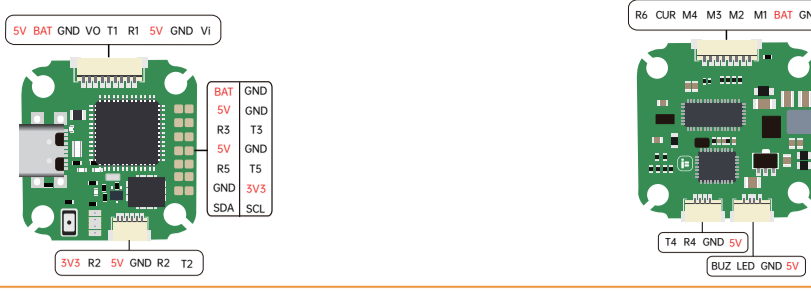


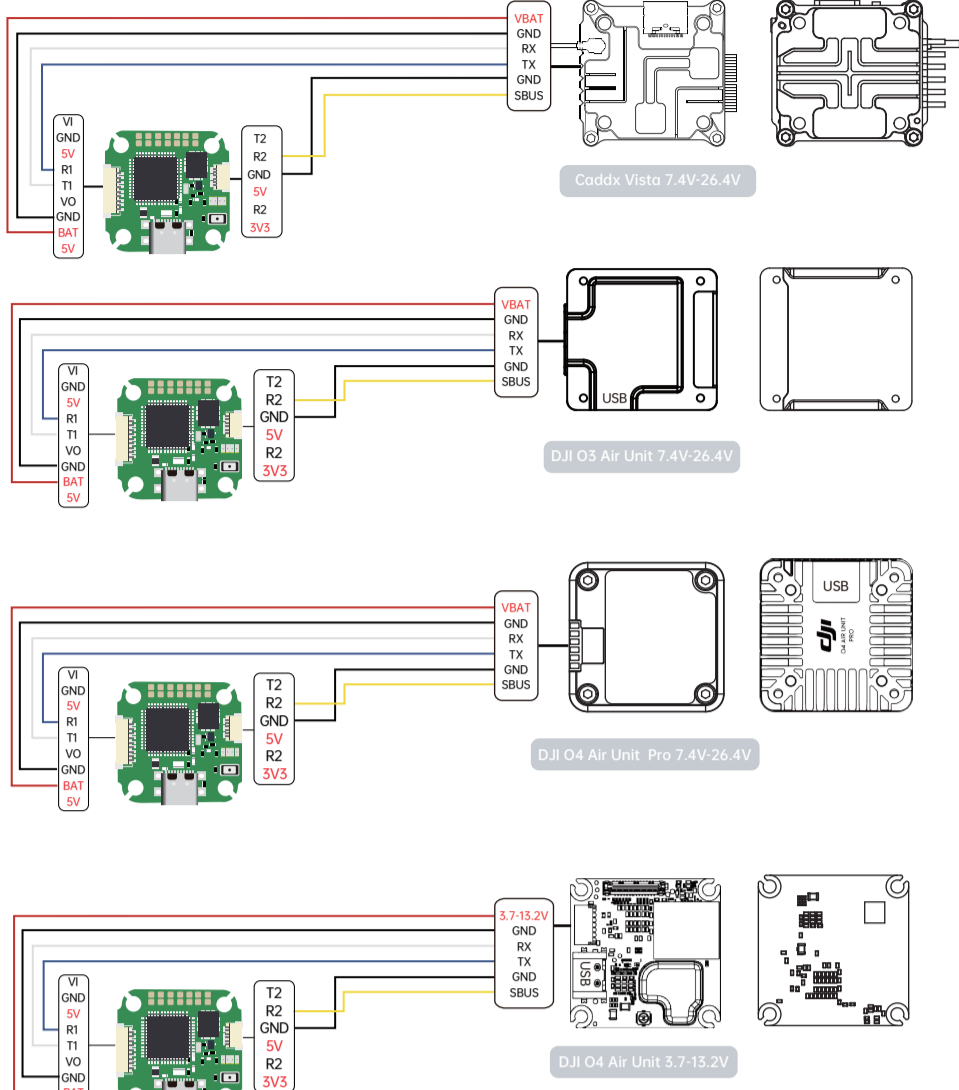
# iFlight BLITZ MINI F7 Wiring Diagram



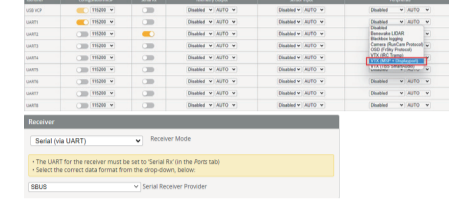
## DJI Digital Transmitters

Firmware Target:IFRC-IFLIGHT BLITZ F722

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



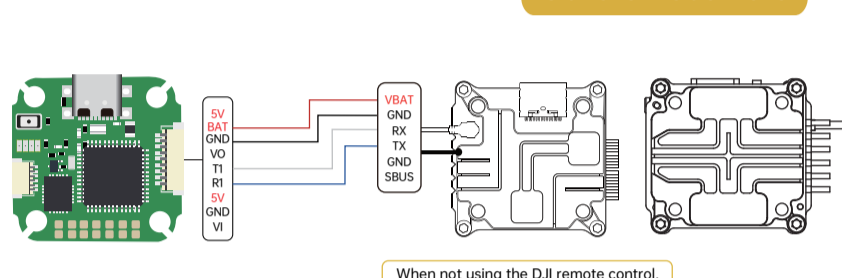
Please check your protocols, otherwise your DJI Radio won't input signals!  
 DJI Goggle protocol and Betaflight protocol has to match!  
 For lower signal latency use the SBus\_BAUD\_FAST protocol option on both ends.  
 For Betaflight Copy/Paste "set sbus\_baud\_fast=on" into your Betaflight Configurator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



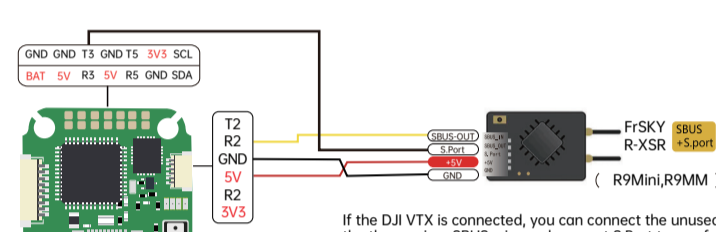
The DJI Plug&Play connector has a VBAT passthrough! Remember, the DJI Air Unit can just handle voltage up to 4S! To fly up to 6S batteries, please use an additional BEC (Voltage regulator).

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

## Others Receivers

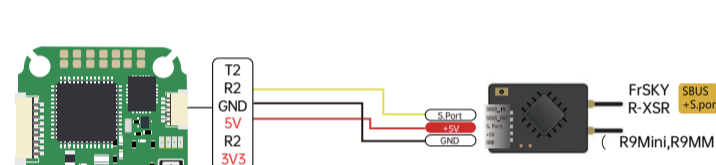


When not using the DJI remote control, don't connect the SBus and GND

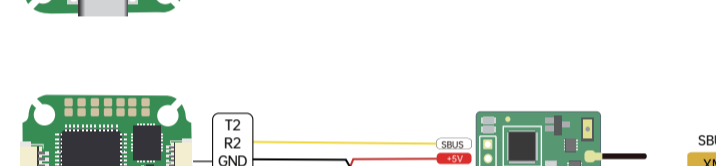


If the DJI VTX is connected, you can connect the unused R2 for the receiver SBus wire and connect S.Port to any free UART

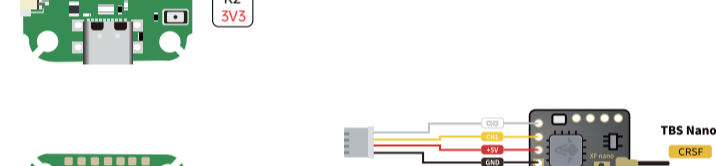
set serialrx\_provider=FPORT  
 set serialrx\_inverted=ON  
 set serialrx\_halfduplex=ON



F.PORT



SBUS XM+

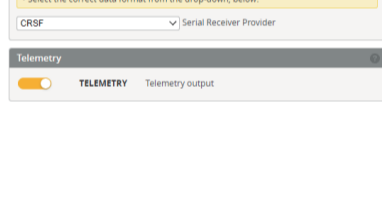
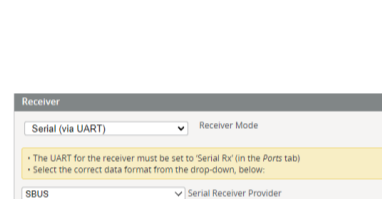
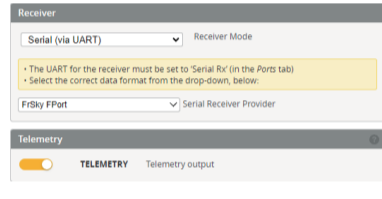
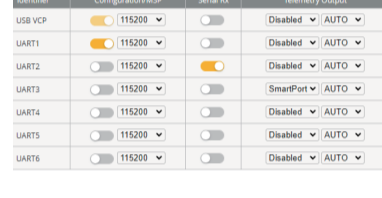
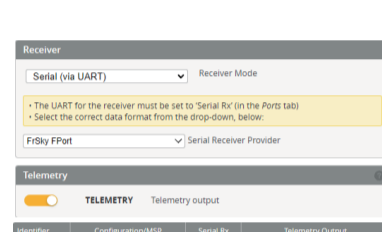


TBS Nano



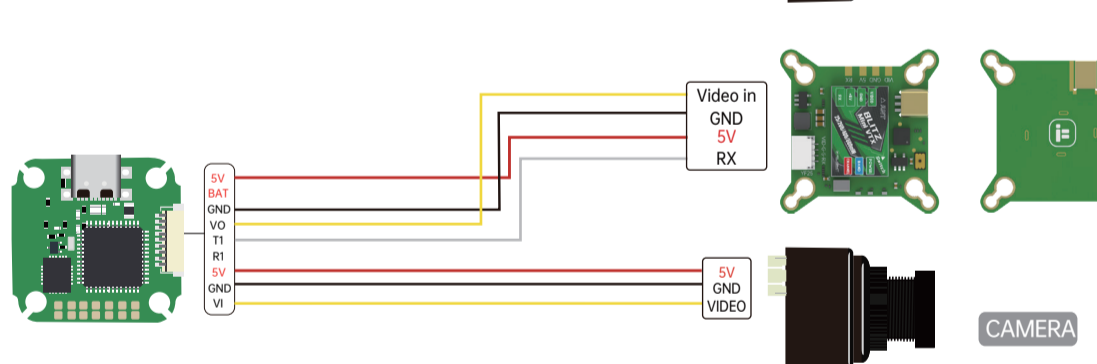
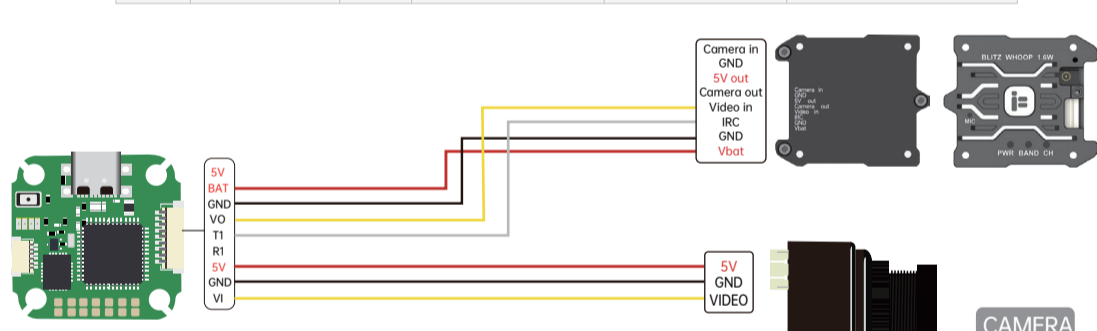
ELRS

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

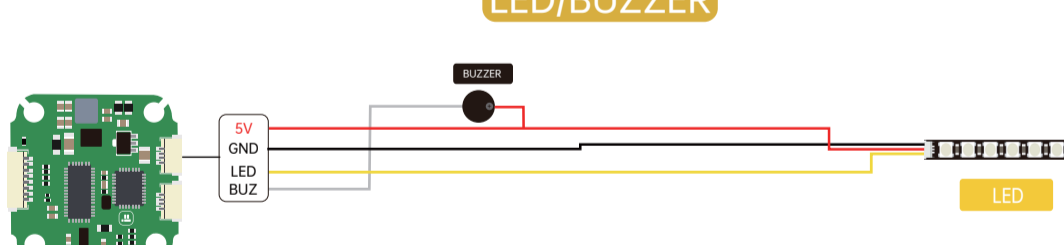


## VTX/CAM

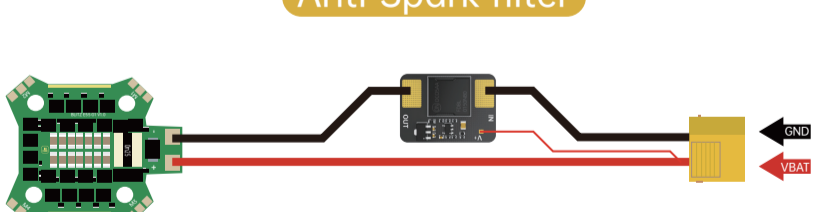
Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Off	Disabled	Disabled	Disabled
UART1	115200	Off	Disabled	Disabled	VTX (IRC Tran) / AUTO
UART2	115200	Off	Disabled	Disabled	Disabled
UART3	115200	Off	Disabled	Disabled	Disabled
UART4	115200	Off	Disabled	Disabled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



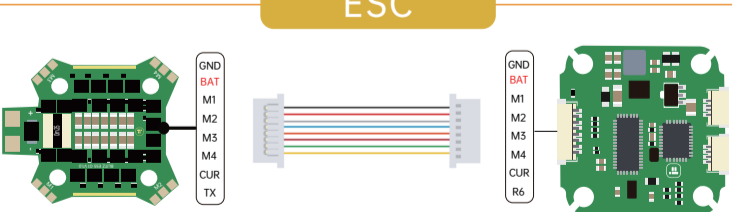
## LED/BUZZER



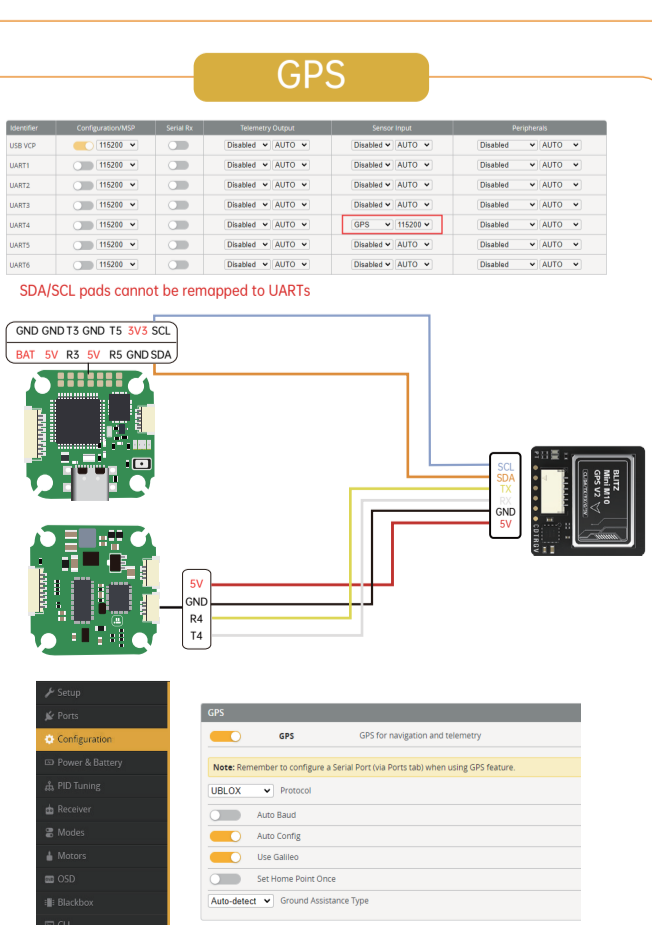
## Anti-Spark filter



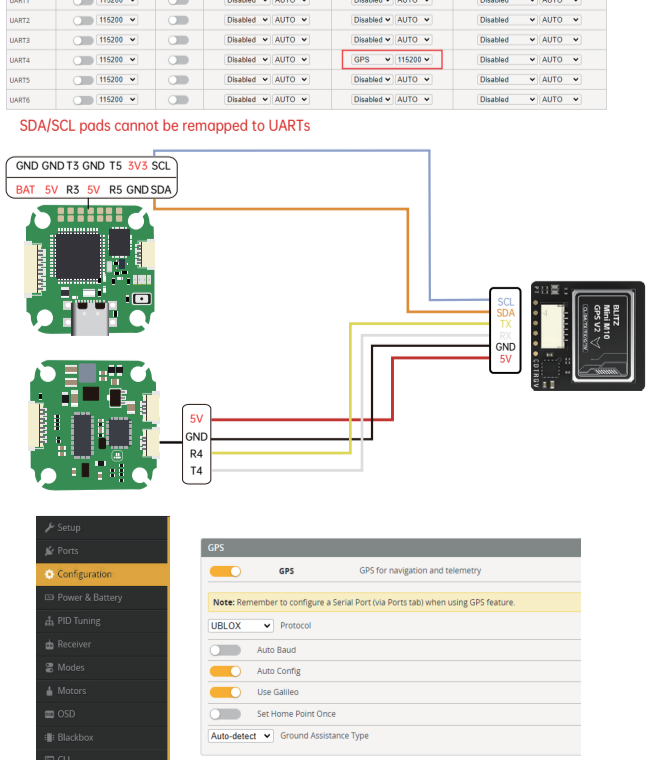
## ESC



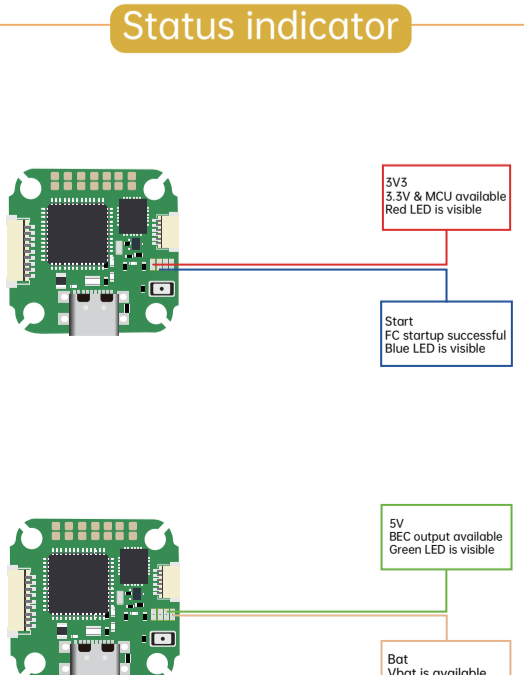
## GPS



SDA/SCL pins cannot be remapped to UARTs



## Status indicator



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