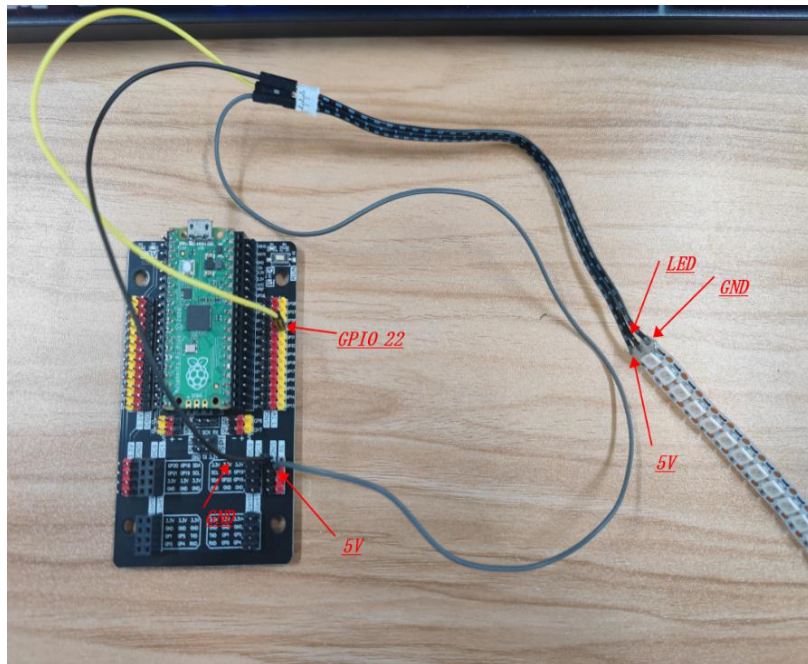


## 1. Wiring and Testing

PICO board	expansion	LED bar
5v		VCC
GND		GND
GPIO22		LED

### Wiring diagram



## 2. Test

1. Open the routine "light\_strip\_14.py" file we provided with Thonny software  
Then release the comment before the function that needs to be tested and run it

For example: I am testing the breathing light here, just delete the "#" before the breathing light function. If you need to run other functions, you can re-comment the breathing light with "#", and then delete the "#" before other function calls.

```
light_strip_14.py
120
121 #Breathing
122 #呼吸灯, 传入颜色参数 r, g, b
123 def breathing(color):
124     global brightness
125     automatic = 1
126     conut = 0
127     color_chase(color, 0.01)
128     while True:
129         conut = conut + automatic
130         brightness = conut/255
131         pixels.show()
132         if conut <= 0 or conut >= 255:
133             automatic = -automatic
134         time.sleep_ms(50)
135
136
137
138 try:
139     #one_light()
140     #all_light()
141     #color_light()
142     #water_light()
143     #marquee()
144     breathing(CYAN)
145 except Exception as err:
146     pass
147
148
149
150
151
152
153
```