iFlight SucceX Micro V2.1 Tower Wiring diagram

Receiver
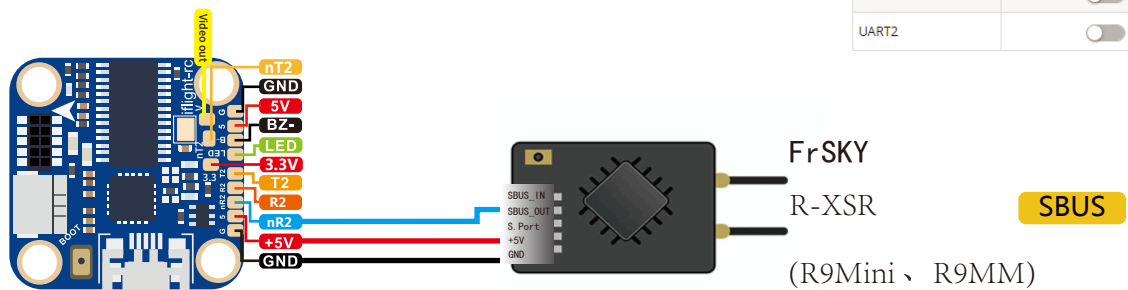
Firmware Target: IFLIGHT_F411_PRO(IFRC)
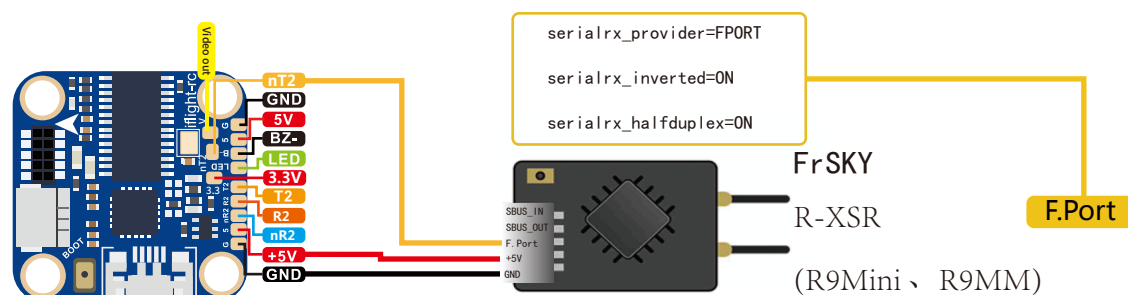
Ports

WIKI

Note: not all combinations are valid. When the flight controller firmware detects this serial port configuration will be reset.
Note: Do NOT disable MSP on the first serial port unless you know what you are doing. You may have to reflash and erase your configuration if you do.
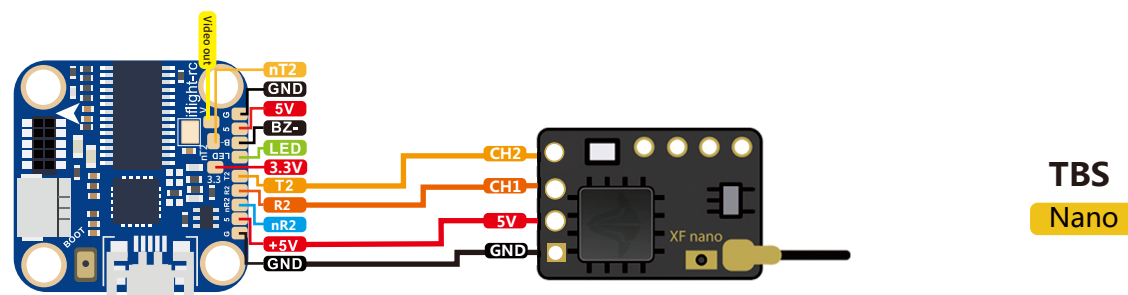
Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200 ▼		Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼
UART1	115200 ▼		Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	IRC Tramp ▼ AUTO ▼
UART2	115200 ▼		Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼	Disabled ▼ AUTO ▼

FrSKY R-XSR — SBUS — (R9Mini、R9MM)

Receiver
Serial-based receiver (SPEKSAT, S ▼) 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

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serialrx_provider=FPORT
serialrx_inverted=ON
serialrx_halfduplex=ON

FrSKY R-XSR — F.Port — (R9Mini、R9MM)

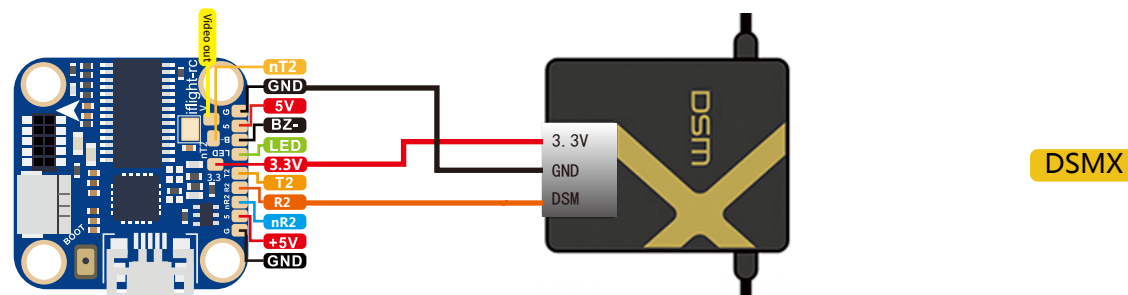**Receiver**
Serial-based receiver (SPEKSAT, S ▼) Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.
FrSky FPort ▼ Serial Receiver Provider

TBS Nano — XF nano — CH2, CH1

Receiver
Serial-based receiver (SPEKSAT, S ▼) Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.
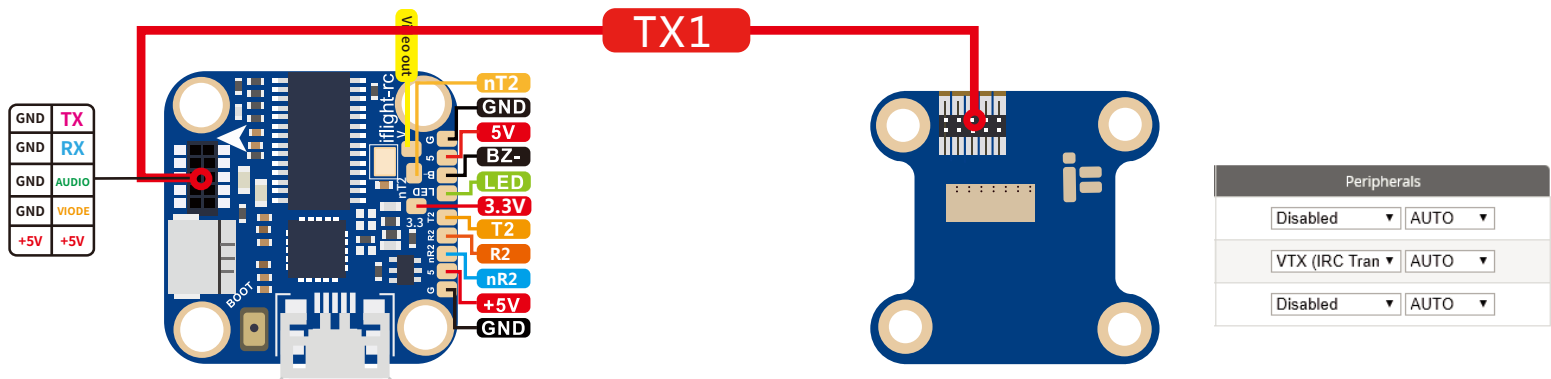CRSF ▼ Serial Receiver Provider

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DSMX — 3.3V, GND, DSM

Receiver
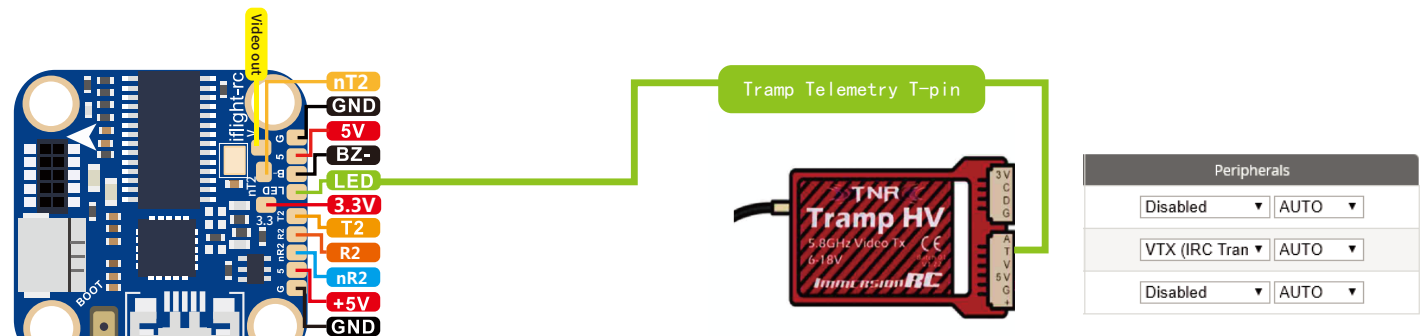Serial-based receiver (SPEKSAT, S ▼) Receiver Mode
Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.
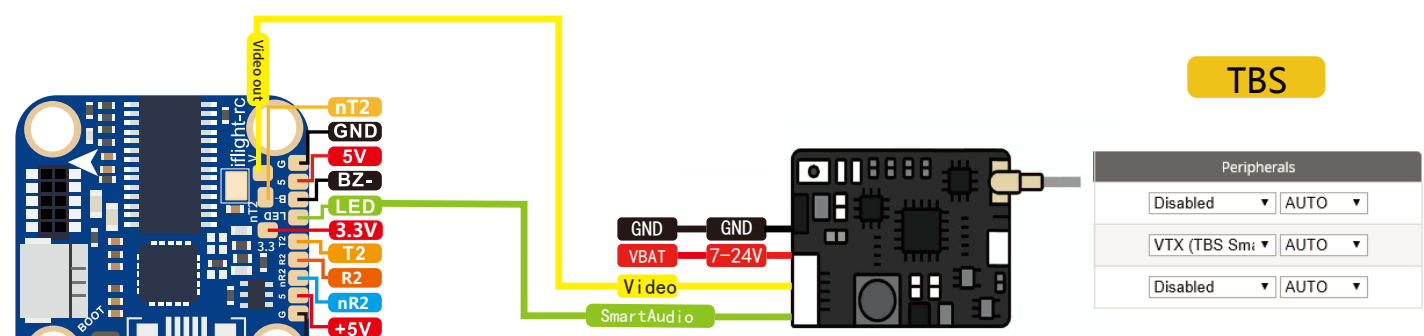SPEKTRUM2048 ▼ Serial Receiver Provider

VTX

TX1

GND	TX
GND	RX
GND	AUDIO
GND	VIDEO
+5V	+5V

Peripherals
Disabled ▼	AUTO ▼
VTX (IRC Tran ▼	AUTO ▼
Disabled ▼	AUTO ▼

Tramp Telemetry T-pin

TNR Tramp HV

Peripherals
Disabled ▼	AUTO ▼
VTX (IRC Tran ▼	AUTO ▼
Disabled ▼	AUTO ▼

To setup VTX telemetry (Smartaudio, Tramp) on a wire, please use the LED pad and remap with following CLI commands to make it become a SoftSerial port.

resource LED_STRIP 1 none
resource SERIAL_TX 1 none
resource LED_STRIP 1 A09
save

TBS

GND GND
VBAT 7~24V
Video
SmartAudio

Peripherals
Disabled ▼	AUTO ▼
VTX (TBS Sm ▼	AUTO ▼
Disabled ▼	AUTO ▼

To setup VTX telemetry (Smartaudio, Tramp) on a wire, please use the LED pad and remap with following CLI commands to make it become a SoftSerial port.

resource LED_STRIP 1 none
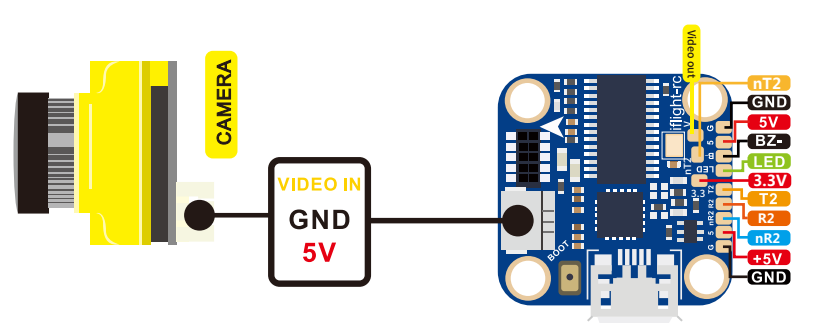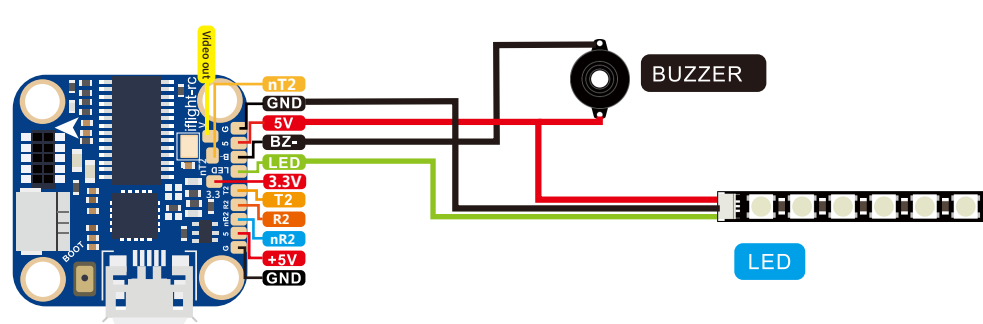resource SERIAL_TX 1 none
resource LED_STRIP 1 A09
save

CAM

CAMERA — VIDEO IN GND 5V

LED/BUZZ

BUZZER
LED

4IN 1ESC

G-H-30
BLHeli_S_16.7

CUR GND GND GND VBAT
M1 M2 M3 M4

Motor 2
Motor 1
Motor 4
Motor 3

ESC   F4