



github Main Board WiFi Bluetooth User Manual

[Home](#) » [github](#) » github Main Board WiFi Bluetooth User Manual

Contents [[hide](#)]

- [1 XC3800 ESP32 Main Board with WiFi and Bluetooth](#)
 - [1.1 Arduino](#)
 - [1.2 MicroPython](#)
- [2 Documents / Resources](#)
 - [2.1 References](#)
- [3 Related Posts](#)

XC3800 ESP32 Main Board with WiFi and Bluetooth

The ESP32 is a powerful dual core microcontroller featuring WiFi and Bluetooth, and thanks to the efforts of the Arduino community, is able to be programmed with the Arduino IDE through the ESP32 addon. It has 512kB of RAM, 4MB of flash memory and heaps of IO pins with features like 12bit ADC, 8-bit DAC, I2S, I2C, touch sensor and SPI. This is the next step up if a standard AVR based Arduino isn't powerful enough to do what you need. Bluetooth support is still in development, so there aren't many Bluetooth features available beyond creating beacons.

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