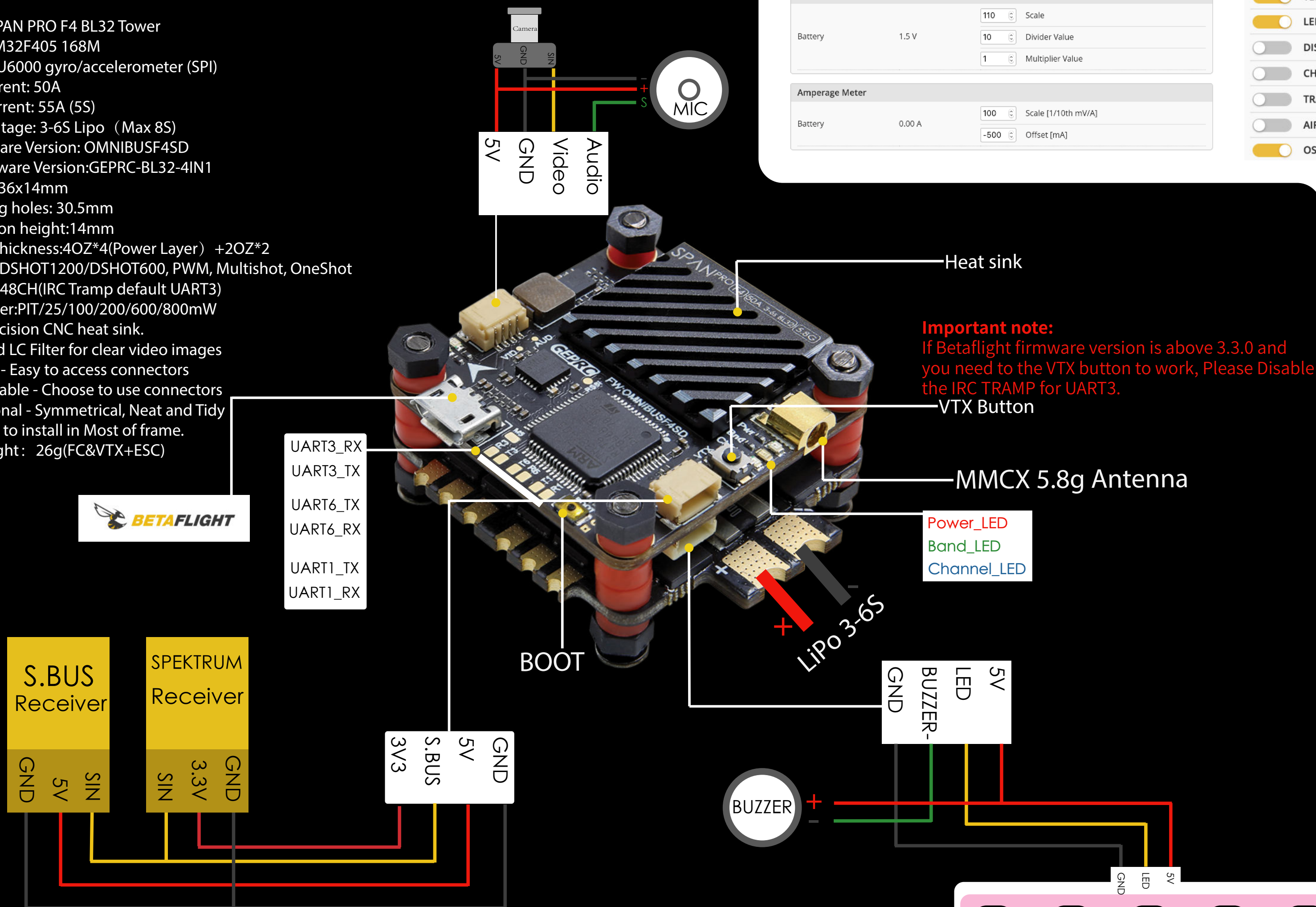


SPAN^{PRO} F405 50A 3-6s BL32 5.8G

Features:

Model: SPAN PRO F4 BL32 Tower
MCU: STM32F405 168M
IMU: MPU6000 gyro/accelerometer (SPI)
Con. Current: 50A
Burst Current: 55A (5S)
Input Voltage: 3-6S Lipo (Max 8S)
FC firmware Version: OMNIBUSF4SD
ESC firmware Version: GEPRC-BL32-4IN1
Size: 36x36x14mm
Mounting holes: 30.5mm
Installation height: 14mm
Copper thickness: 40Z*4(Power Layer) + 20Z*2
Support DSHOT01200/DSHOT600, PWM, Multishot, OneShot
Channel: 48CH (IRC Tramp default UART3)
VTX Power: PIT/25/100/200/600/800mW
High precision CNC heat sink.
On-Board LC Filter for clear video images
Practical - Easy to access connectors
Configurable - Choose to use connectors
Professional - Symmetrical, Neat and Tidy
and Easy to install in Most of frame.
Total weight: 26g (FC+VTX+ESC)



Press and hold the key for 3 seconds	Set the Channel	BLUE: Frequency channel display, the number of flash represents 1 to 8 channels, 1 = CH1, 2 = CH2, ... 8 = CH8. (Short Press)
Press and hold the key for 3 seconds	Set the Band	GREEN: Frequency Band display, the number of flashes represents the frequency group from A to H, 1=A, 2=B, ..., 6=H. (Short Press)
Press and hold the key for 3 seconds	Set the Power	RED: Power output display, 1 = 25mW, 2 = 100mW, 3 = 200mW, 4 = 600mW, 5 = 800mW. (Short Press)

	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
Band A	5865	5845	5825	5805	5785	5765	5745	5725
Band B	5733	5752	5771	5790	5809	5828	5847	5866
Band E	5705	5685	5665	5645	5885	5905	5925	5945
Band F	5740	5760	5780	5800	5820	5840	5860	5880
Band R	5658	5695	5732	5769	5806	5843	5880	5917
Band H	5362	5399	5436	5473	5510	5547	5584	5621

How to turn VTX on and off?

In the working state, quickly double-click the set button, RED / GREEN / BLUE sync flash, VTX can be turned off, and also quickly double-click of the key to open the VTX output.

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
UART3	<input type="checkbox"/> 115200	<input type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO
UART6	<input type="checkbox"/> 115200	<input checked="" type="checkbox"/>	Disabled AUTO	Disabled AUTO	Disabled AUTO

Voltage Meter

Battery 1.5 V

Scale

Divider Value

Multiplier Value

Amperage Meter

Battery 0.00 A

Scale [1/10th mW/A]

Offset [mA]

☒ TELEMETRY Telemetry output

☒ LED_STRIP Multi-color RGB LED strip support

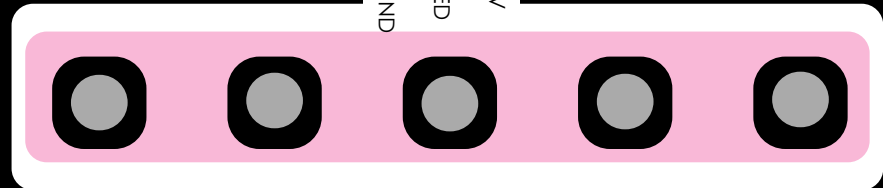
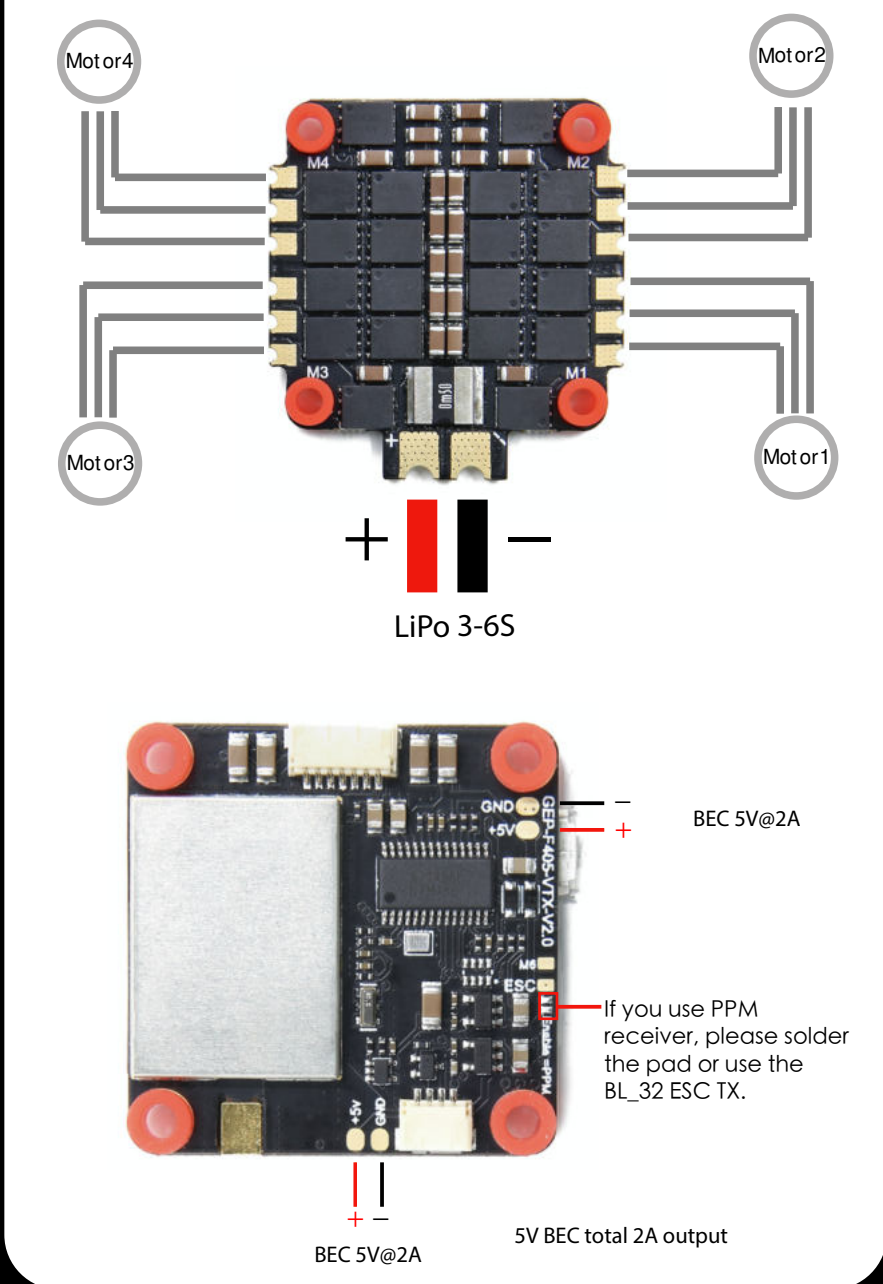
☐ DISPLAY OLED Screen Display

☐ CHANNEL_FORWARDING Forward aux channels to servo outputs

☐ TRANSPONDER Race Transponder

☐ AIRMODE Permanently enable Airmode

☒ OSD On Screen Display



Betaflight-Configurator

<https://github.com/betaflight/betaflight-configurator>



Betaflight-Firmware

FC Firmware Version: OMNIBUSF4SD

<https://github.com/betaflight/betaflight-configurator/releases>



BLHeli_32

ESC firmware Version:GEPRC-BL32-4IN1

<https://github.com/bitdump/BLHel>



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GEPRC Groups

facebook.com/groups/566794893526546/



www.geprc.com

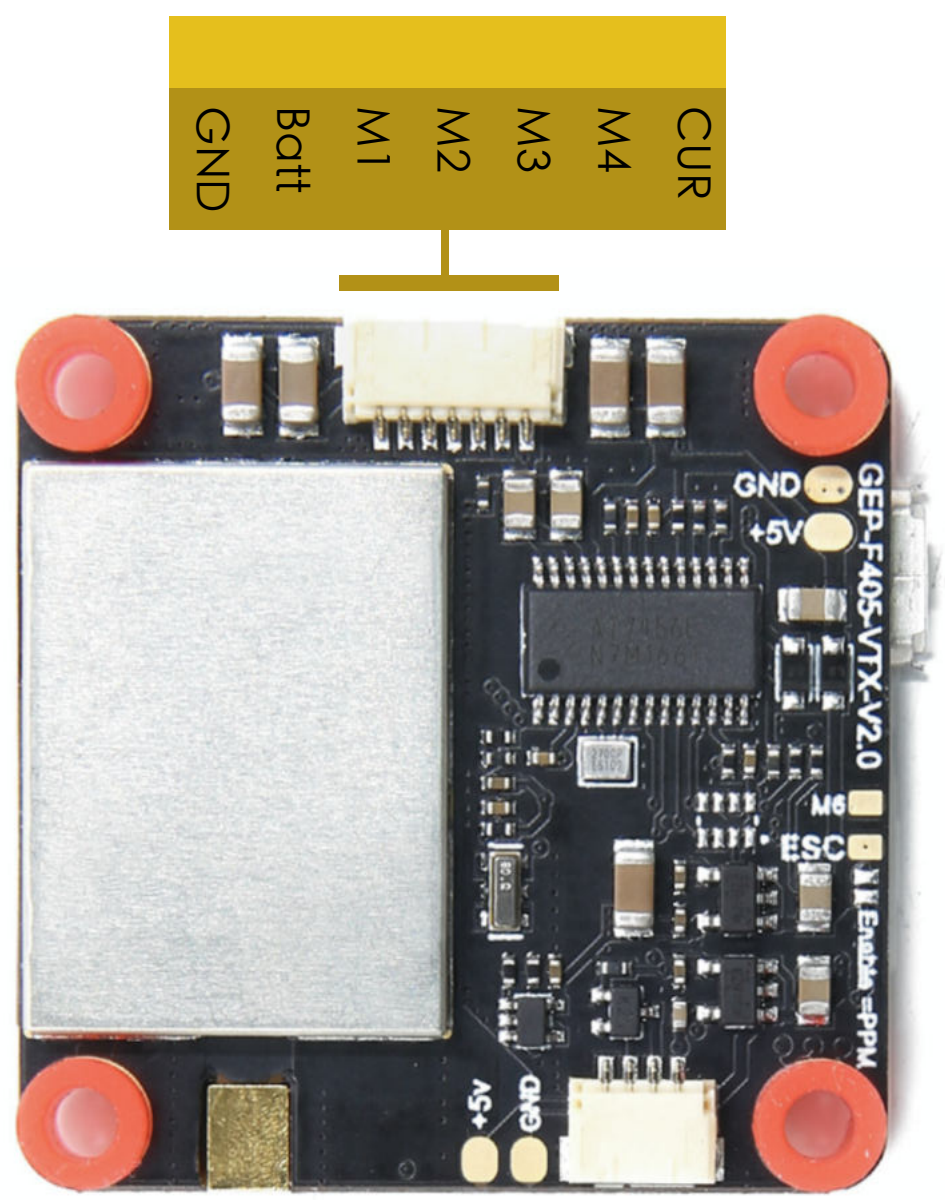
Specifications:

FC&VTX Board:

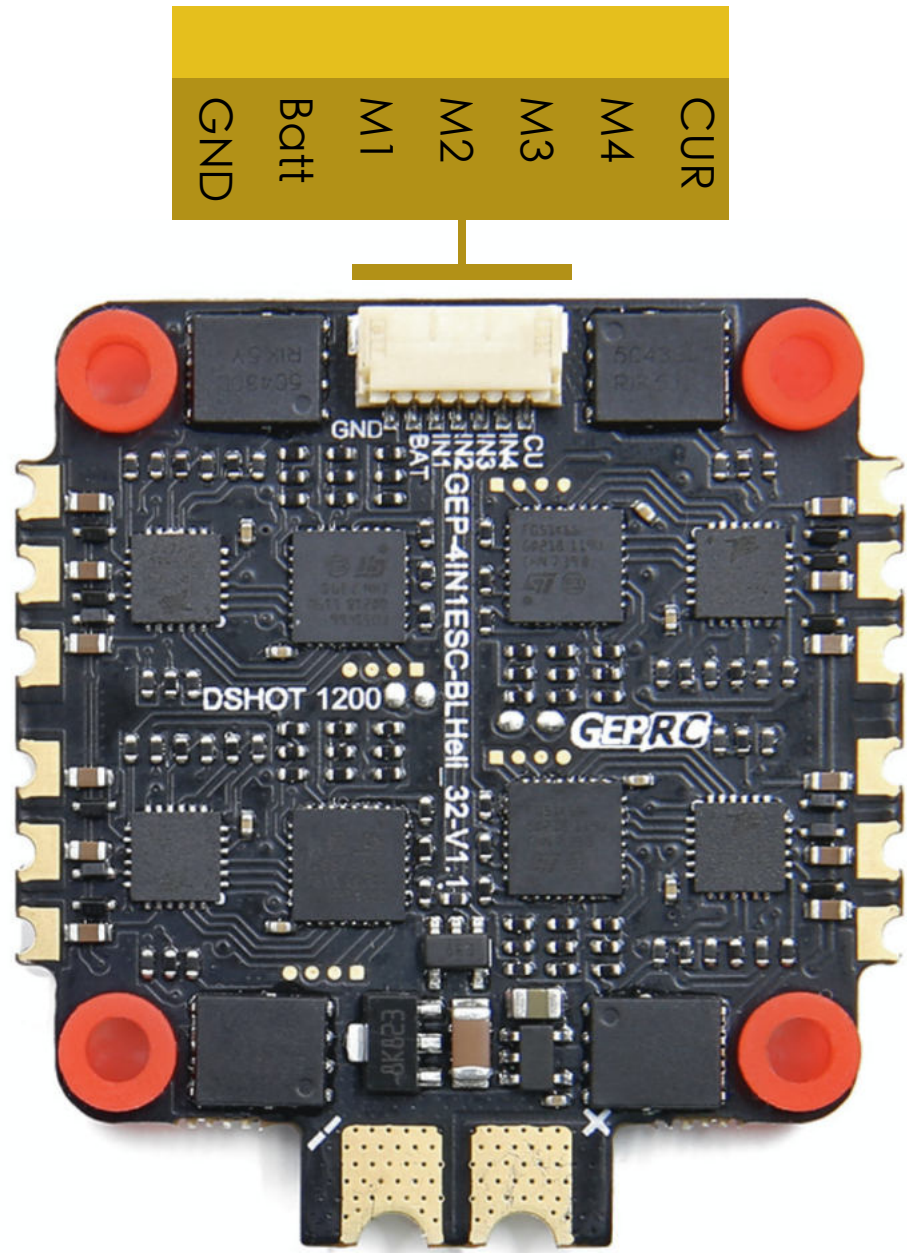
Model: GEP-F405-VTX58800-2.0
MCU: STM32F405 168M
IMU: MPU6000 gyro/accelerometer (SPI)
Firmware Version: OMNIBUSF4SD
Channel:48CH(IRC Tramp default UART3)
VTX Power:PIT/25/100/200/600/800mW
OSD: BetaFlight OSD
Input Voltage: 3-6S Lipo(MAX 8S)
BEC Output:5V@2A
Size:36x36mm board
Mounting hole: 30.5x30.5mm/Φ4mm
Weight:11g
Integrated LC Filter

4IN1 50A BLHeli_32 ESC Board:

Model: GEP-BL32-50A-4IN1
PDB: Integrated
Battery Monitoring: Integrated
Current sensor:Support
Input Voltage: 3-6S Lipo(MAX 8S)
BEC: NO
Con. Current: 50A
Burst Current: 55A (5S)
Support DSHOT1200/DSHOT600, PWM, Multishot, OneShot
Firmware Version:GEPRC-BL32-4IN1
Mounting hole: 30.5x30.5mm/Φ4mm
Size:36*36mm
Copper thickness:4OZ*4(Power Layer) +2OZ*2
weight:15g



Flight controller and VTX



BLHeli_32 ESC 50A 3-6S