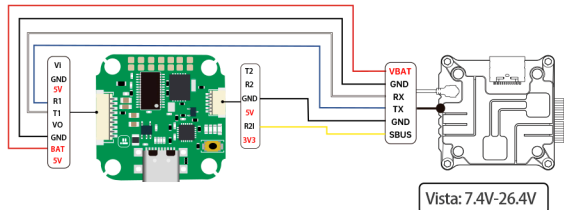
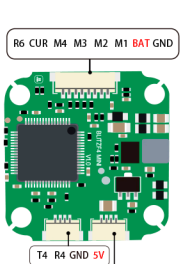
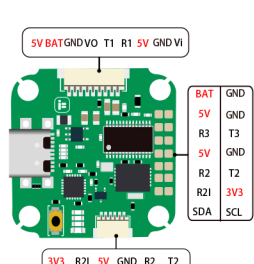


iFlight BLITZ MINI F4 Wiring Diagram

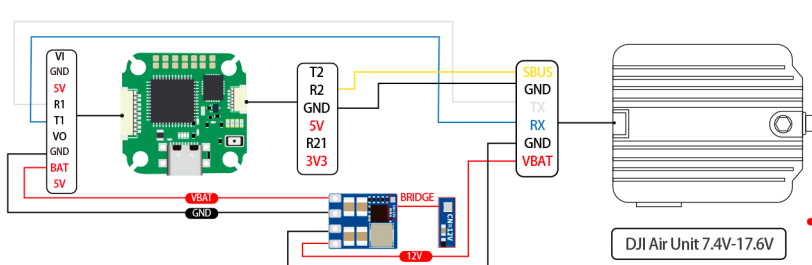
DJI Digital VTX + Radio



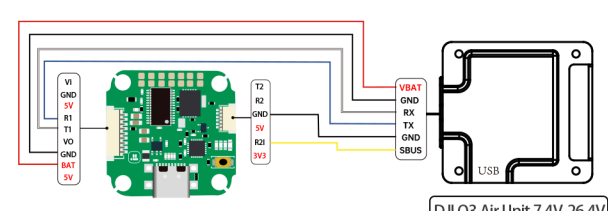
Please check your protocols, otherwise your DJI Radio won't input signals!
 DJI Goggle protocol and Betaflight protocol has to match!
 For lower signal latency use the SBUS_BAUD_FAST protocol option on both ends.
 For Betaflight Copy/Paste "set sbus_baud_fast=on" into your Betaflight Configurator CLI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

Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART6	<input type="checkbox"/> 115200	<input type="checkbox"/>

Receiver	
Serial (via UART)	Receiver Mode
* The UART for the receiver must be set to "Serial Rx" (in the Ports tab) * Select the correct data format from the drop-down, below.	
SBUS	Serial Receiver Provider

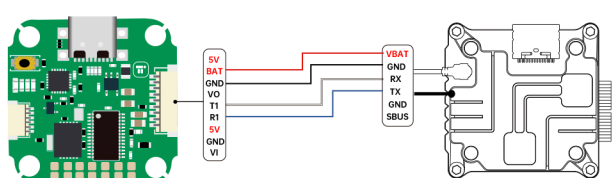


The DJI Plug&Play connector has a VBAT passthrough! Please remember, the DJI Air Unit can just handle voltage up to 45! To fly up to 6S batteries, please use an additional BEC (Voltage regulator).



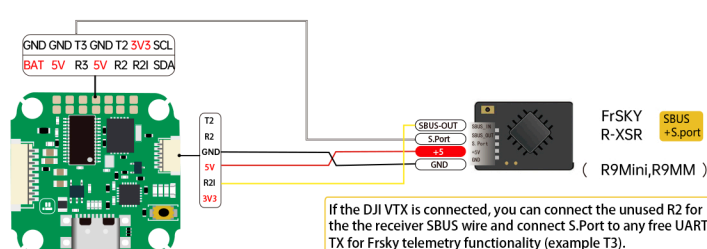
For DJI O3 Air Unit, In to the Betaflight Configurator CLI, Set osd device to MSP: "set osd_displayport_device = MSP" Specify the serial port of msp_displayport as 0 (the number in this place should be the serial port number minus 1): "set displayport_msp_serial = 0" then type "save" and exit

Various Receivers

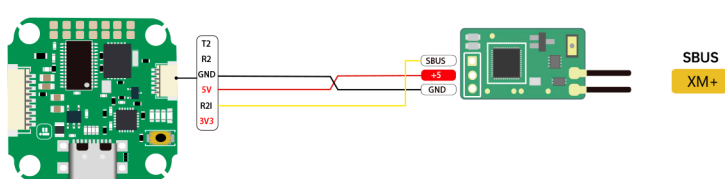


Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART6	<input type="checkbox"/> 115200	<input type="checkbox"/>

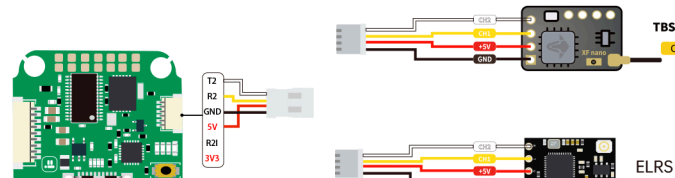
Receiver	
Serial (via UART)	Receiver Mode
* The UART for the receiver must be set to "Serial Rx" (in the Ports tab) * Select the correct data format from the drop-down, below.	
SBUS	Serial Receiver Provider



Receiver	
Serial (via UART)	Receiver Mode
* The UART for the receiver must be set to "Serial Rx" (in the Ports tab) * Select the correct data format from the drop-down, below.	
CRSF	Serial Receiver Provider

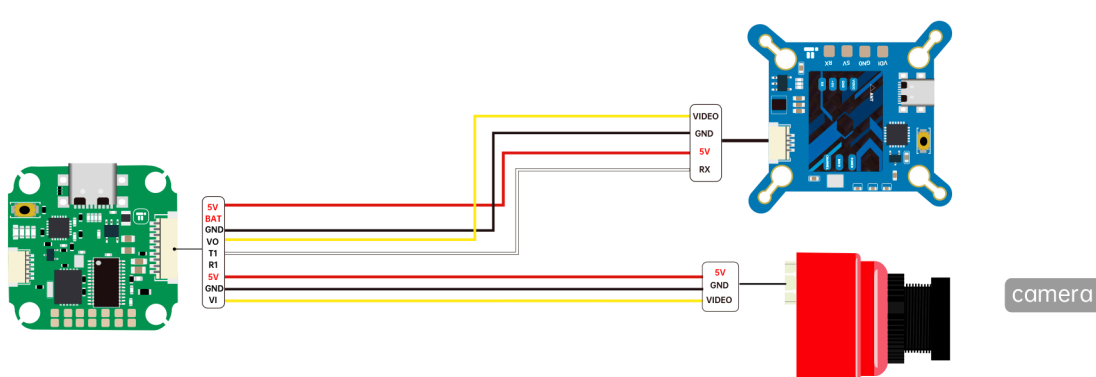


Receiver	
Serial (via UART)	Receiver Mode
* The UART for the receiver must be set to "Serial Rx" (in the Ports tab) * Select the correct data format from the drop-down, below.	
CRSF	Serial Receiver Provider

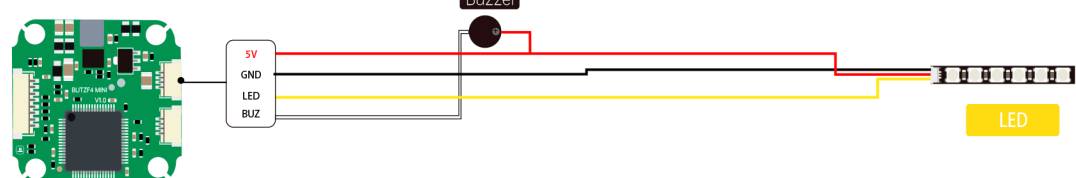


VTX/CAM

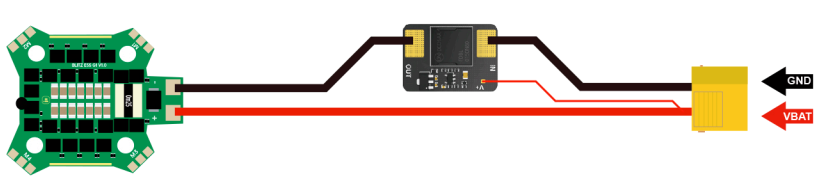
Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART2	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled Blackbox logging VTX (IRC Tramp) VTX (TBS SmartAudio) Camera (RunCam Protocol) Benewake LIDAR OSD (FrSky Protocol)
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART6	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO



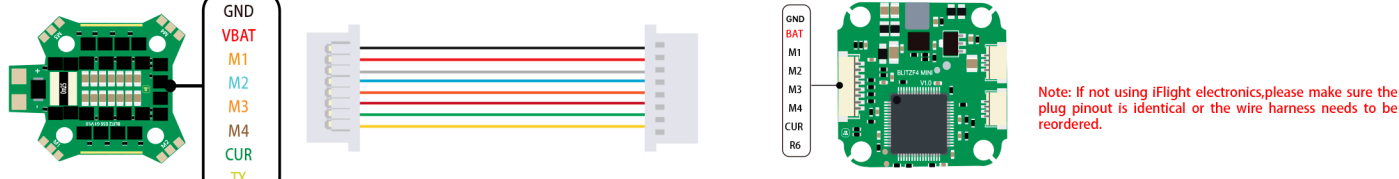
LED/Buzzer



Anti-Spark filter



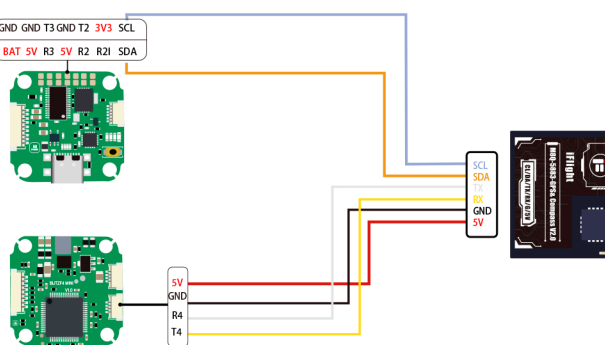
Esc



GPS

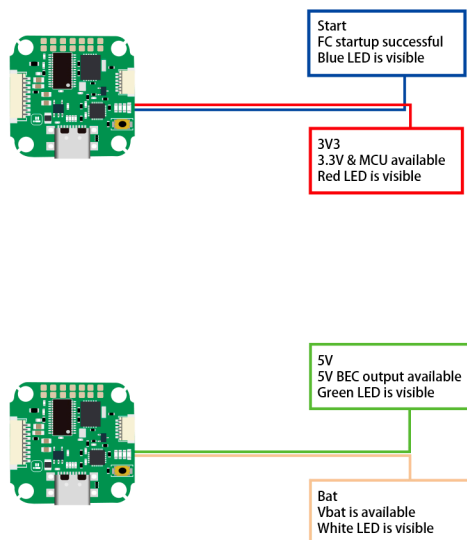
Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART1	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART2	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART6	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO

SDA/SCL pads cannot be remapped to UARTs



GPS	
<input checked="" type="checkbox"/> GPS	GPS for navigation and telemetry
Note: Remember to configure a Serial Port (via Ports tab) when using GPS feature.	
UBLOX	Protocol
<input type="checkbox"/> Auto Baud	
<input checked="" type="checkbox"/> Auto Config	
<input type="checkbox"/> Use Galileo	
<input type="checkbox"/> Set Home Point Once	
Auto-detect	Ground Assistance Type

Status indicator



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