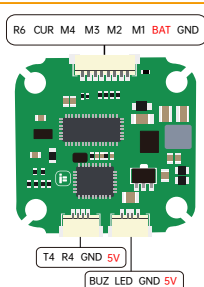
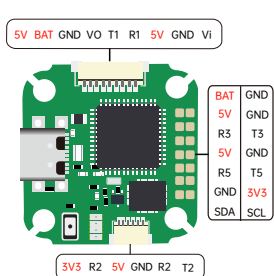


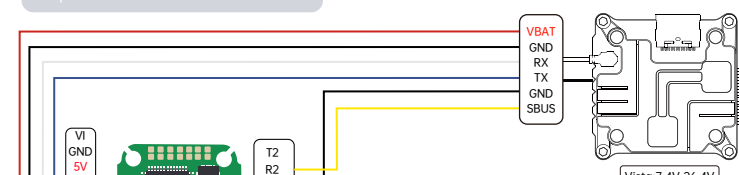
# iFlight BLITZ MINI F722 Wiring Diagram



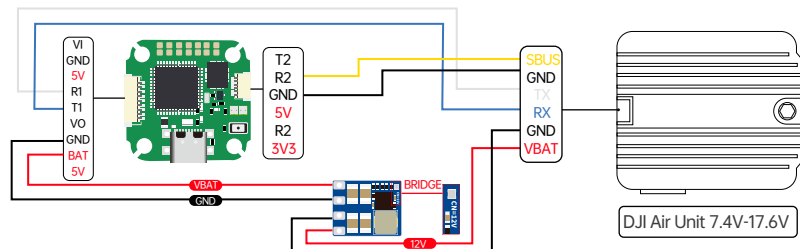
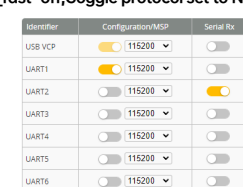
## DJI Digital Transmitters

Firmware Target:IFRC-IFLIGHT BLITZ F722

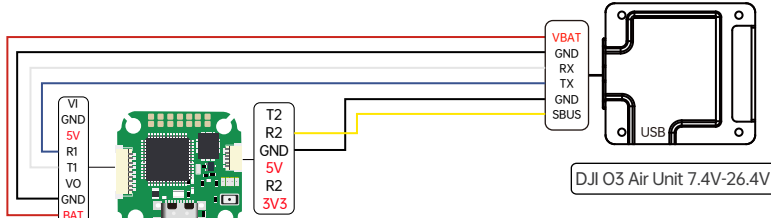
FC plug&play port and setup compatible to DJI Air Unit and Caddx Vista



● Please check your protocols, otherwise your DJI Radio won't input signals!  
 DJI Goggle protocol and Betaflight protocol are NOT compatible!  
 For lower signal latency use the SBUS\_BAUD\_FAST protocol option on both ends.  
 For Betaflight Copy/Paste "set sbus\_baud\_fast=on" into your Betaflight Configurator CLI then hit enter.  
 Use "save" and hit enter to save the changes.  
 Default: sbus\_baud\_fast=off, Goggle protocol set to NORMAL.

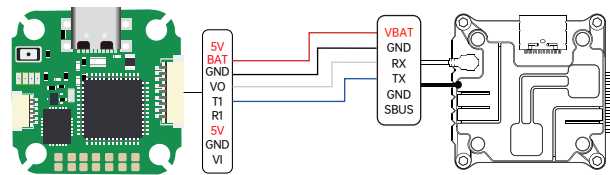


● The DJI Plug&Play connector has a VBAT passthrough! Please remember the DJI Air Unit can just handle voltage up to 4S! To fly up to 6S batteries, please use an additional BEC (Voltage regulator).



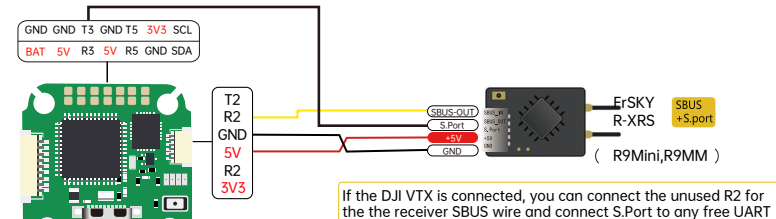
● For DJI O3 Air Unit, In to the Betaflight Configurator CLI, Set osd device to MSP "set osd\_displayport\_device = MSP" Specify the serial port of msp displayport as 0 (the number in this place should be the serial port number minus 1): "set displayport msp serial = 0" then type "save" and exit

## Any other Receiver



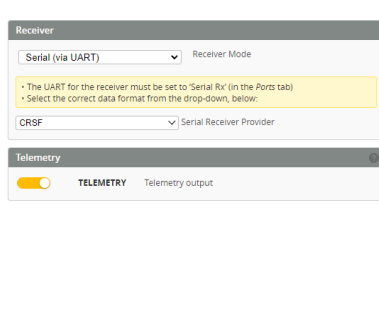
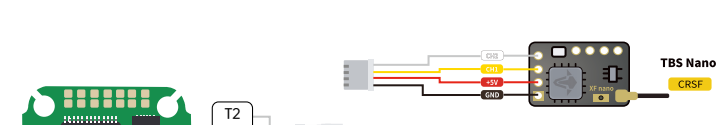
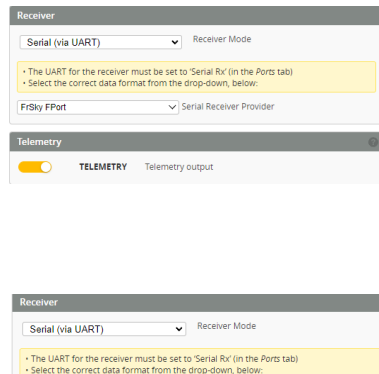
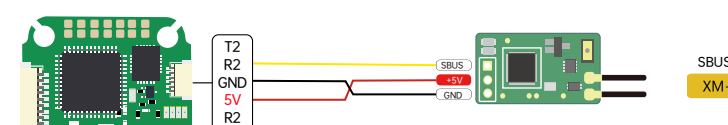
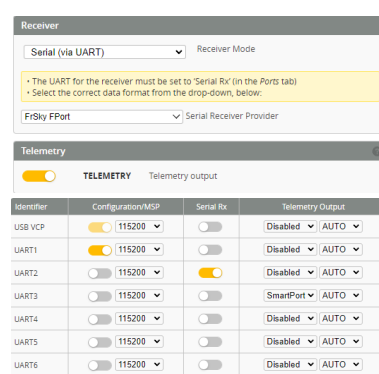
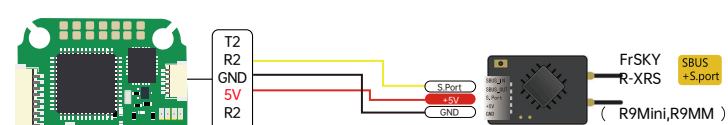
When not using the DJI remote control, don't connect the SBUS and GND

| Identifier | Configuration/MSP | Serial Rx |
|------------|-------------------|-----------|
| USB VCP    | 115200            |           |
| UART1      | 115200            |           |
| UART2      | 115200            |           |
| UART3      | 115200            |           |
| UART4      | 115200            |           |
| UART5      | 115200            |           |
| UART6      | 115200            |           |



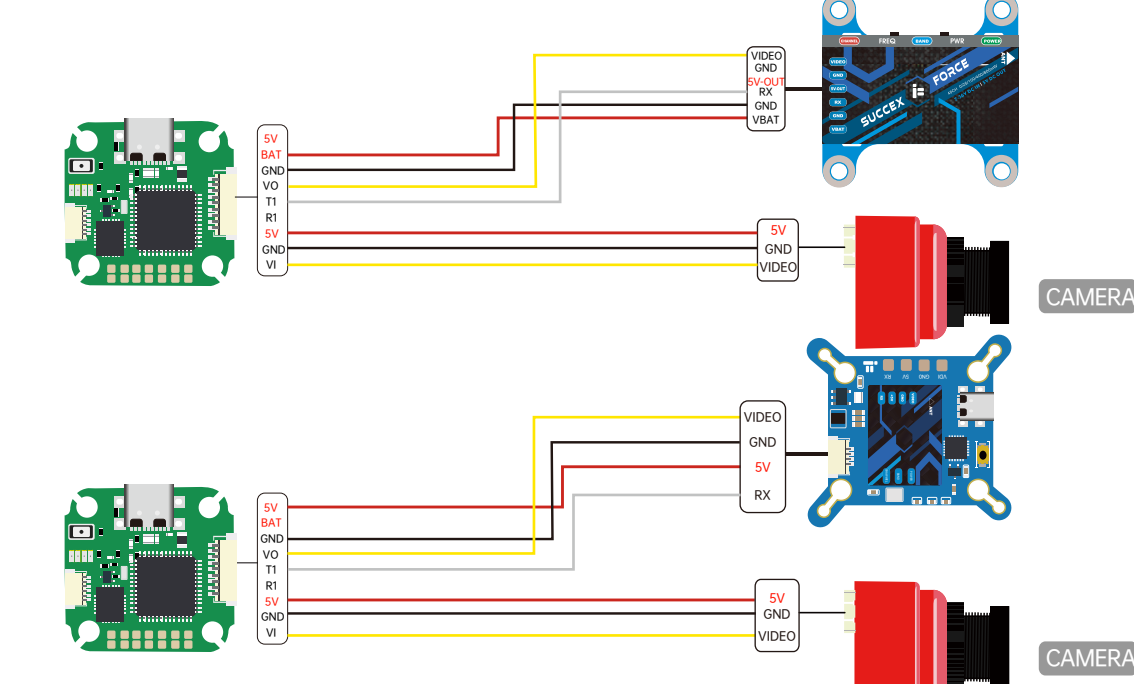
If the DJI VTX is connected, you can connect the unused R2 for the receiver SBUS wire and connect S.Port to any free UART

set serialrx\_provider=FPORT  
 set serialrx\_inverted=ON  
 set serialrx\_halfduplex=ON

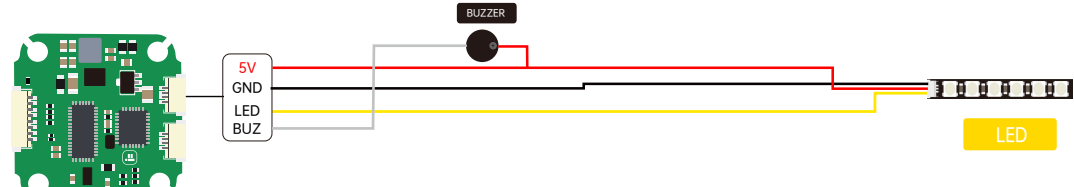


## VTX/CAM

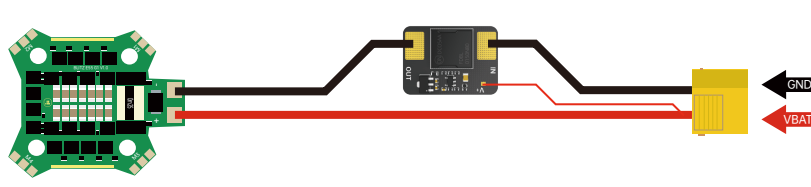
| Identifier | Configuration/MSP | Serial Rx | Telemetry Output | Sensor Input | Peripherals |
|------------|-------------------|-----------|------------------|--------------|-------------|
| USB VCP    | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART1      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART2      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART3      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART4      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART5      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART6      | 115200            |           | Disabled         | Disabled     | Disabled    |



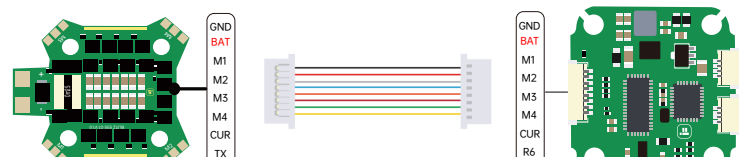
## LED/BUZZER



## Anti-Spark filter



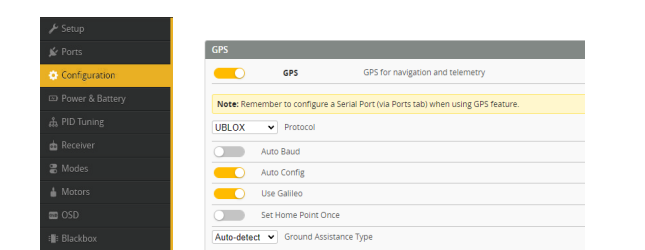
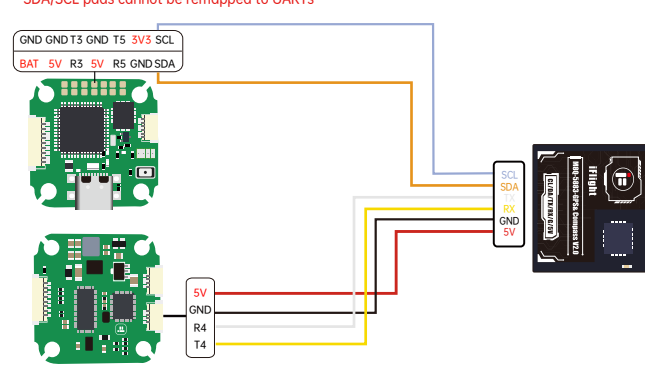
## ESC



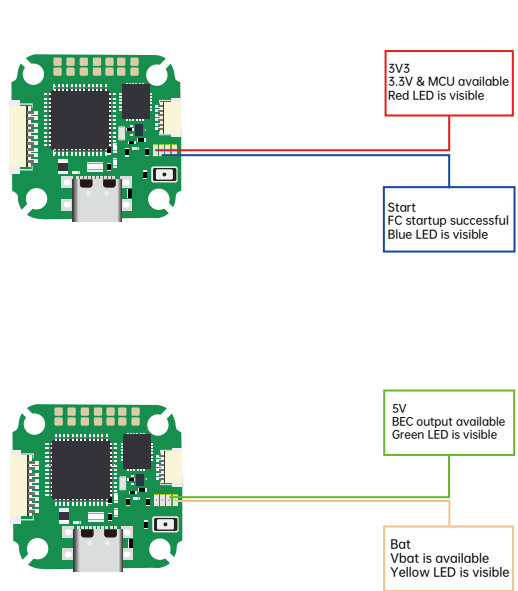
## GPS

| Identifier | Configuration/MSP | Serial Rx | Telemetry Output | Sensor Input | Peripherals |
|------------|-------------------|-----------|------------------|--------------|-------------|
| USB VCP    | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART1      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART2      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART3      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART4      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART5      | 115200            |           | Disabled         | Disabled     | Disabled    |
| UART6      | 115200            |           | Disabled         | Disabled     | Disabled    |

SDA/SCL pads cannot be remapped to UARTs



## Status indicator



Note: Each LED indicates the status of your flight controller.