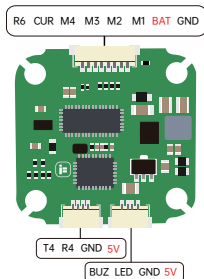
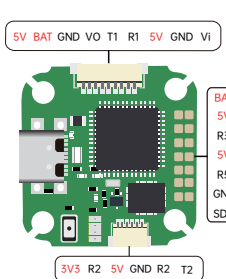
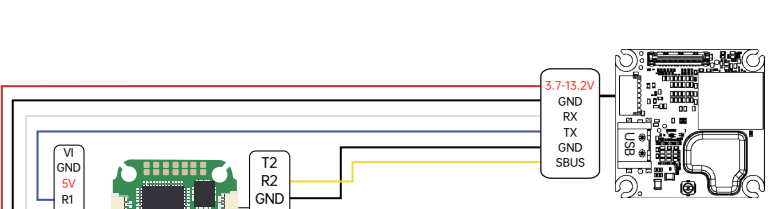
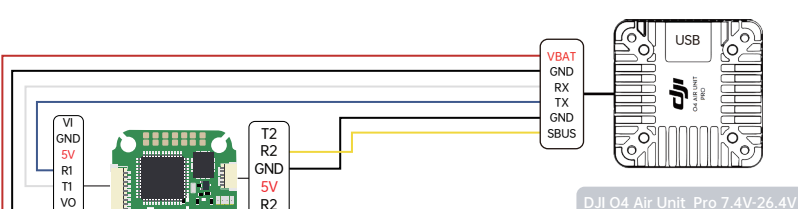
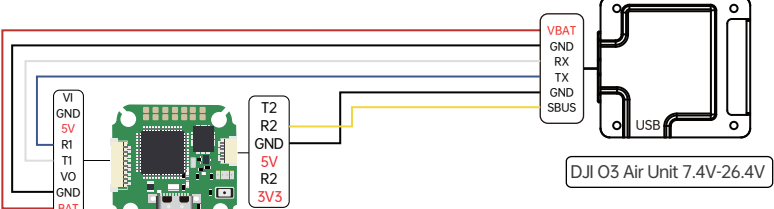
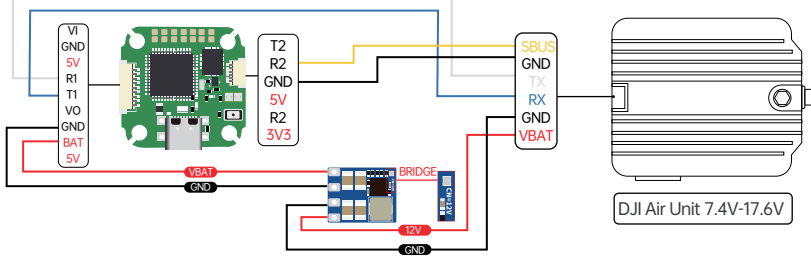
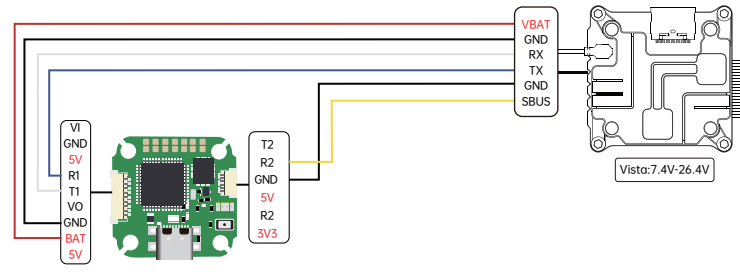


iFlight BLITZ MINI F722 Wiring Diagram

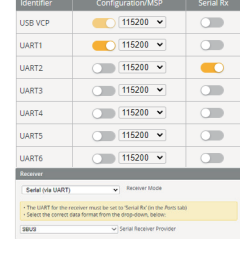


DJI Digital Transmitters

Firmware Target:IFRC-IFLIGHT-BLITZ-F722
FC plug&play port and setup compatible to DJI Air Unit and Coddex Vista



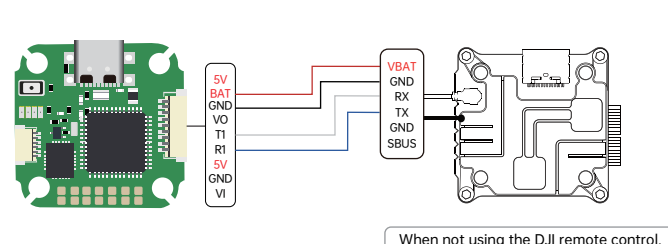
Please check your protocols, otherwise your DJI Radio won't input signals!
DJI Goggle protocol and Betaflight protocol has to match!
For lower signal latency use the SBus_BAUD_FAST protocol option on both ends.
For Betaflight Copy/Paste "set sbus_baud_fast=on" into your Betaflight Configurator CLI then hit enter.
Use "save" and hit enter to save the changes.
Defaults: sbus_baud_fast=off, Goggle protocol set to NORMAL.



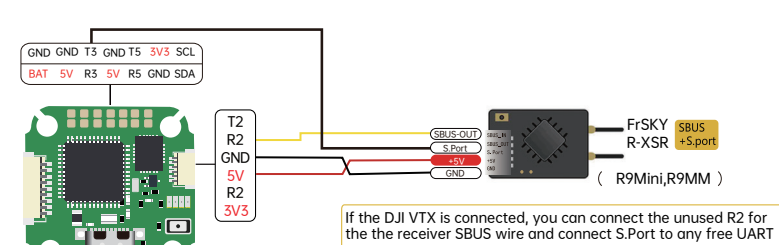
The DJI Plug&Play connector has a VBAT passthrough! Please remember, the DJI Air Unit can just handle voltage up to 45! To fly up to 6S batteries, please use an additional BEC (Voltage regulator).

For DJI O3 Air Unit, in 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

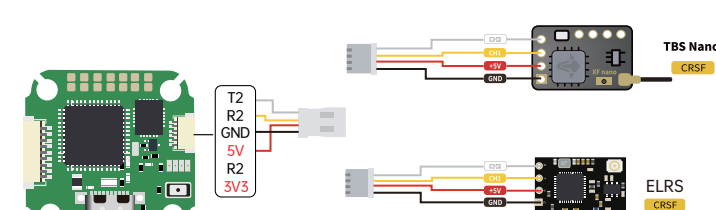
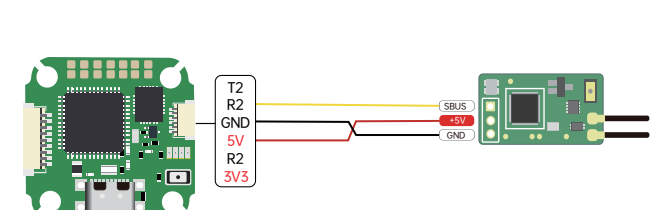
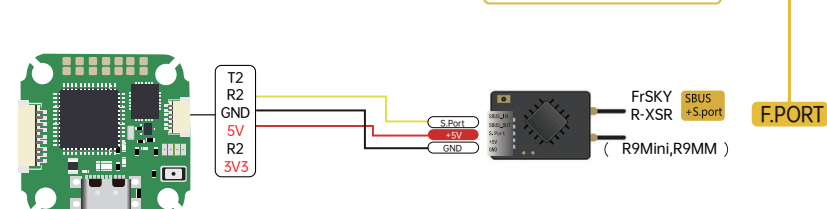


When not using the DJI remote control, don't connect the SBus and GND

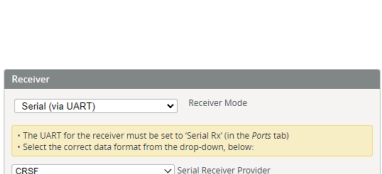
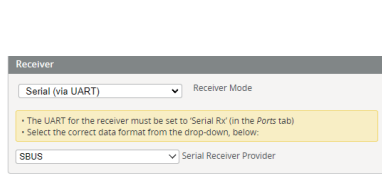
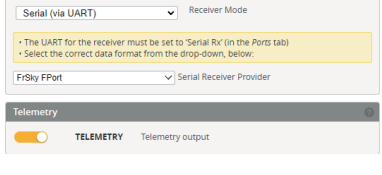
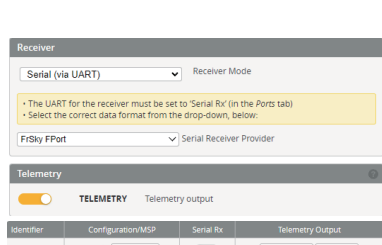


If the DJI VTX is connected, you can connect the unused R2 for the receiver SBus wire and connect S.Port to any free UART

```
set serialrx_provider=FPORT
set serialrx_inverted=ON
set serialrx_halfduplex=ON
```

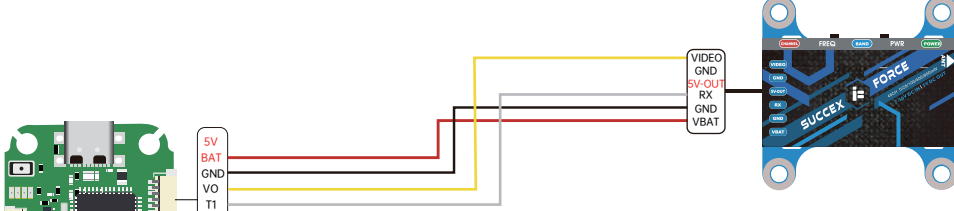


Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	Off
UART1	115200	Off
UART2	115200	Off
UART3	115200	Off
UART4	115200	Off
UART5	115200	Off
UART6	115200	Off

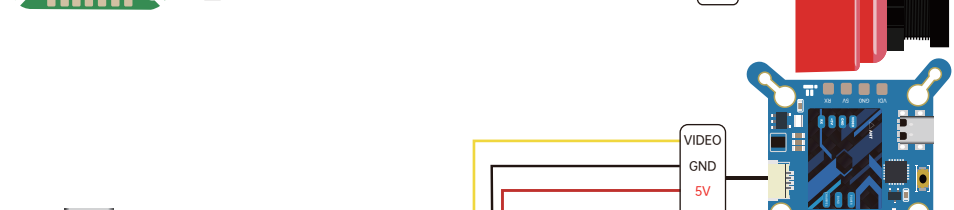


VTX/CAM

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Off	Disabled	Disabled	Disabled
UART1	115200	Off	Disabled	Disabled	VTX (IRC Tramp)
UART2	115200	Off	Disabled	Disabled	VTX (IRC Tramp)
UART3	115200	Off	Disabled	Disabled	VTX (IRC Tramp)
UART4	115200	Off	Disabled	Disabled	Benewake LiDAR
UART5	115200	Off	Disabled	Disabled	OSD (FSky Protocol)
UART6	115200	Off	Disabled	Disabled	Disabled

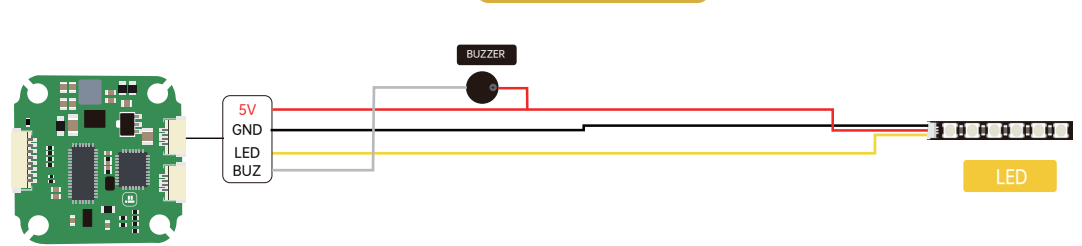


CAMERA

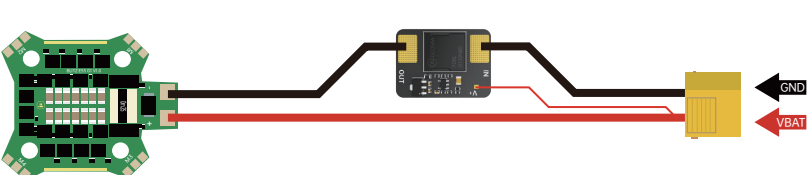


CAMERA

LED/BUZZER



Anti-Spark filter



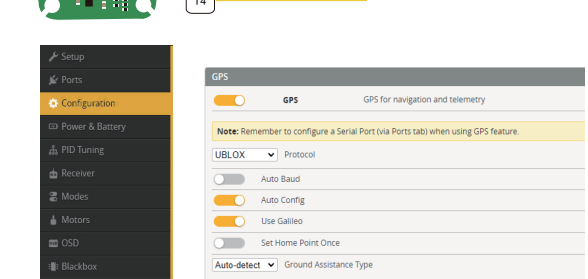
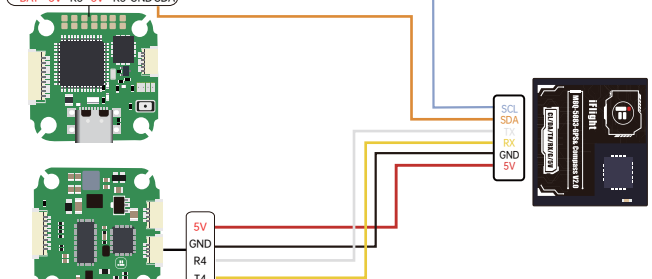
ESC



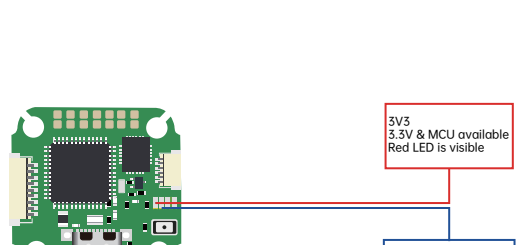
GPS

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
UART1	115200	Off	Disabled	Disabled	Disabled
UART2	115200	Off	Disabled	Disabled	Disabled
UART3	115200	Off	Disabled	Disabled	Disabled
UART4	115200	Off	Disabled	Disabled	Disabled
UART5	115200	Off	Disabled	Disabled	Disabled
UART6	115200	Off	Disabled	Disabled	Disabled

SDA/SCL pads cannot be remapped to UARTs



Status indicator



3V3 5V & MCU available Red LED is visible

Start FC startup successful Blue LED is visible



5V BEC output available Green LED is visible

Bat Vbat is available Yellow LED is visible

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