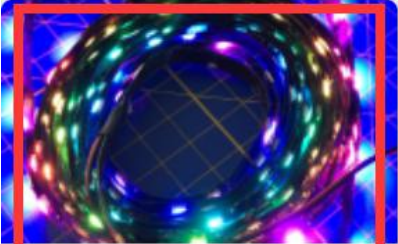
Click "Extension"--->Input "neopixel"--->Enter--->Click "neopixel"



Extensions


neopixel

Lights and DisplaySoftwareScienceRobotics




neopixel
A Neo-Pixel package for pxt-microbit

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ws2812b
A driver for WS2812B LEDs in MakeCode


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ringbitcar
ElecFreaks motor:bit package for ring:bit car (瑞比特)


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 Basic


 Input


 Music


 Led


 Radio


 Loops


 Logic


 Variables


 Math


 Neopixel


 more

 Extensions

 Advanced

 Functions

 Arrays

 Text

Neopixel

set strip to NeoPixel at pin P0 with 24 leds as RGB (GRB format)

set range to strip range from 0 with 4 leds

strip show rainbow from 1 to 360

strip show color red

strip show bar graph of 0 up to 255

strip show

strip clear

hue 0 saturation 0 luminosity 0

strip shift pixels by 1

strip rotate pixels by 1

