GEP-F722-35A AIO

FC:F722
ESC:BLS_35A

Specification:

Model Name:	GEP-F722-35A AIO
MCU:	STM32F722
Gyro:	MPU6000
Firmware target:	GEPRC_F722_AIO
OSD:	Betaflight OSD w/ AT7456Ev
Current:	YES
Beeper:	YES
LED:	YES
Black Box:	16MB
USB:	micro USB
BEC output:	5V@1A
ESC MCU:	8BB21F16G
Continuous current:	35A
MAX current:	40A (10s)
Input Voltage:	2-6S LiPo
Supports:	Dshot600,Oneshot,Multishot
ESC Traget:	G_H_30
Size:	32x32mm
Installing Hole:	26.5x26.5mm(M2)
Weight:	8.3g

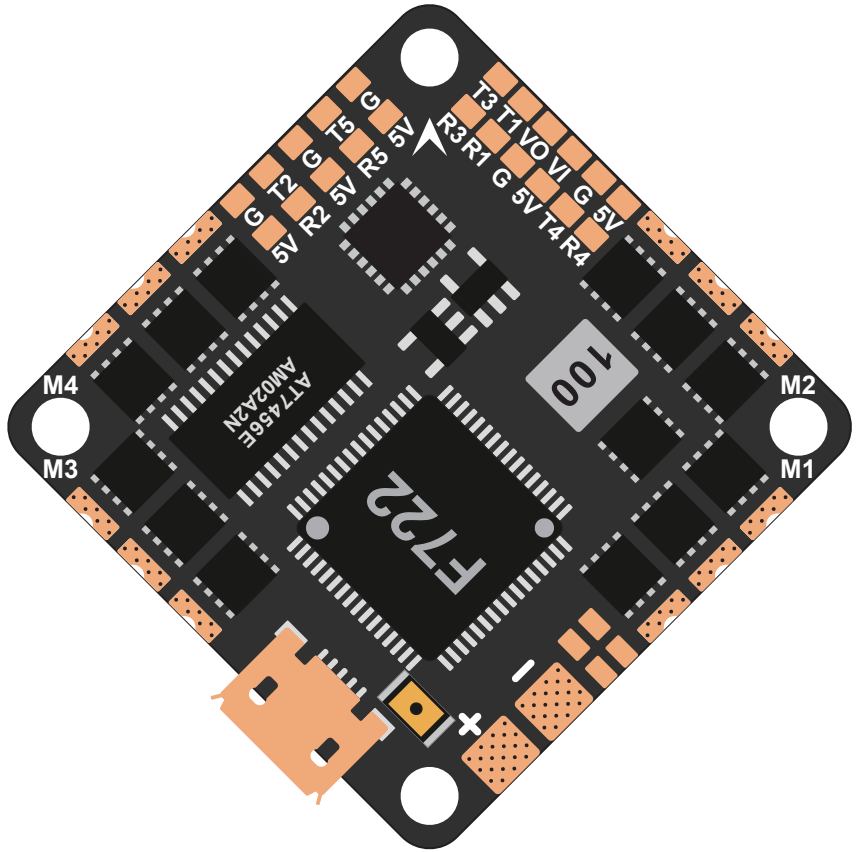
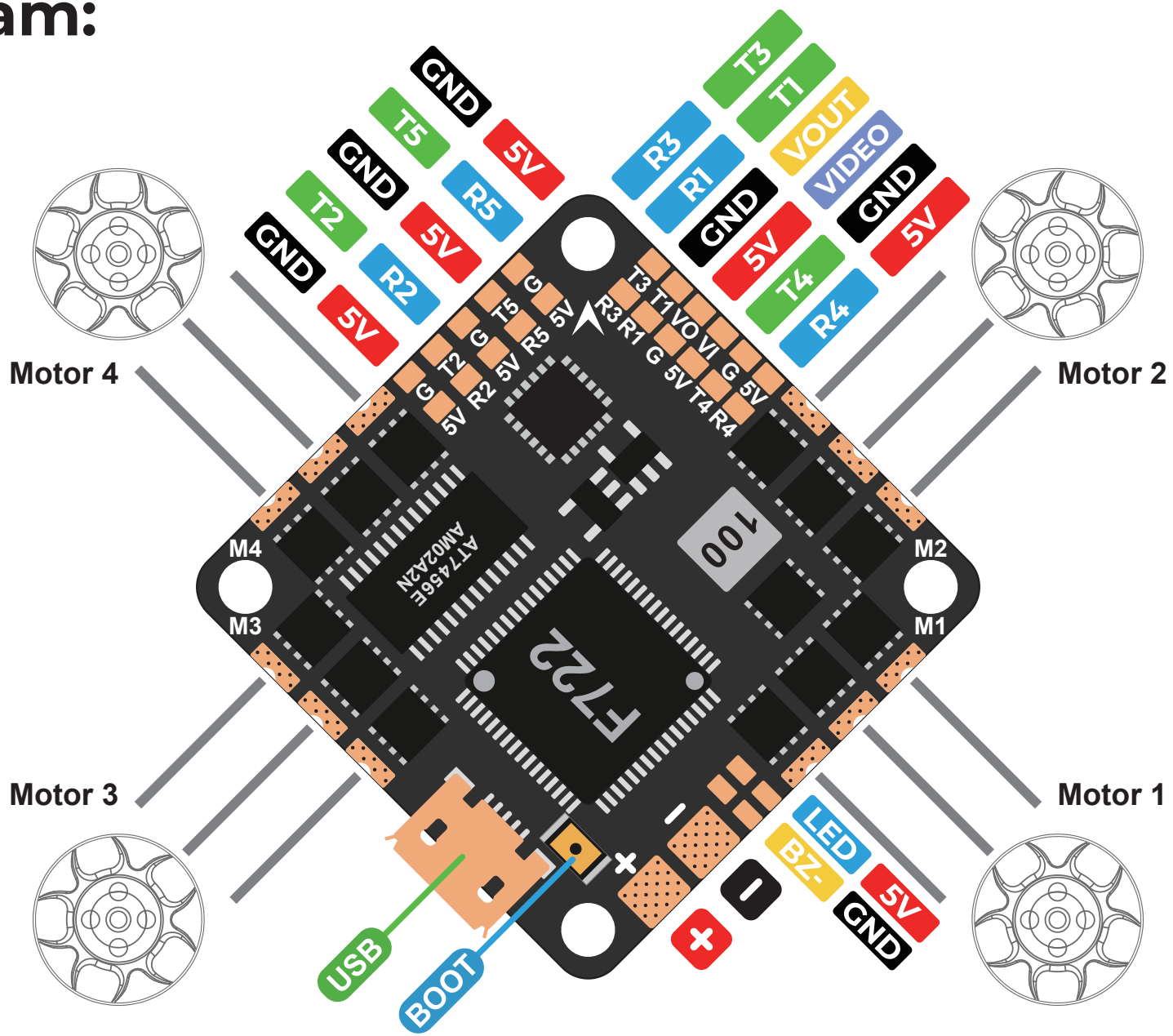


Diagram:


Motor 4
Motor 2
Motor 3
Motor 1
GND
T5
5V
GND
T2
R5
5V
GND
R2
5V
T3
T1
VOUT
VIDEO
GND
5V
R3
R1
GND
5V
T4
R4
M4
M2
M3
M1
F722
100
ATT456E
AM02A2N
USB
BOOT
LED
BZ-
5V
GND

DJI Diagram FPV System:

Identifier	Configuration/MSP	Serial RX
USB VCP	115200	
UART1	115200	
UART2	115200	

Receiver

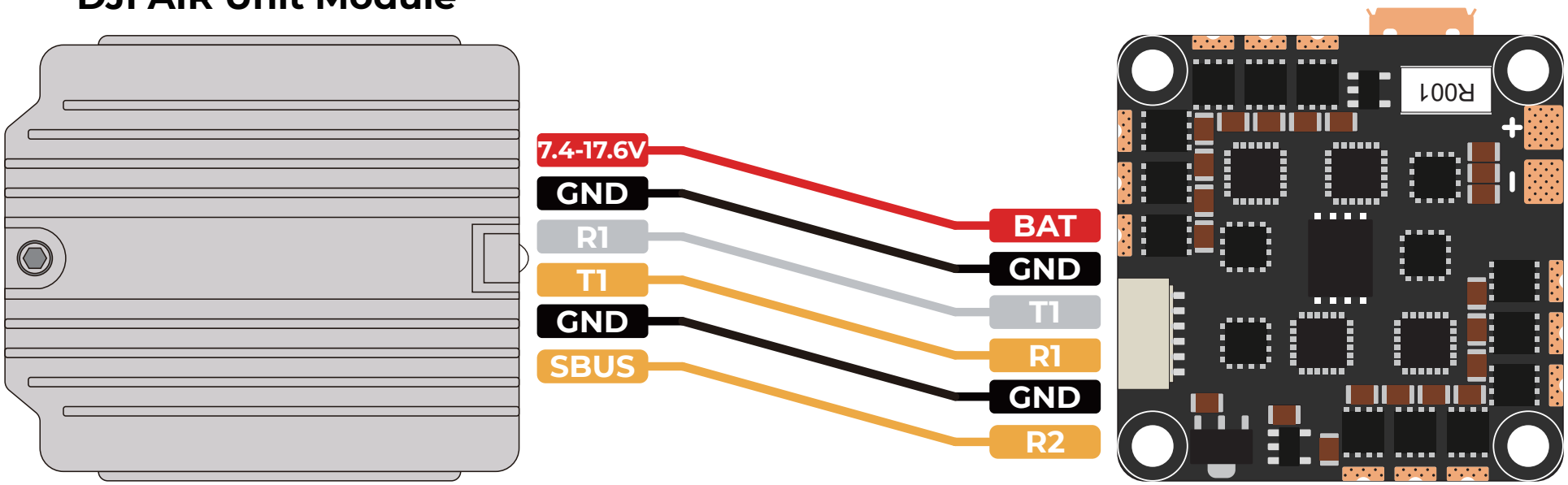
Serial-based receiver(SPEKSAT,S — Receiver Mode

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

SBUS — Serial Receiver Provider

DJI AIR Unit Module Input Voltage: 2-4S LIPO

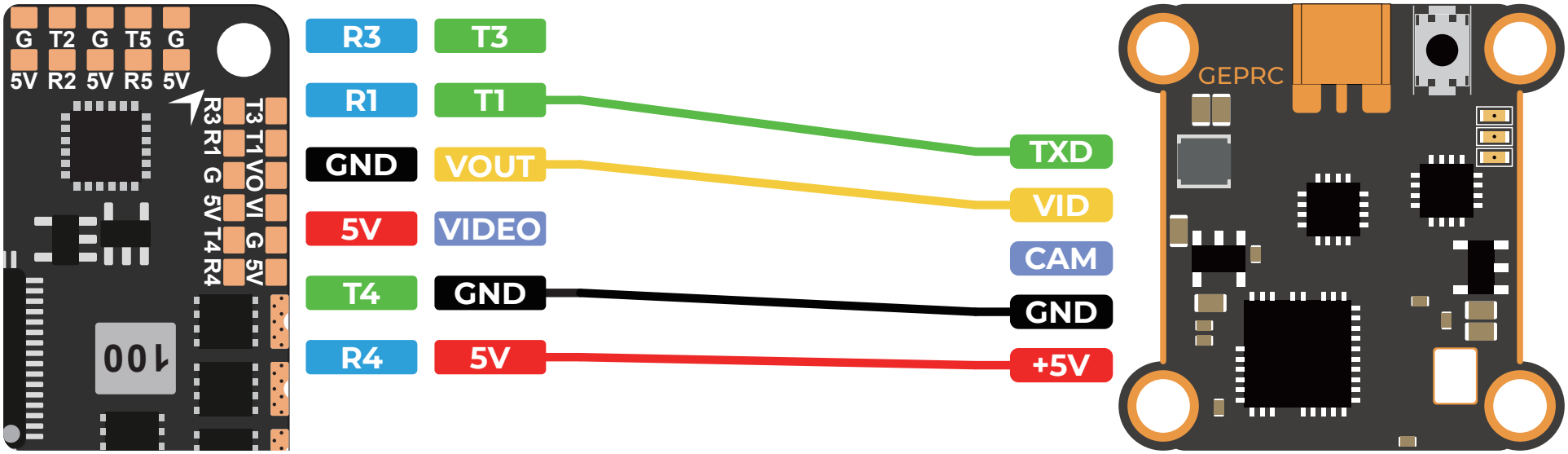
DJI AIR Unit Module



Analog VTX:

Identifier	Configuration/MSP	.....	Peripherals
USB VCP	115200 ▼	.....	Disabled ▼ AUTO ▼
UART1	115200 ▼	.....	VTX,IRC Tamp ▼ AUTO ▼
UART2	115200 ▼	.....	Disabled ▼ AUTO ▼

Other Features	
	AIRMODE
	OSD
	DYNAMIC_FILTER

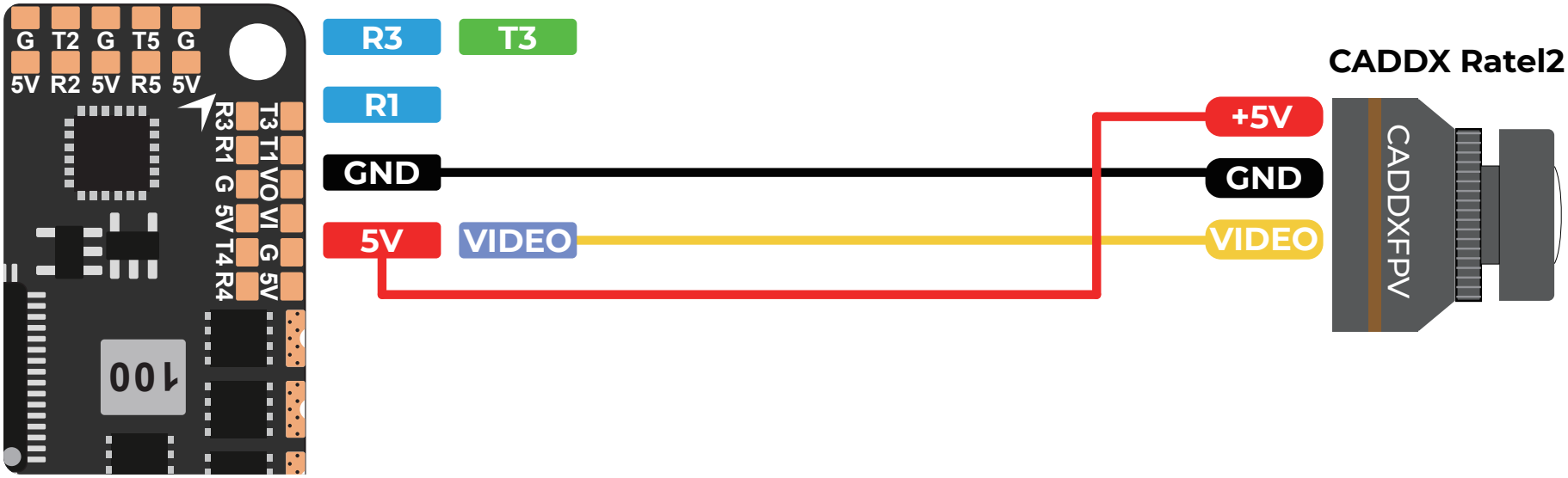


STABLE VTX58600N

Camera:

Other Features

○	AIRMODE	Permanently enable Airmode
●	OSD	On Screen Display
○	DYNAMIC_FILTER	Dynamic gyro notch filtering



Receiver:

Identifier	Configuration/MSP	Serial RX
USB VCP	115200 ▼	
UART1	115200 ▼	
UART2	115200 ▼	

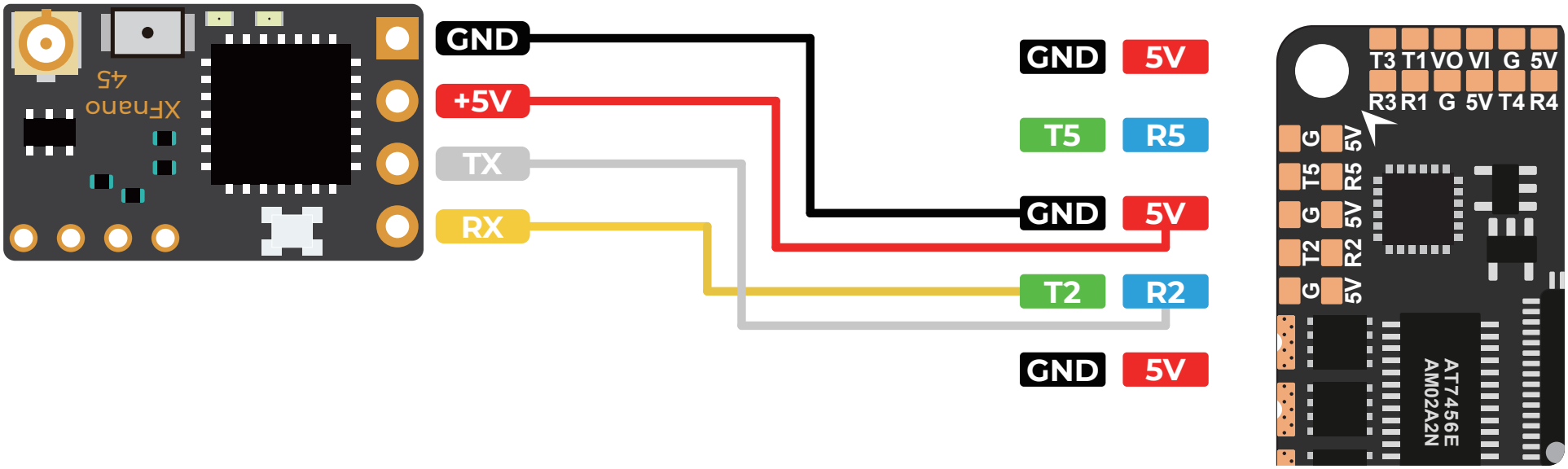
Receiver

Serial-based receiver(SPEKSAT,S ▼ Receiver Mode

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

CRSF ▼ Serial Receiver Provider

TBS NanoRX



Receiver:

Identifier	Configuration/MSP	Serial RX
USB VCP	115200 ▼	
UART1	115200 ▼	
UART2	115200 ▼	

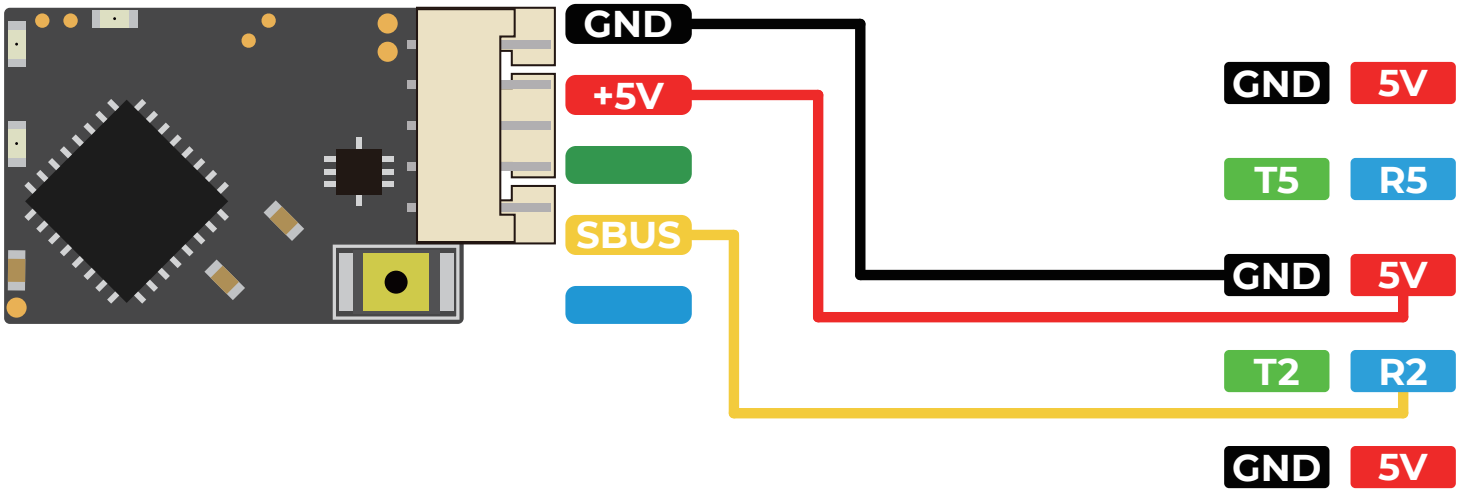
Receiver

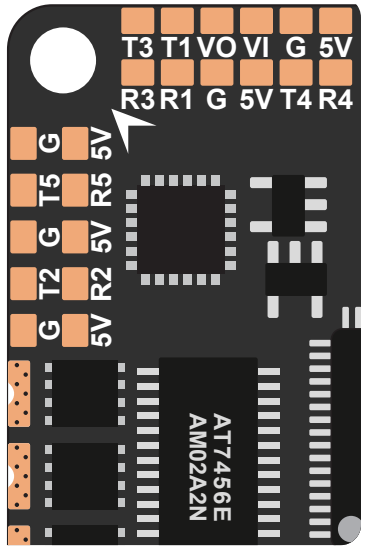
Serial-based receiver(SPEKSAT,S ▼ Receiver Mode

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

SBUS ▼ Serial Receiver Provider

FrSky R-XSR

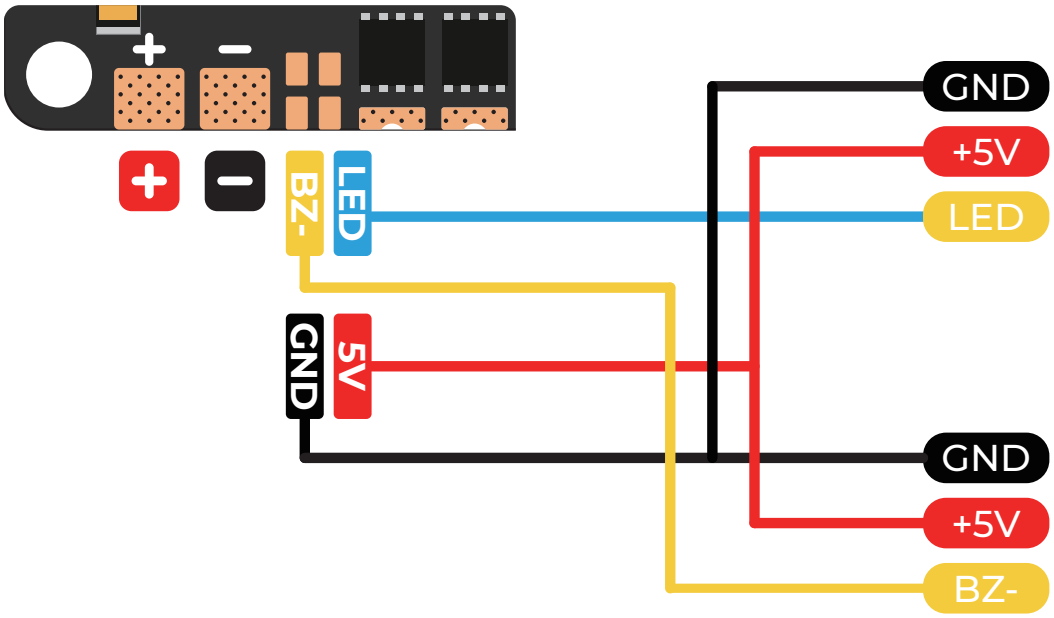




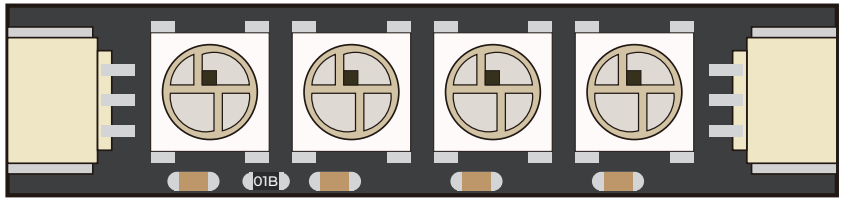
Buzzer & Led Board:

Other Features	
○	TELEMETRY
●	LED_STRIP
○	DISPLAY

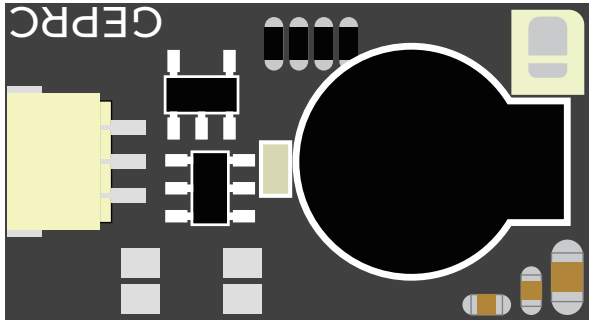
Beeper Configuration	
●	GYRO_CACIBRATED
●	RX_LOST
●	RX_LOST_LOADING
●	.....



GEPRC LED Board



GEPRC Super Buzzer

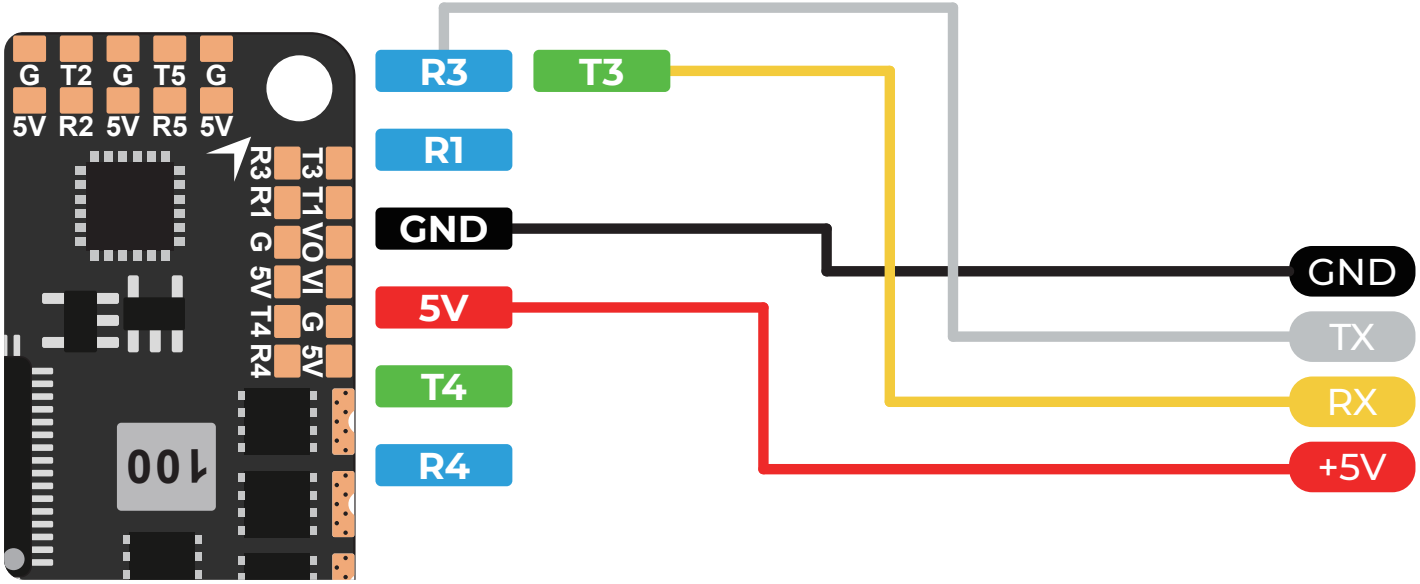


GPS:

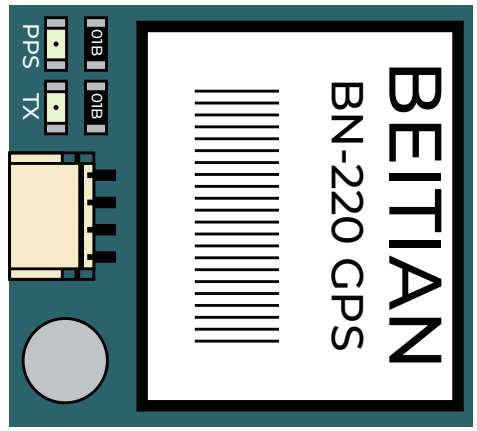
Identifier	Configuration/MSP	.....	Sensor input
USB VCP	115200	.....	Disabled / AUTO
UART2	115200	.....	Disabled / AUTO
UART3	115200	.....	GPS / AUTO

GPS

GPS GPS for navigation...



Beitian BN-220



Include:

1 x GEP-F722-35A AIO

1 x XT30-7CM-18AWG Power cables

1 x 35V220UF capacitor

1 x SH1.0-6Pin to GH1.25-8Pin cables

1 x SH1.0-6Pin Cables

8 x M2*6.5mm Damping rings

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