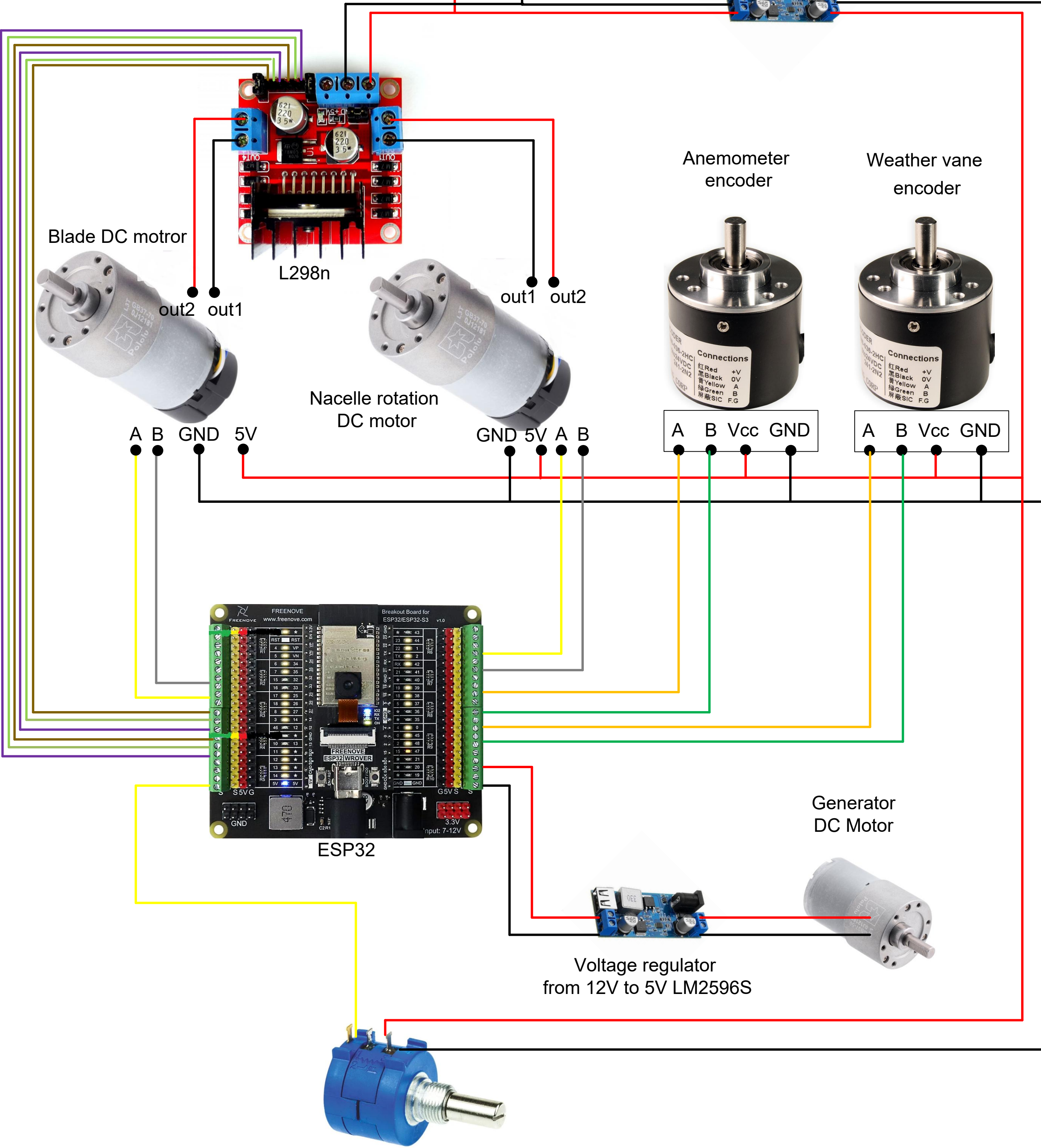


Power supply 12V 5A



+12v GND

Voltage regulator
from 12V to 5V LM2596S



Blade DC motor

out2 out1

L298n

Nacelle rotation
DC motor

A B GND 5V

GND 5V A B

Anemometer
encoder

Weather vane
encoder

A B Vcc GND

A B Vcc GND

ESP32

Generator
DC Motor

Voltage regulator
from 12V to 5V LM2596S

Nacelle rotation sensor
10k multi-turn potentiometer