
MicroPython AM2320 Library Documentation

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Contents

1	<i>am2320</i> module	3
1.1	AM2320	3
2	Usage Examples	5
3	Indices and tables	7
	Python Module Index	9

Contents:

AM2320

class `am2320.AM2320` (`i2c`[, `address`])

The basic class for handling the communication with the sensor.

The `i2c` parameter is an initialized I²C bus, and the optional address specifies which sensor to connect to, if you have more than one and have changed their addresses with the `Addr` pin.

temperature ()

Get the temperature in Celcius

humidity ()

Get the relative humidity as a percentage

Usage Examples

Connect your sensor in following way:

- vin 3V
- sda gpio4
- gnd gnd
- scl gpio5

Now, to make basic measurement:

```
import am2320
from machine import I2C, Pin
i2c = I2C(scl=Pin(5), sda=Pin(4))
sensor = am2320.AM2320(i2c)
sensor.measure()
print(sensor.temperature())
print(sensor.humidity())
```

To perform continuous measurement:

```
import time
while True:
    sensor.measure()
    print(sensor.temperature())
    print(sensor.humidity())
    time.sleep_ms(4000)
```


CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`

a

am2320, 3

A

AM2320 (class in am2320), 3
am2320 (module), 3

H

humidity() (am2320.AM2320 method), 3

T

temperature() (am2320.AM2320 method), 3