

Find Pico MAC Address

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Introduction

When dealing with Wifi networks, or networks in general, especially if your WIFI has MAC Address filtering enabled, you will need the MAC Address of your Pico(s).

A MAC Address is a 6 part address that looks like so:

- 88:a2:9e:01:49:57

The first three numbers are to identify the manufacturer, the last 3 numbers are for the ID of the device. In a layer 3 network (most networks now) we generally use the IP Address of the device, but in purely Layer 2 networks then the MAC addresses are used.

Getting the Pico MAC Address

As with most things Pico/Network we need a Python script. See an example below:

[| download](#)

```
import network
import ubinascii

wlan = network.WLAN(network.STA_IF)
wlan.active(True)

print(ubinascii.hexlify(wlan.config('mac'), ':').decode())
```

Save the above code to your Pico as `find-mac-address.py`

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