

Road Map

ESP32 interfacing with rosserial and Arduino platform

Using ESP32 with Arduino IDE

This [link](#) provides detailed instructions for adding the ESP32 board to the Arduino IDE, how to flash code onto ESP32 boards using Arduino IDE, and how to use the ESP32 WiFi functionality.

Rosserial for ESP32 with WiFi connection

This [link](#) provides installation instructions for esp8266 – rosserial library for esp boards.

Example code is provided as well alongside how to run the rosserial node.

Note that if you are to use the given example, change the **ESP8266WiFi.h** header file to **Wifi.h** (This code was originally written for ESP8266 not ESP32).

ESP32 interrupts using Arduino platform

This [link](#) provides detailed instructions for using interrupts on the ESP32 boards with the Arduino platform, as well as an example.