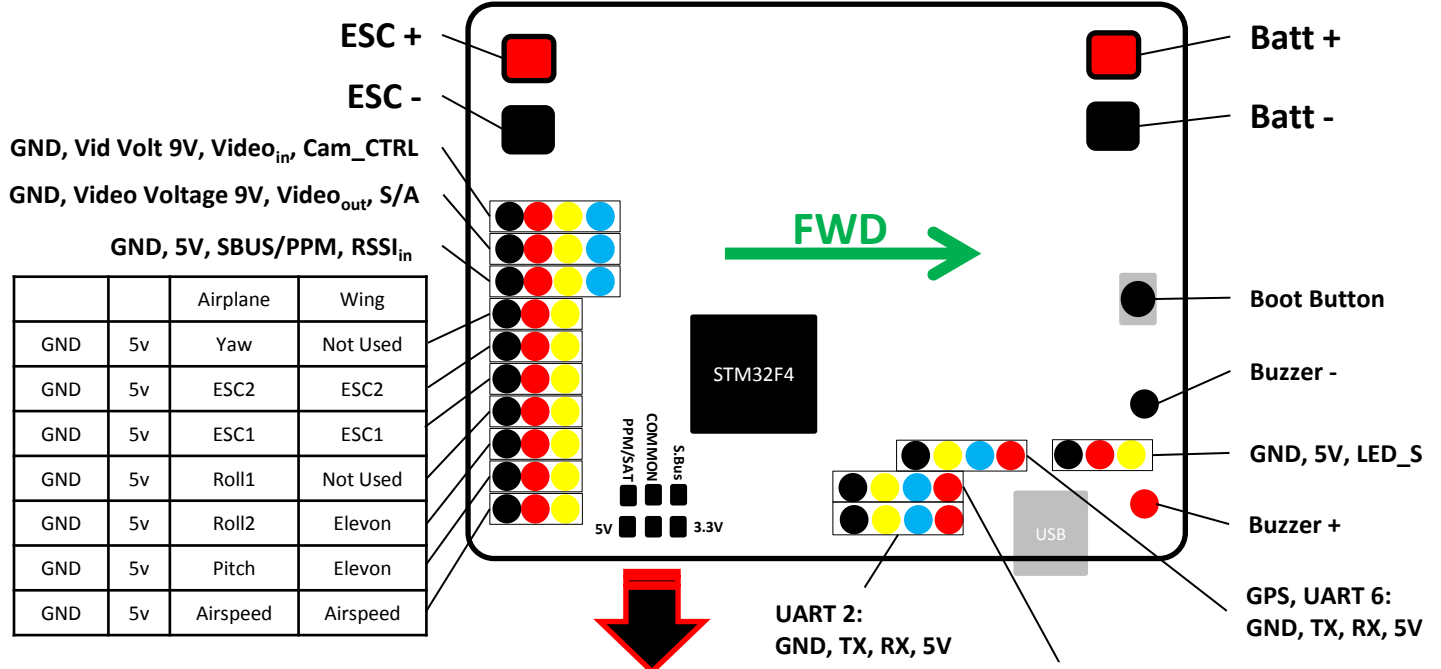


CL_Racing CLF4_Air V2 Fixed Wing Flight Controller

Specifications:

- STM32F405 Processor
- iNav Firmware
- Voltage Input: 3S-6S
- MPU6000
- 130A Current Sensor
- Regulated, Filtered 9V for VTX, Camera
- Regulated, 5A, 5V bus for servos
 - Separated from FC system 5V
- Regulated, filtered 5V for system (UART, etc)
- SmartAudio capable
- Camera OSD control
- UART for GPS
- UART for spare (blackbox, etc)
- Programmable LED capable
- Buzzer
- RSSI ADC Input
- 2 ESC, 4 Servo outputs
 - built in resistor divider, no extra hardware required.
- APM Airspeed input



Notes:

1. SBUS is UART 1 in configurator
2. SmartAudio is UART 4 in configurator
3. Board is rated 3S-6S, 2S can be used but care should be taken with regards to camera and VTX voltage requirements. Direct battery power may be needed for those components that are not tolerant of video voltage power of 9v. The 9V video regulator will reset or not work on a 2S battery.
4. 5V on servo rail is powered by separate 5v from system 5v. System 5v used on RX, UARTs, Airspeed

Solder Bridging

