

Feature	Raspberry Pi Pico W	Arduino Uno
Microcontroller	Rp2040	ATmega328P
Architecture	Arm cortex-m0+	AVR
Clock Speed	133MHz	16hz
Flash Memory	2Mb	32kb
SRAM	264Kb	2kb
GPIO Pins	26	14
Analog Inputs	3	6
Digital Interfaces	I2c,spi,uart	I2c,spi,uart
Wireless Support	yes	no
Operating Voltage	3.3v	5v
Programming Language	micropython,c++	Arduino Ide
Development Environment	Thonny IDE ,Vs code	arduino Ide

ESP32
ESP32
XtensaLx6
80Mhz
4mb
520kb
36
18
I2C,Spi,Uart
yes [wifi]
3.3v
arduino ide
Esp-IDF