

Tutorial 3 – Timer Interrupt

Aim

This tutorial will show some timer related functionalities that are useful to read sensor data periodically.

Timer Interrupt

Timer is extremely useful if you want to trigger a task at a specific time or repeat a task at a specific interval. The following example code shows how to use the Timer 1 to trigger the callback function every second:

```
from machine import Timer
import time

def mycallback(t):
    print("hello")

tim = Timer(1, period=1000000, mode=Timer.PERIODIC, callback=mycallback)
tim.start()
```

You may type “help(Timer)” to get more information from the MicroPython prompts.

Conclusion

This tutorial shows how to configure the timer interrupt.