

The Pico has 4 ADC Channels.

ADC0, ADC1, and ADC2 can be connected with GP26, GP27 & GP28 pins respectively

ADC4 is connected to its internal temperature sensor.

To test your MH Photoresistor sensor, connect it to the Pico as follows:

**VCC to 3.3V**

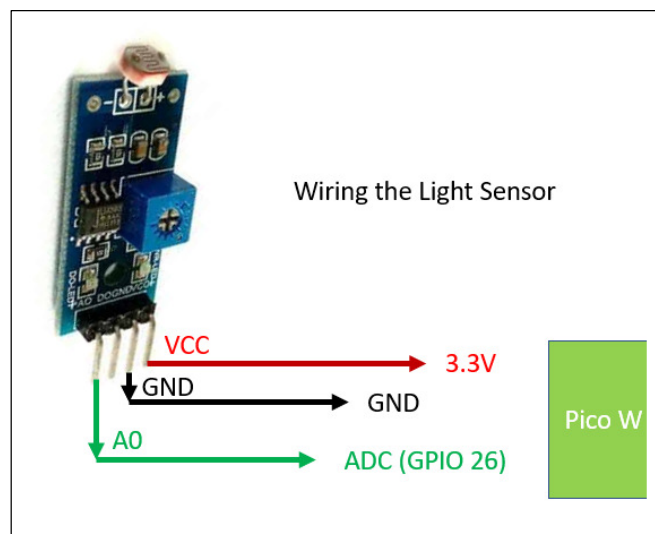
**GND to any of the Ground Pins**

**AO to Pin(26)**

**The following code will give you the readings from the photoresistor**

```
from machine import ADC, Pin
import time
lightsensor = ADC(Pin(26))

while True:
    light = lightsensor.read_u16()
    print(light)
    time.sleep(.1)
```



Vary the light falling on the photoresistor  and see the light value changes.

You can also see the graphical representation of the light values in a plotter by turning Thonny's plotter on.

Go to View, And check Plotter as shown in the image.

