Ardupilot Vehicle Guide

Synerduino STM

VERSIONS: F405, H743

For more Information:
www.synerflight.com

INTRODUCTION

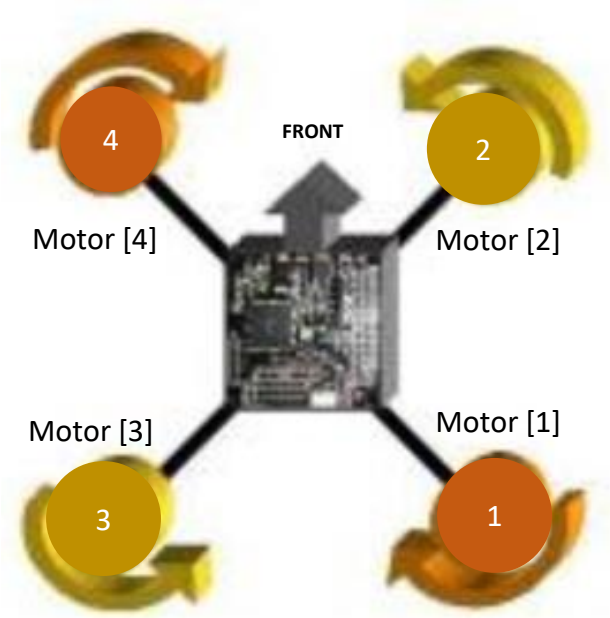
Vehicle Guide Introduce

- ESC
- Motor

Vehicle Type Layout

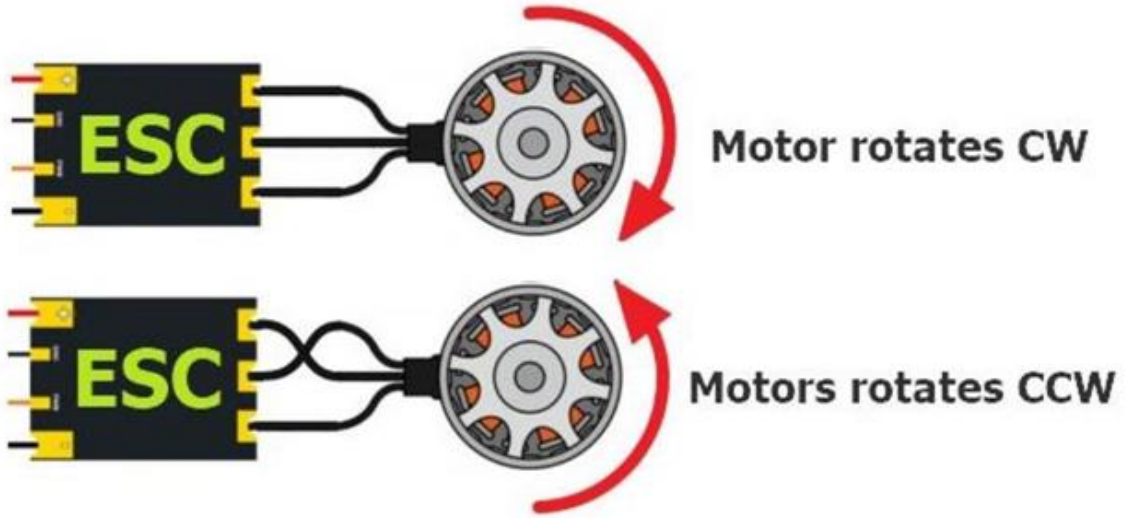
- Basic Quad
- Basic Fixwing

MOTOR, ESC, & PROPELLER INSTALLATION



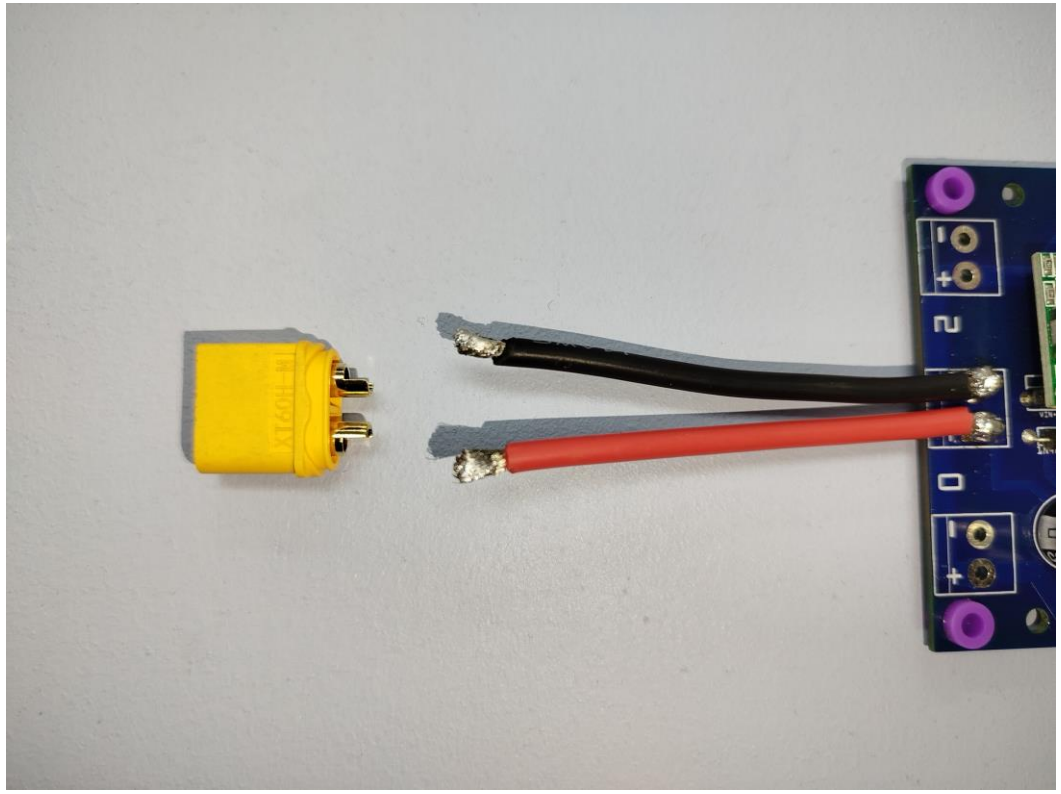
Note : you can pre solder the motor to the board and check for rotation before installing the propeller to ensure all motor rotations are correct

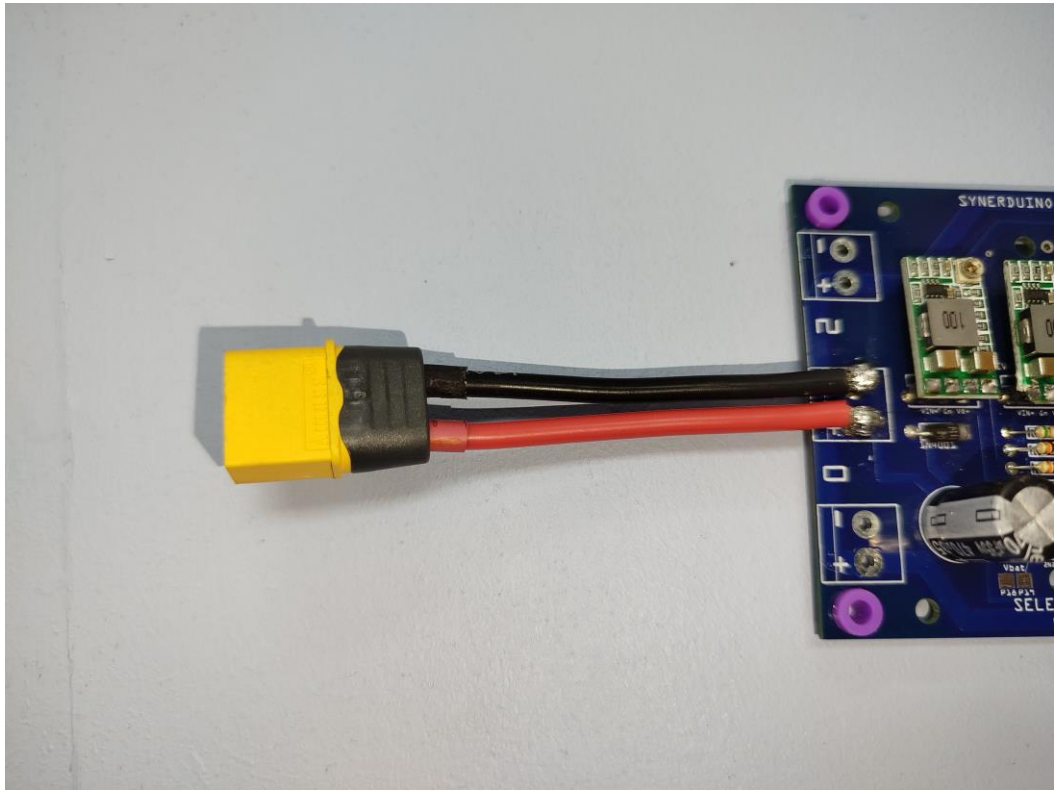
Electronic Speed Controller



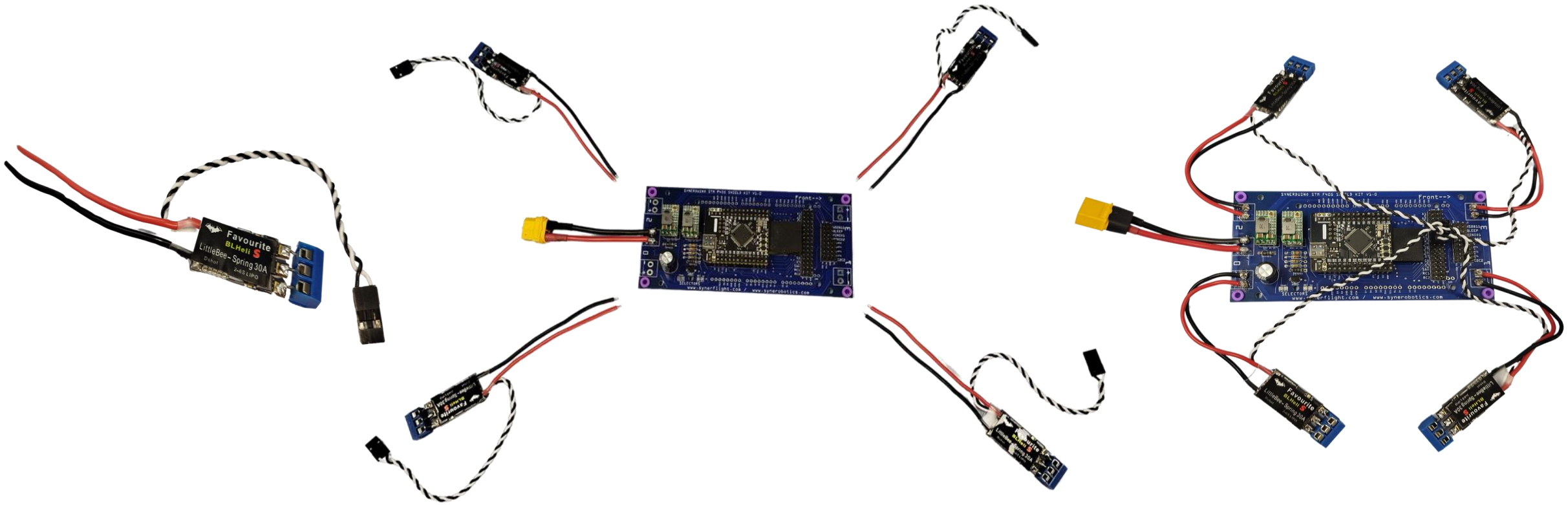
Note : on some brands of motor they may come in two different prop nuts color (Known as self tightening nuts)

POWER

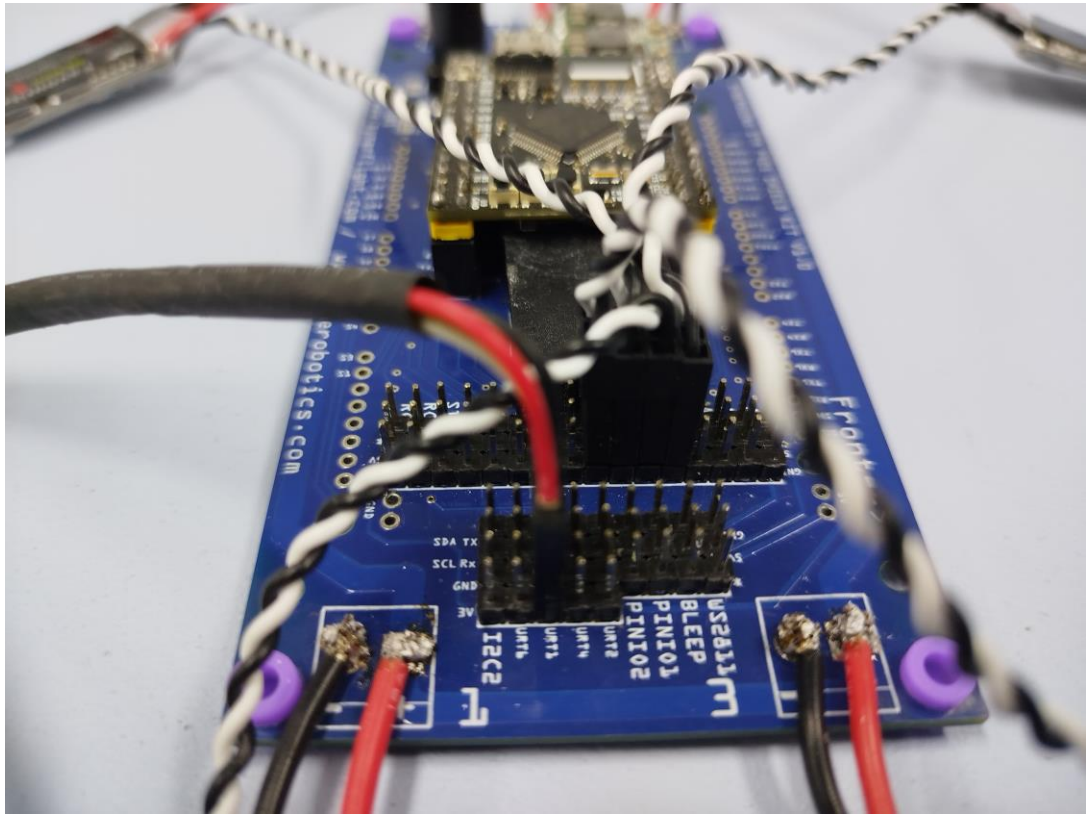




ESC INSTALLATION



ASSEMBLY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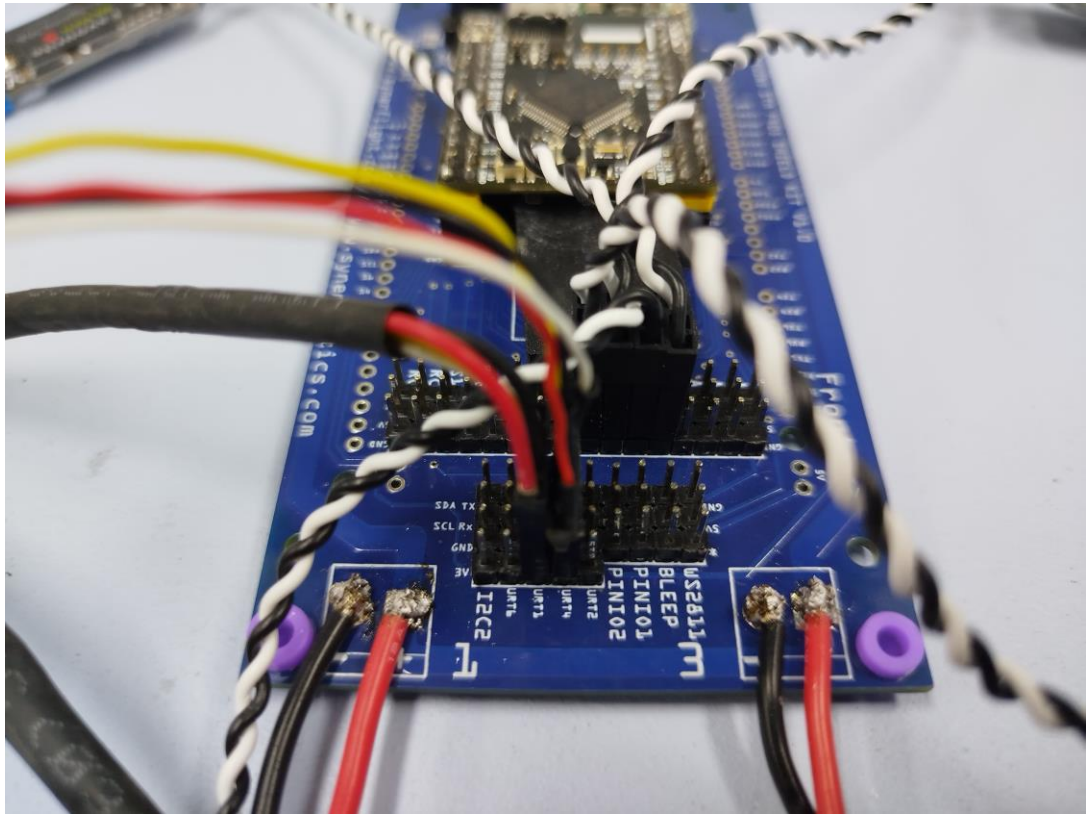
SCL Rx
GND
3V
I2C2
WS2811
BLEEP
PINI01
PINI02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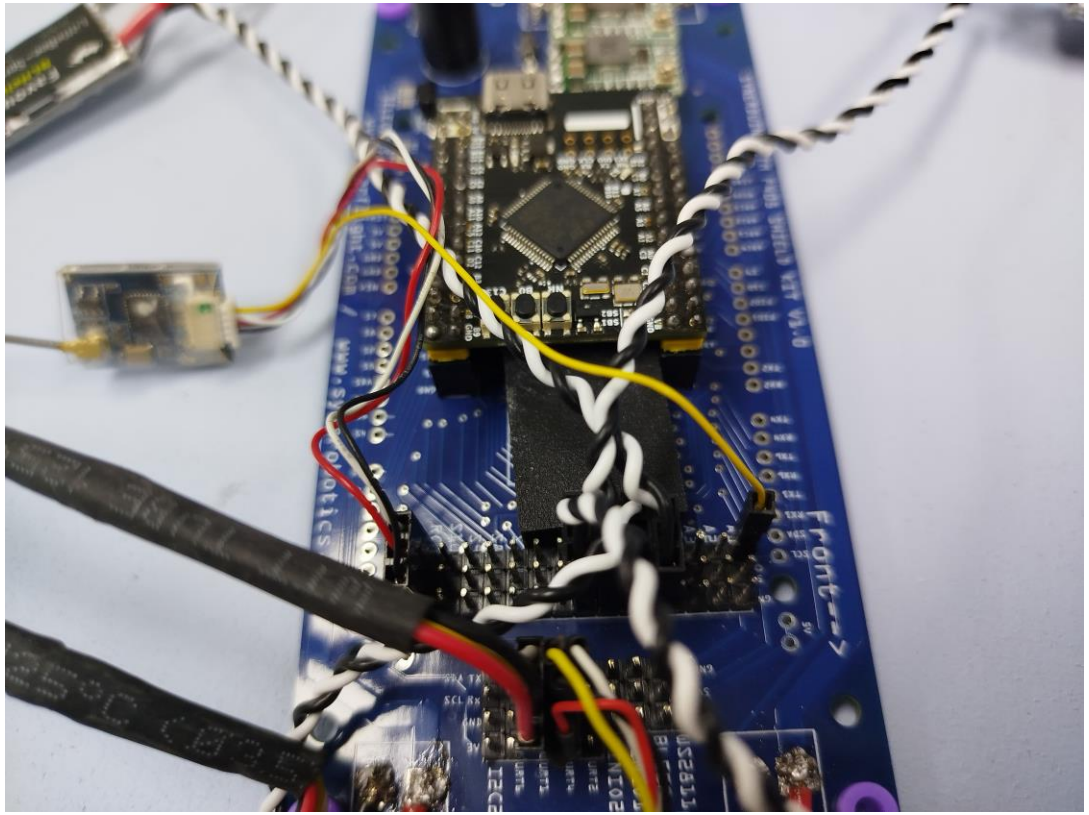
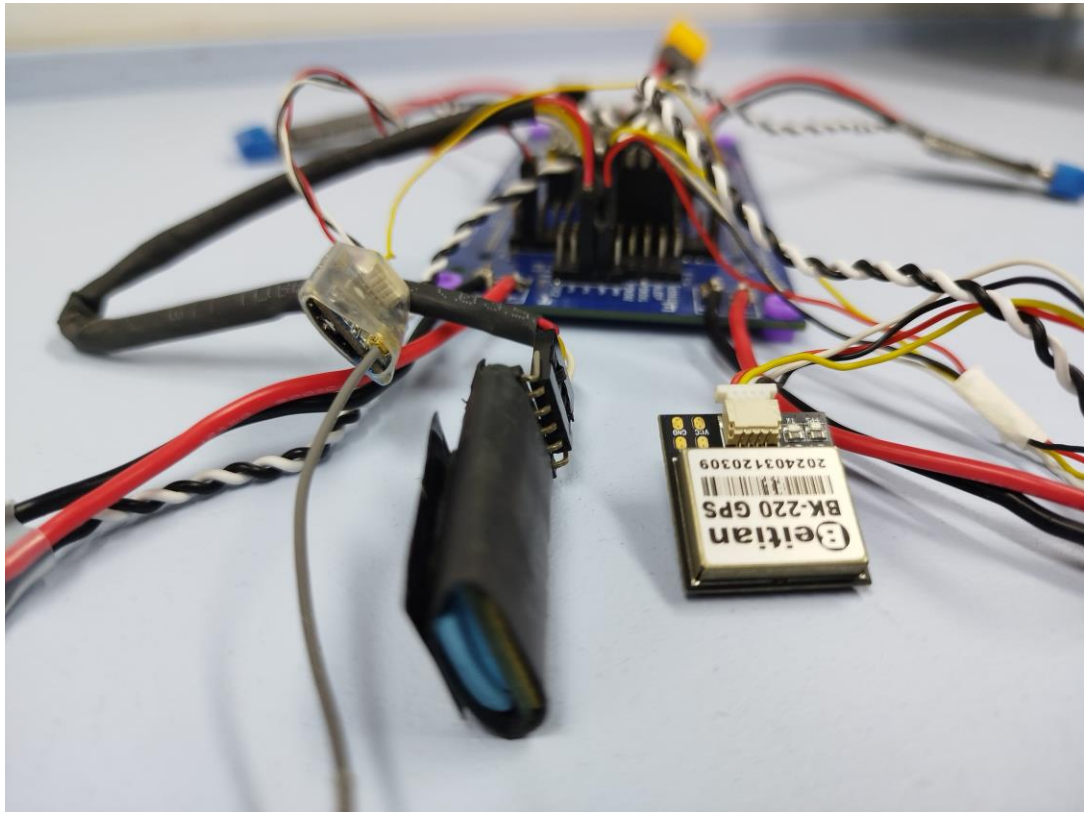
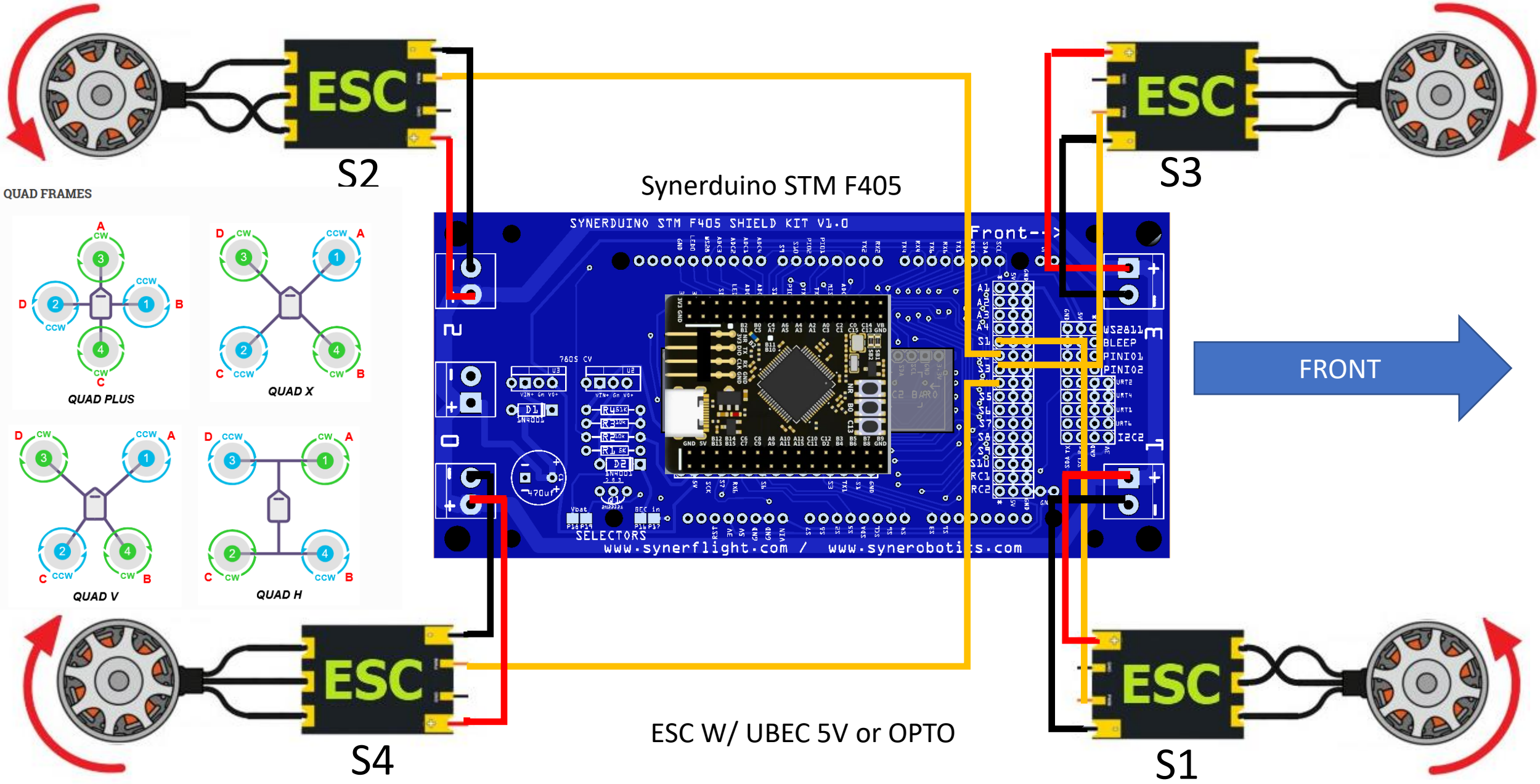
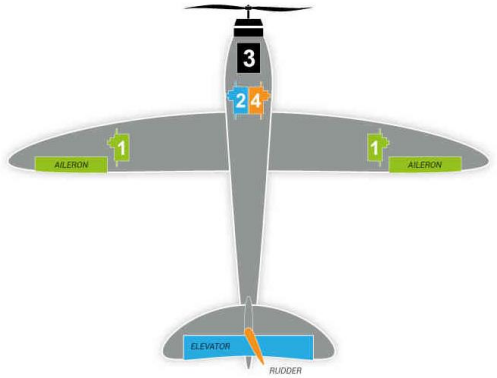




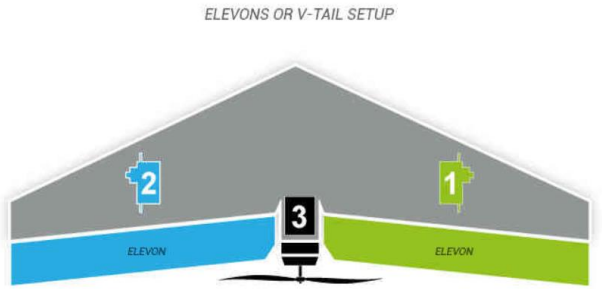
Multirotor Setup Ardupilot



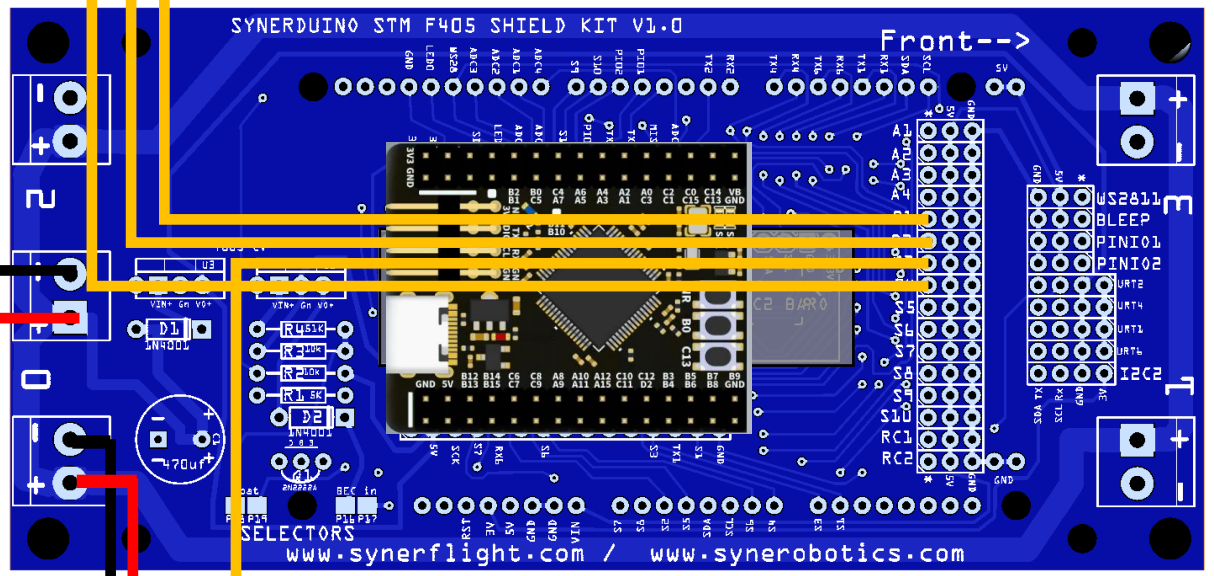
Fixwing Setup Ardupilot



4 CHANNELS PLANE SETUP



Synerduino STM F405

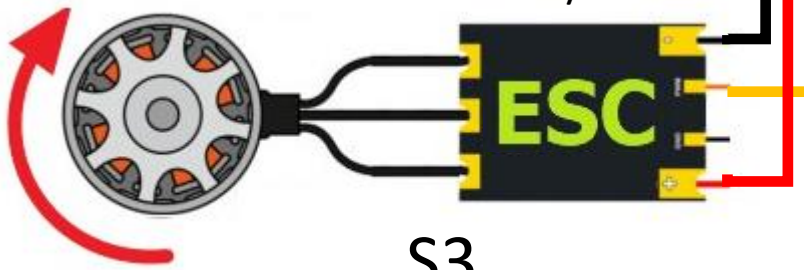


2s 8.2V- 6s 16V

FRONT

S1-S4 Motor/Servo Aux

ESC W/ UBEC 5V



S3

Fixwing