

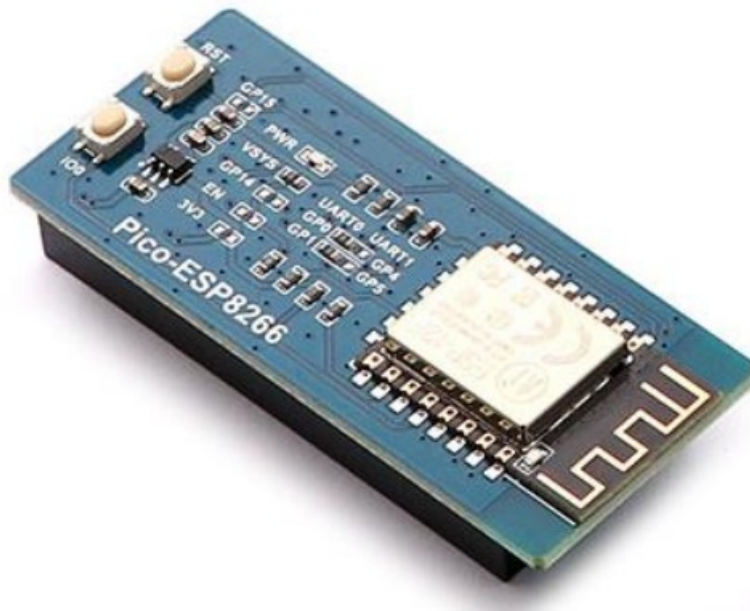


WAVESHARE ESP8266 WiFi Module for Raspberry Pi Pico User Manual

[Home](#) » [WAVESHARE](#) » WAVESHARE ESP8266 WiFi Module for Raspberry Pi Pico User Manual 

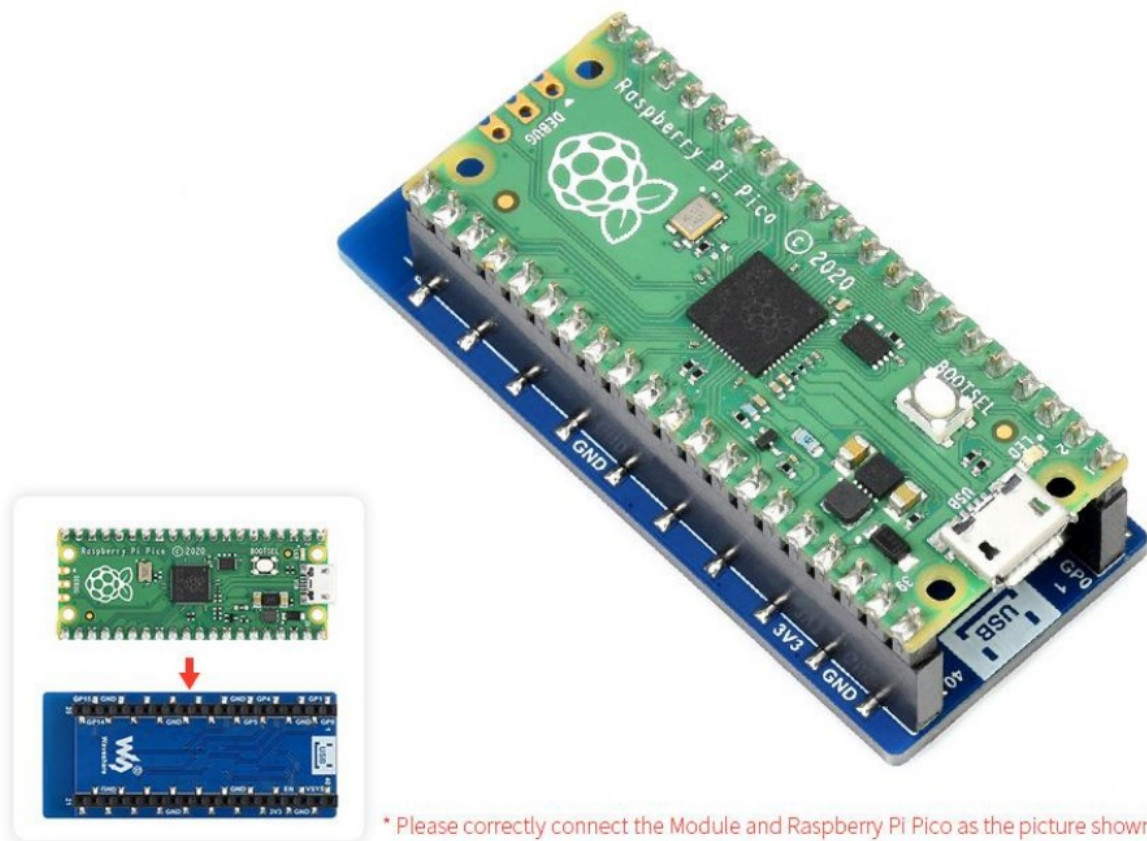


ESP8266 WiFi Module for Raspberry Pi Pico User Manual



Raspberry Pi Pico Header Compatibility:

Onboard Female Pin Header For Direct Attaching To Raspberry Pi Pico



Contents

- 1 What's on Board:
- 2 Pinout Definition:
- 3 Documents / Resources
- 4 Related Posts

What's on Board:

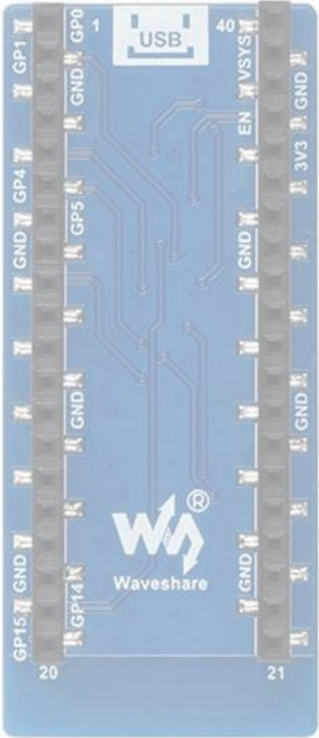


1. ESP8266 module

- 2. **The ESP8266 reset button** connects to the ESP8266 reset pin
- 3. **ESP8266 BOOT button**
connects to ESP8266 GPIO 0, press to enter awaiting download mode while resetting
- 4. **SPX3819M5**
3.3V linear regulator

Pinout Definition:

GP0	1
GP1	2
GND	3
GP2	4
GP3	5
GP4	6
GP5	7
GND	8
GP6	9
GP7	10
GP8	11
GP9	12
GND	13
GP10	14
GP11	15
GP12	16
GP13	17
GND	18
GP14	19
GP15	20



40	VBUS
39	VSYS
38	GND
37	3V3_EN
36	3V3(OUT)
35	ADC_VREF
34	GP28
33	GND
32	GP27
31	GP26
30	RUN
29	GP22
28	GND
27	GP21
26	GP20
25	GP19
24	GP18
23	GND
22	GP17
21	GP16

VSYS	5V power supply	
GND	Ground	
GP0	TXD 0	UART TX
GP1	RXD 0	UART RX

Documents / Resources



[WAVESHARE ESP8266 WiFi Module for Raspberry Pi Pico](#) [pdf] User Manual
ESP8266, WiFi Module for Raspberry Pi Pico, ESP8266 WiFi Module for Raspberry Pi Pico