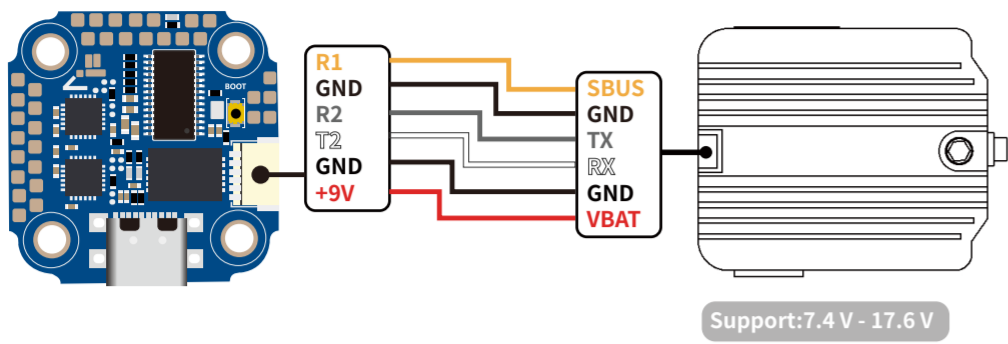


iFlight Succex-D Mini F7 TwinG Wiregram

Use DJI transmitter

target: STM32F7X2

4.1.0 official version of the firmware is not released
If you want to set the DJI-HDL protocol
you need to reflash a specific version



Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>
UART2	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART5	<input type="checkbox"/> 115200	<input type="checkbox"/>

Either SBUS BAUD FAST or SBUS protocol can be selected.
For SBUS BAUD FAST, use Betaflight Configurator 10.6.0,
and change the goggle setting to SBUS BAUD FAST

Receiver

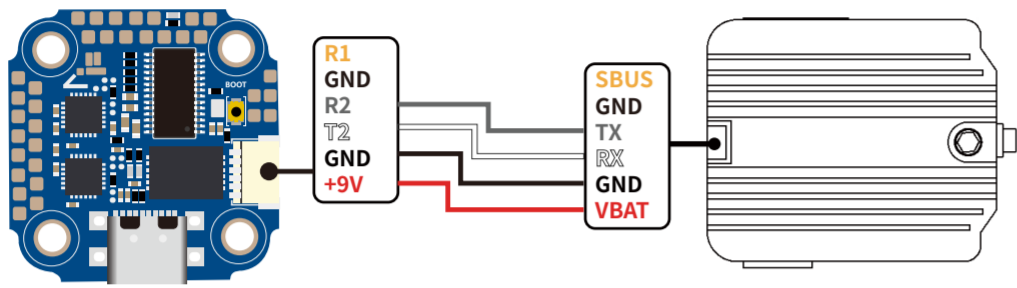
Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

DJI_HDL_7MS Serial Receiver Provider

Use another transmitter

config: IFRC-IF7_TWIN_G_D



When not using DJI remote controller,
don't connect the R1 and GND.
But the External RX will need to be
connected to the specified port as
below. Please follow the diagram
to wire and setup

Identifier	Configuration/MSP	Serial Rx
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>
UART1	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>
UART2	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>
UART5	<input type="checkbox"/> 115200	<input type="checkbox"/>

Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SBUS Serial Receiver Provider

*Use the IBUS receiver to set the IBUS Provider

Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

FrSky FPort Serial Receiver Provider

Receiver

Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

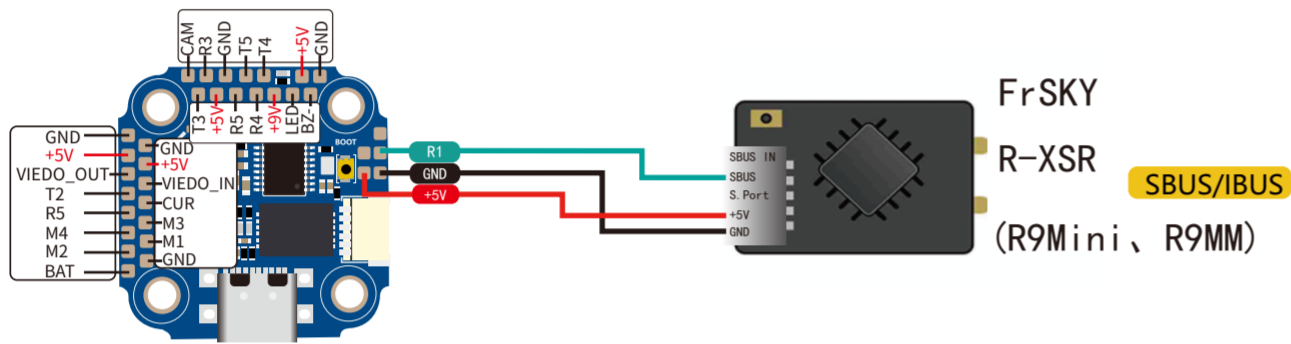
CRSF Serial Receiver Provider

Receiver

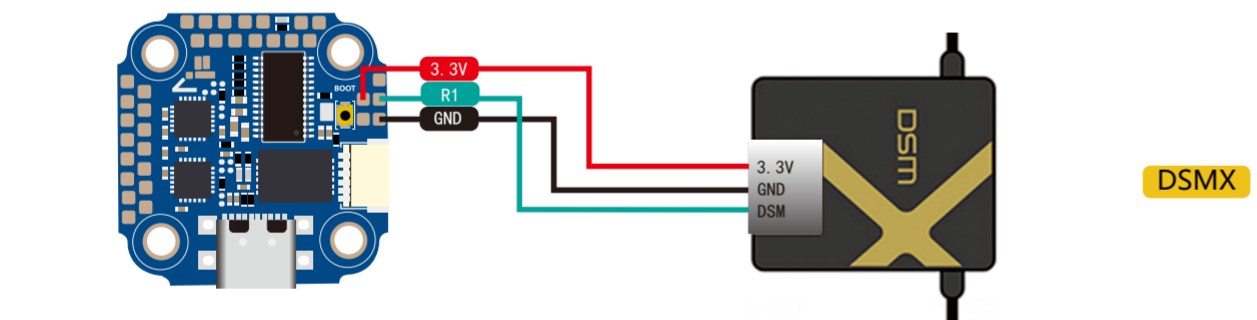
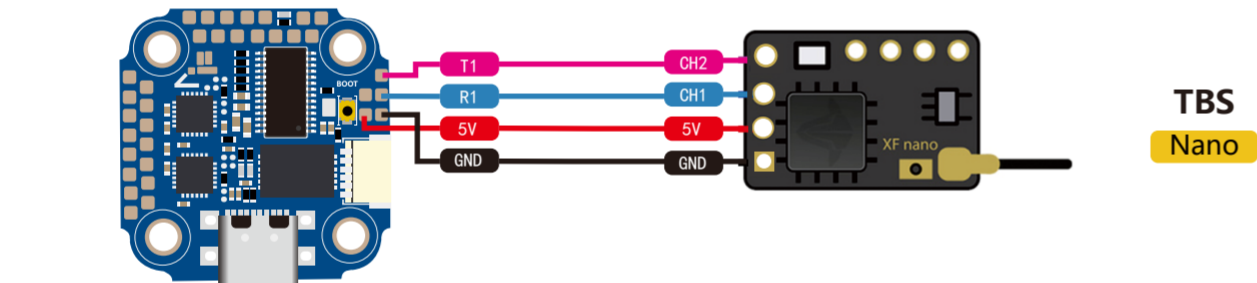
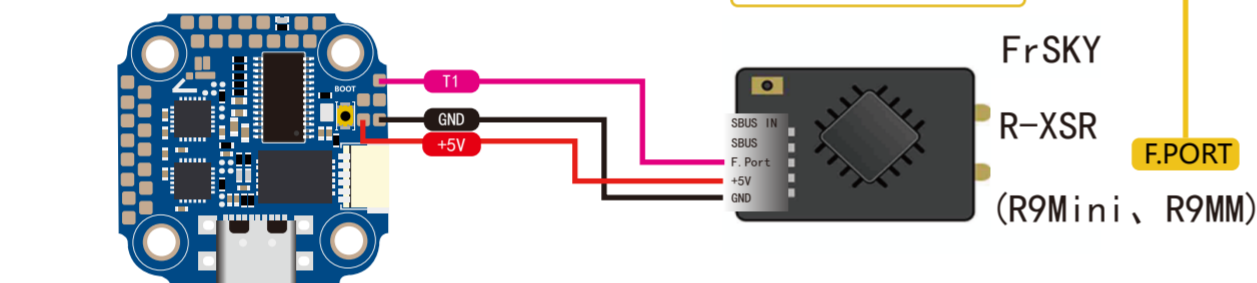
Serial-based receiver (SPEKSAT, \$) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SPEKTRUM2048 Serial Receiver Provider

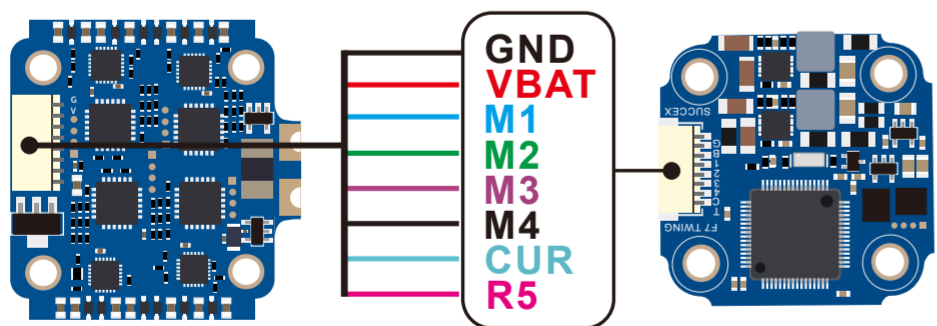


serialrx_provider=FPORT
serialrx_inverted=ON
serialrx_halfduplex=ON



ESC

iFlight-BL32-4IN1
BLHeli_32_32.6



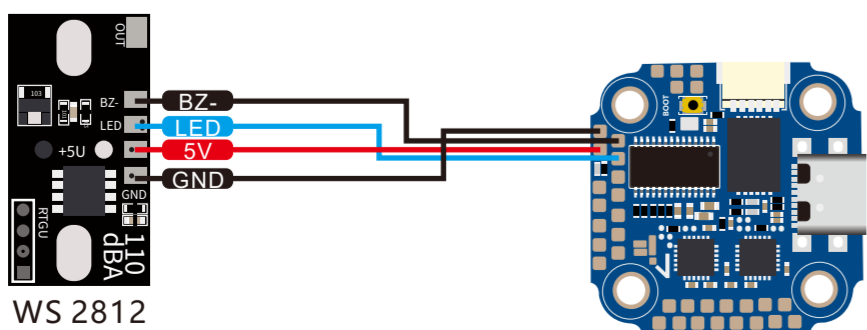
Amperage Meter

Battery 0.00 A

Scale [1/10th mV/A] 100

Offset [mA] 0

LED/BUZZER

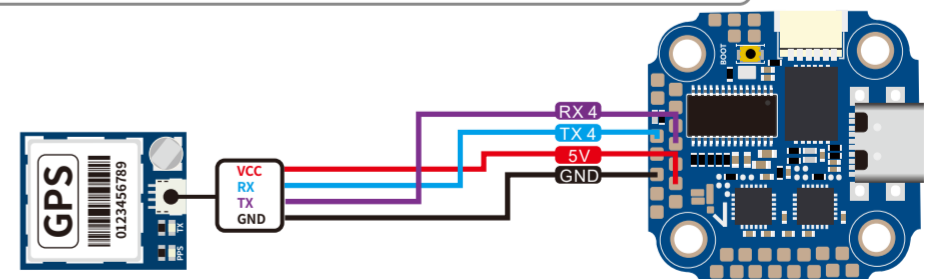


WS 2812

GPS

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled	AUTO	Disabled
UART1	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Disabled	AUTO	Disabled
UART2	<input checked="" type="checkbox"/> 115200	<input type="checkbox"/>	Disabled	AUTO	Disabled
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled	AUTO	Disabled
UART4	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled	GPS	AUTO
UART5	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled	AUTO	Disabled

If your UART4 Occupied, please put GPS Connect to the spare UART port



2

Setup

Ports

Configuration

GPS

GPS GPS for navigation and telemetry

Note: Remember to configure a Serial Port (via Ports tab) when using GPS feature.

UBLOX Protocol

Auto Baud

Auto Config

Auto-detect Ground Assistance Type

0.00 Magnetometer Declination [deg]