

# Drone Technology

Welcome to Drone Technology Course!

- ESP32-WROOM-32E
- ICM-20948
- CP2102N
- LP3961EMP-3.3V
- PAA3905E1-Q to be used with PixArt's L242-ZSZ1 lens
- BMP280
- VL53L1CB

## ESP Drone Reference Designs

### Espressif Reference Design

The Espressif reference design is based on ESP32 Wrover

-  [Espressif ESP Drone web site](#)
-  [Espressif ESP Drone git repo](#)

### ESPcopter

This is a cool company from Turkiye. Their design is based on ESP8266 (I believe). **ESPcopter provides great educational material.**

- <https://espcopter.com/>

## Resources

- [PID Controller](#)

## External Resources

- [ESP32 Introduction](#)
- [ESP32 DEV KIT V1 pinout](#)
- [Fab Motor Controller](#)

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