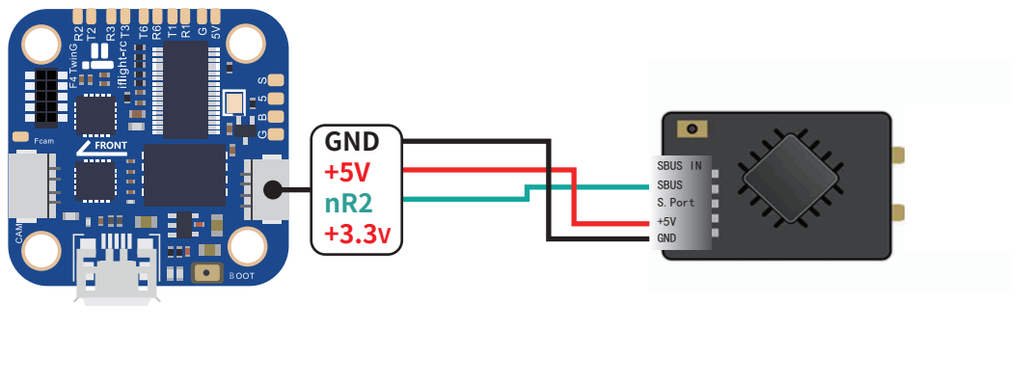
iFlight SucceX Mini F4 V3 Tower Wiring diagram

Receiver

Firmware Target: IFLIGHT_F405_TWING(IFRC)



SBUS

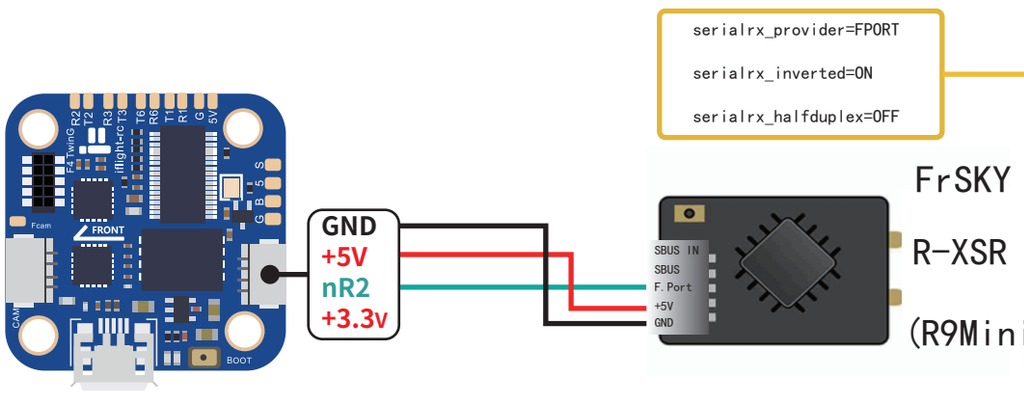
Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	✓
UART3	115200	
UART4	115200	
UART6	115200	

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



F.PORT

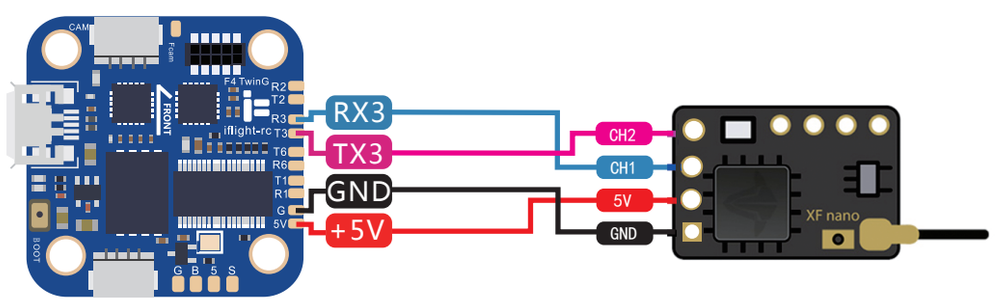
Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	✓
UART3	115200	
UART4	115200	
UART6	115200	

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

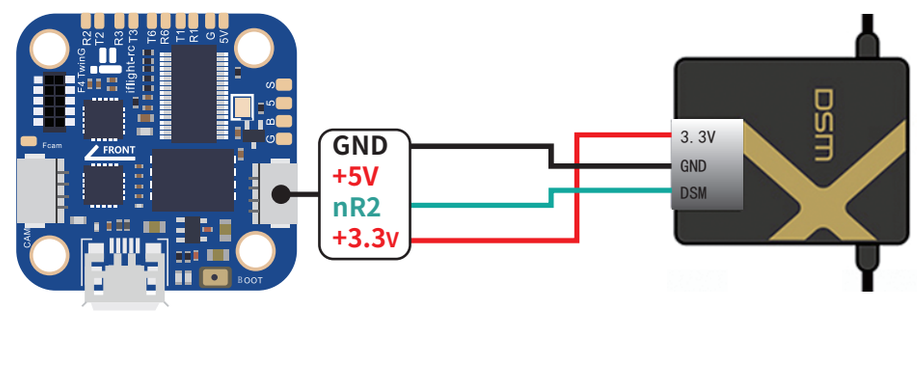
Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	
UART3	115200	✓
UART4	115200	
UART6	115200	

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



DSMX

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

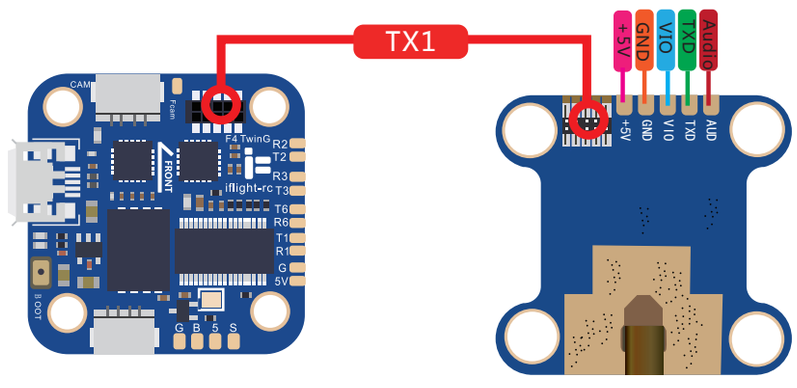
Receiver

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.

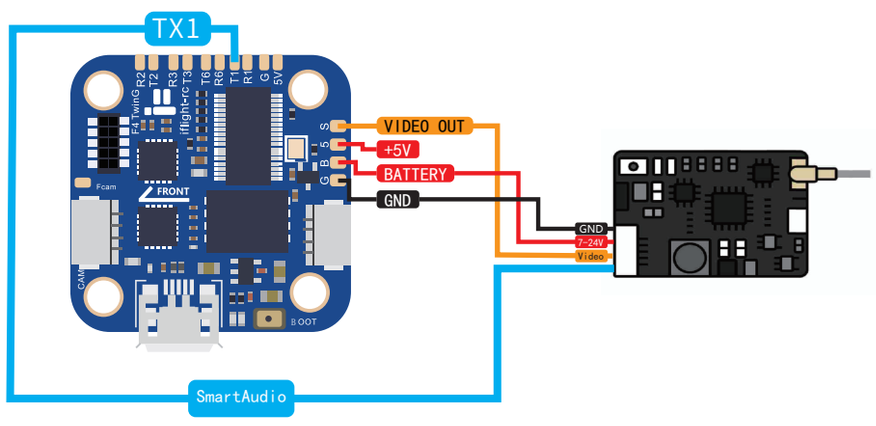
SPEKTRUM2048 — Serial Receiver Provider

VTX



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

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

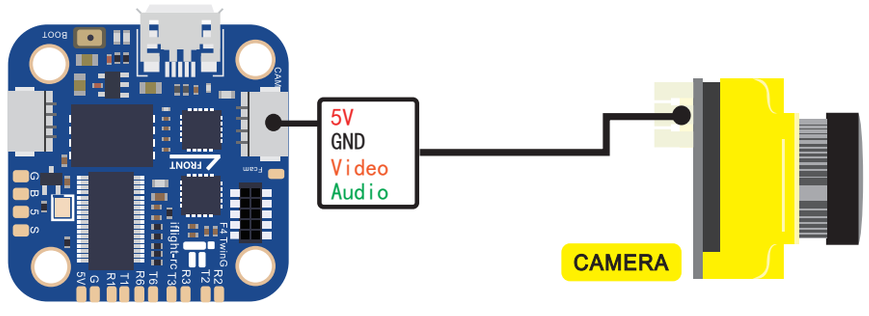


TBS

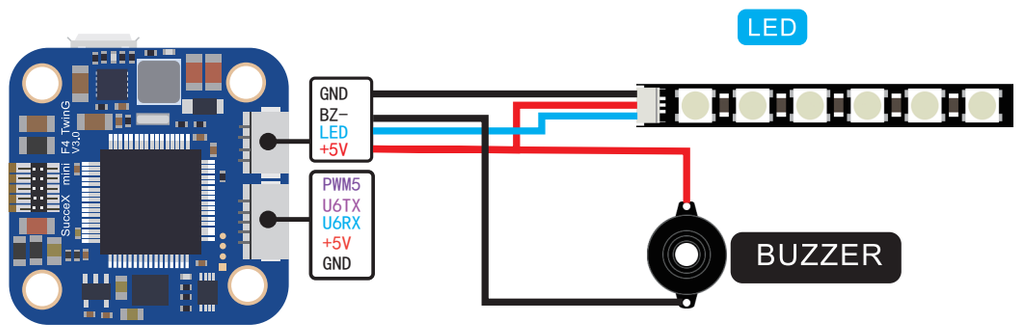
Peripherals	
Disabled	AUTO
VTX (TBS Sma	AUTO
Disabled	AUTO
Disabled	AUTO
Disabled	AUTO
Disabled	AUTO

Disabled
Blackbox logging
VTX (TBS SmartAudio)
VTX (IRC Tramp)
Camera (RunCam Protocol)
Benewake LIDAR

CAM

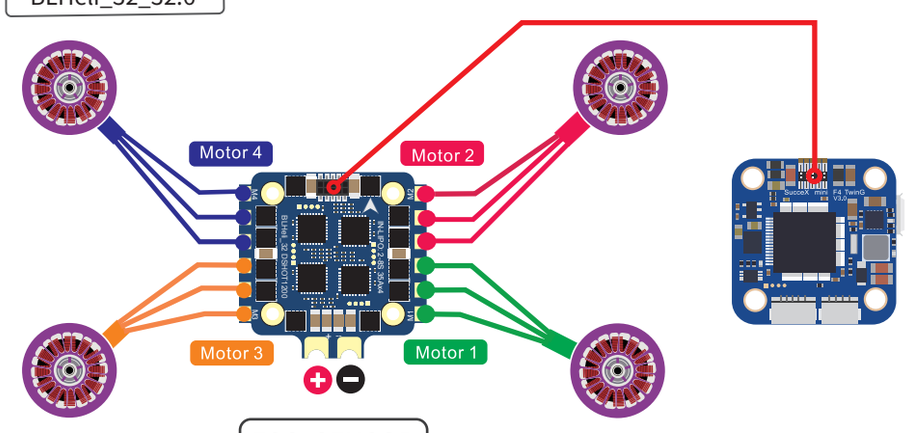


LED/BUZZER



4IN 1ESC

iFlight-BL32-4IN1
BLHeli_32_32.6



ESC_SENSOR

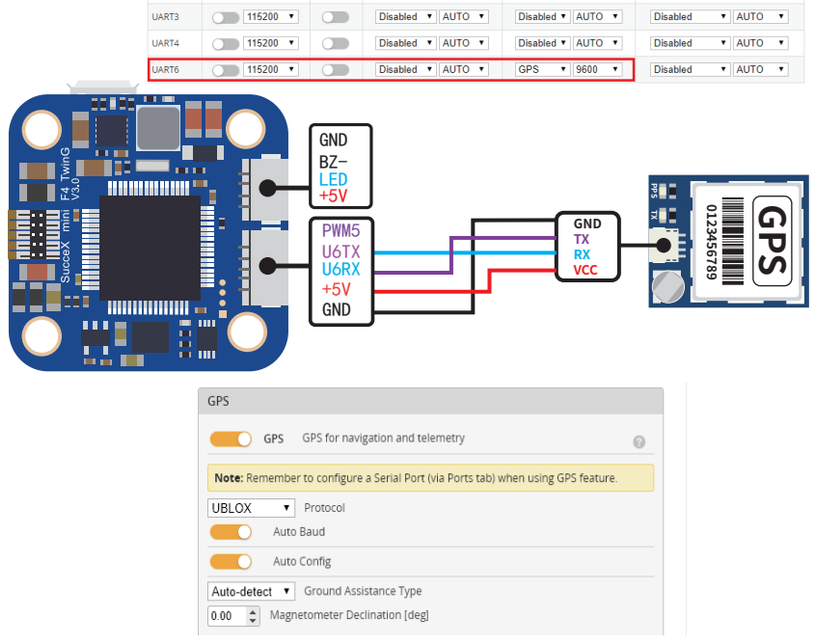
UART6	115200		Disabled	AUTO	ESC	AUTO

Amperage Meter: Battery 0.00 A — Scale [1/10th mV/A] 100 — Offset [mA] 20

ESC_SENSOR — Use KISS/BLHeli_32 ESC telemetry as sensor

GPS

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	VTX (IRC Tran AUTO
UART2	115200	✓	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART3	115200		Disabled AUTO	Disabled AUTO	Disabled AUTO
UART4	115200		Disabled AUTO	Disabled AUTO	Disabled AUTO
UART6	115200		Disabled AUTO	GPS 9600	Disabled AUTO



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]