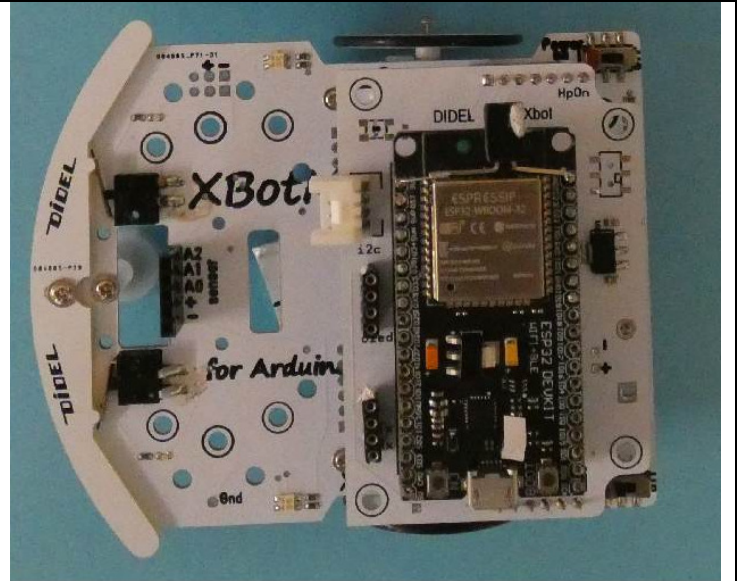
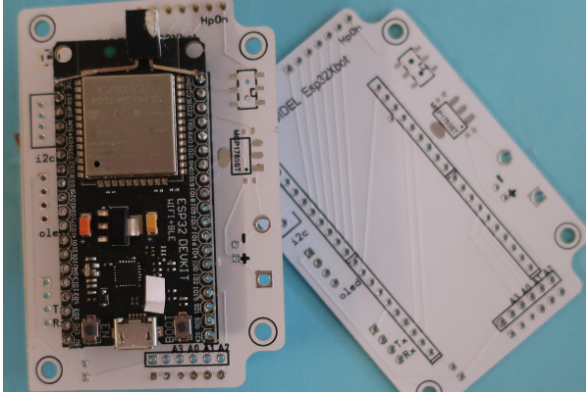




ESP32EXbot adapter

The ESPXbot is a simple board that fit on an Xbot robot base. ESP32 signals controls the motors, the whiskers, and the 3 sensor lines. A Grove I2C connector and an OLED SSD1306 connector are available.



This board is a preproduction item to be handed to teachers having experience in Arduino and ESP32 softwares. Production board will include more connectors or sensors, strip of leds, etc, according to pedagogical objectives and potential users.

Xbot pins assignement for ESP32



Arduino software

As an example of simple soft adaptation, we adaptes the blink and Apa102 strip program just replacing the pin number within an Arduino program that was using digitalWrites.

