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Link do produktu: <https://www.nobshop.pl/stack-t-motor-fc-f7-esc-f45a-pro-v2-p-3089.html>



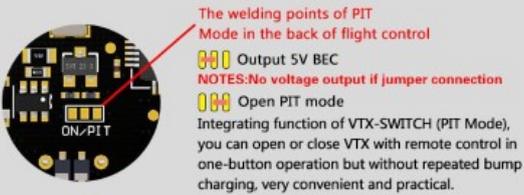
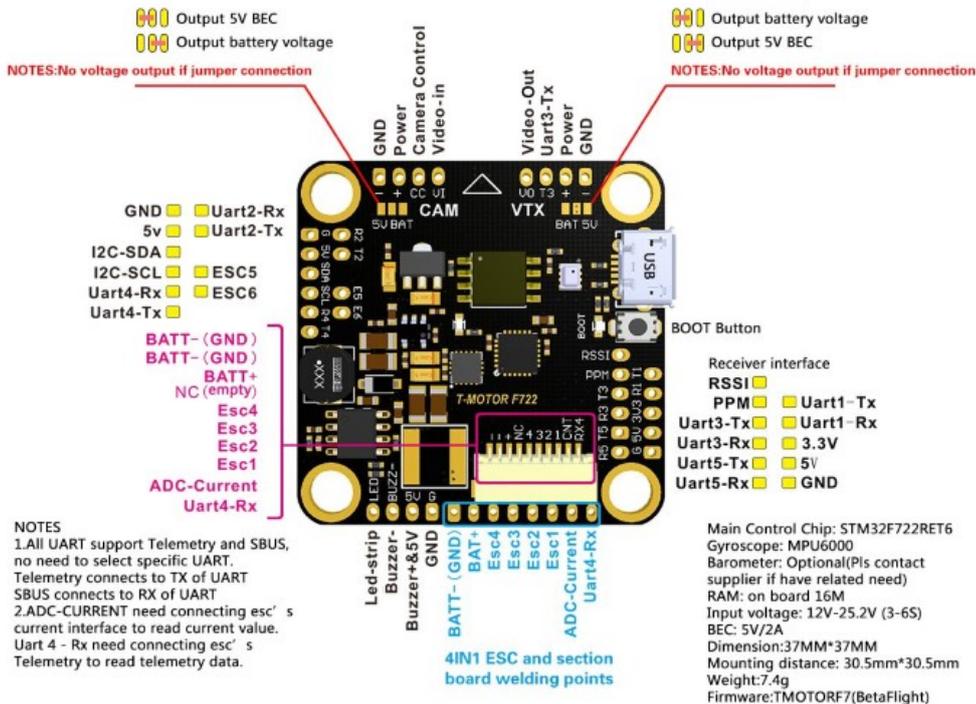
## Stack T-Motor FC F7 + ESC F45A Pro V2

Cena brutto	<b>460,00 zł</b>
Cena netto	<b>373,98 zł</b>
Dostępność	<b>Aktualnie niedostępny</b>
Czas wysyłki	<b>1 - 3 dni</b>
Producent	<b>T-Motor</b>

### Opis produktu

#### **Stack T-Motor FC F7 + ESC F45A Pro V2**

## TMOTOR F7 Interface Definition Figure



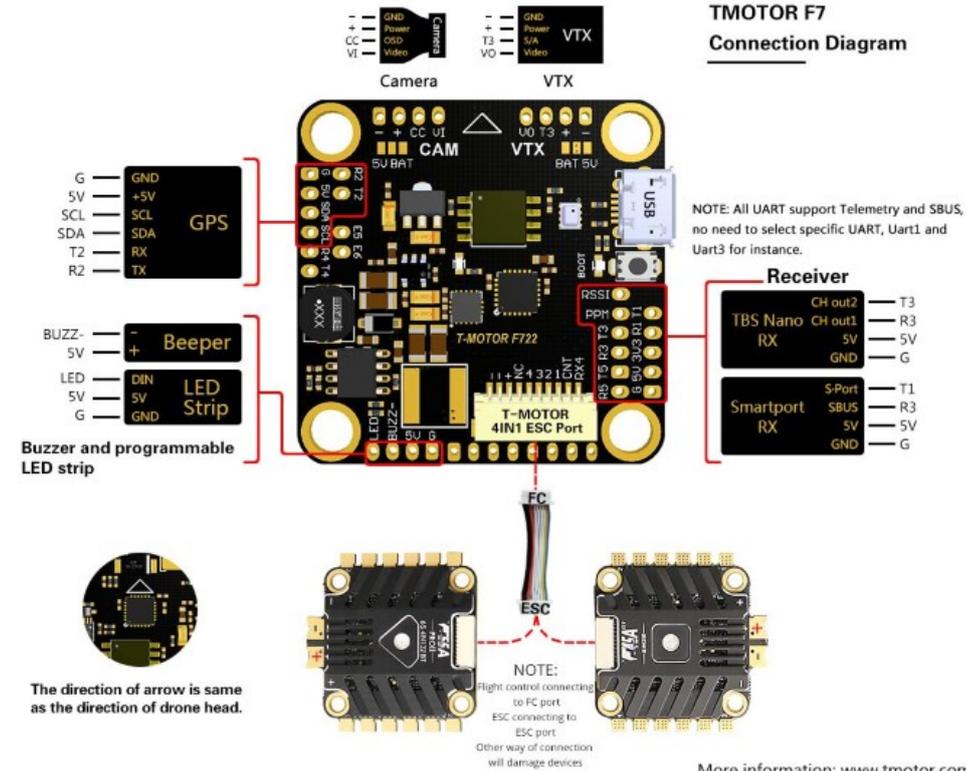
**VTX PIT MODE**

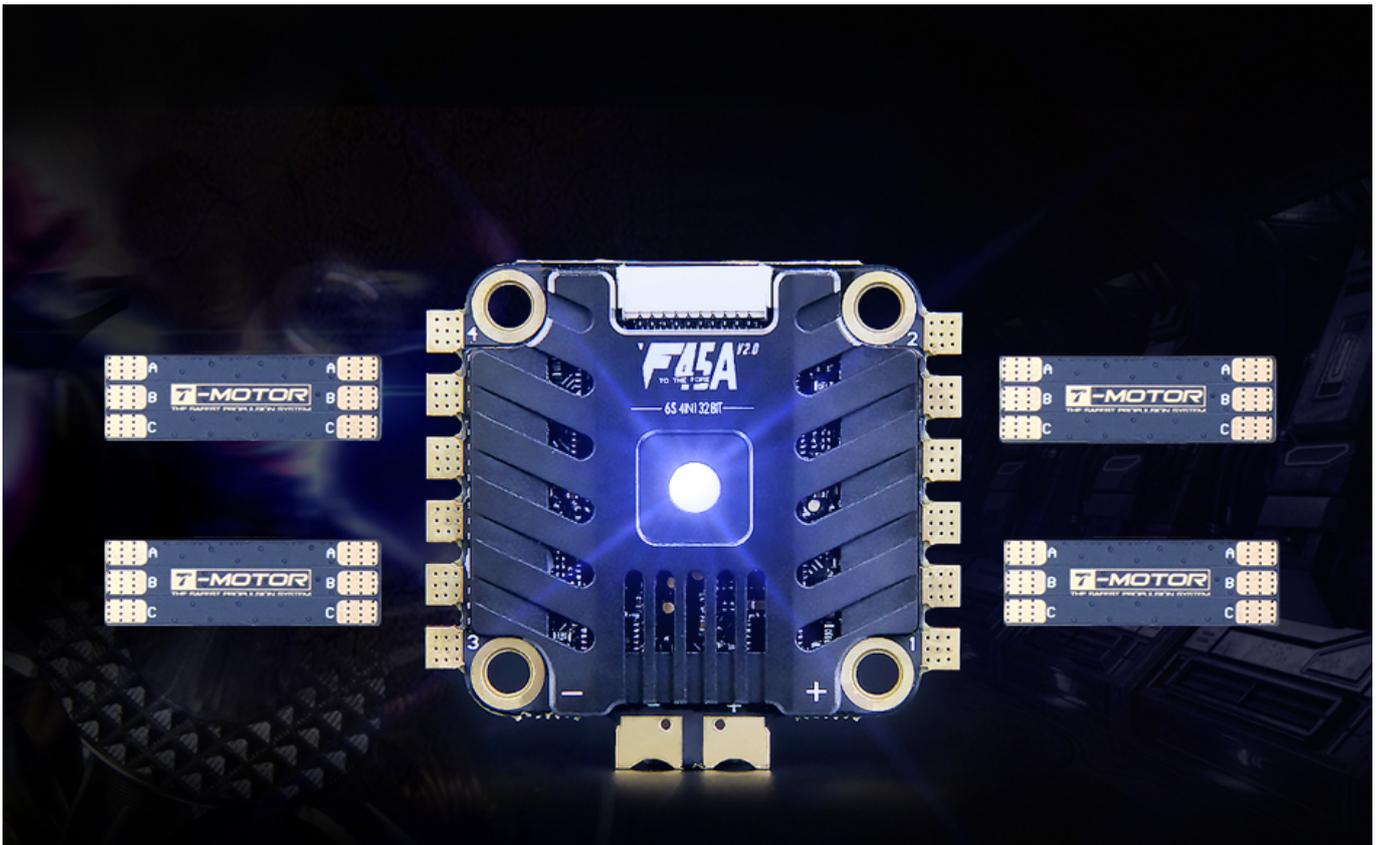
Link adding	Minimum: 900
Range adding	Maximum: 1075

Method that turning on PIT Mode:

Entering BetaFlight, cli insert "resource PINIO 1 C14 set pinio\_box = 39,0,0,0 save" and adding a custom switch in this mode.

## TMOTOR F7 Connection Diagram



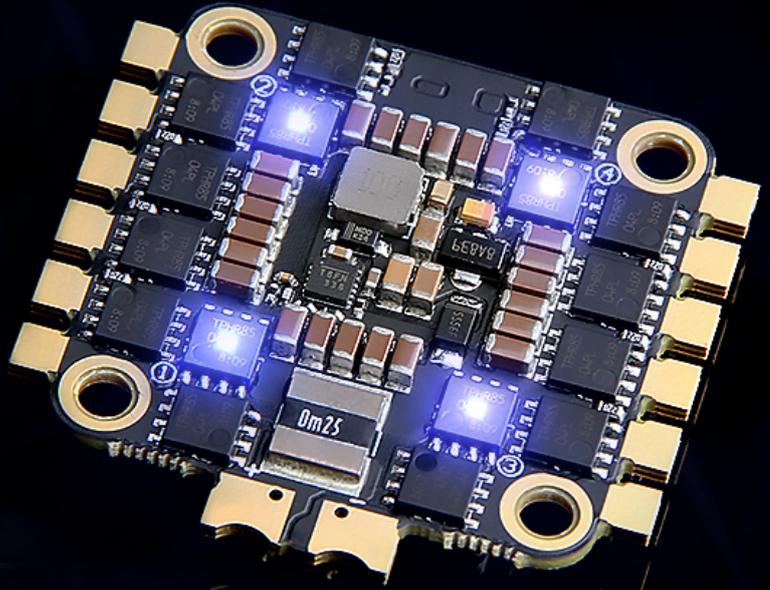


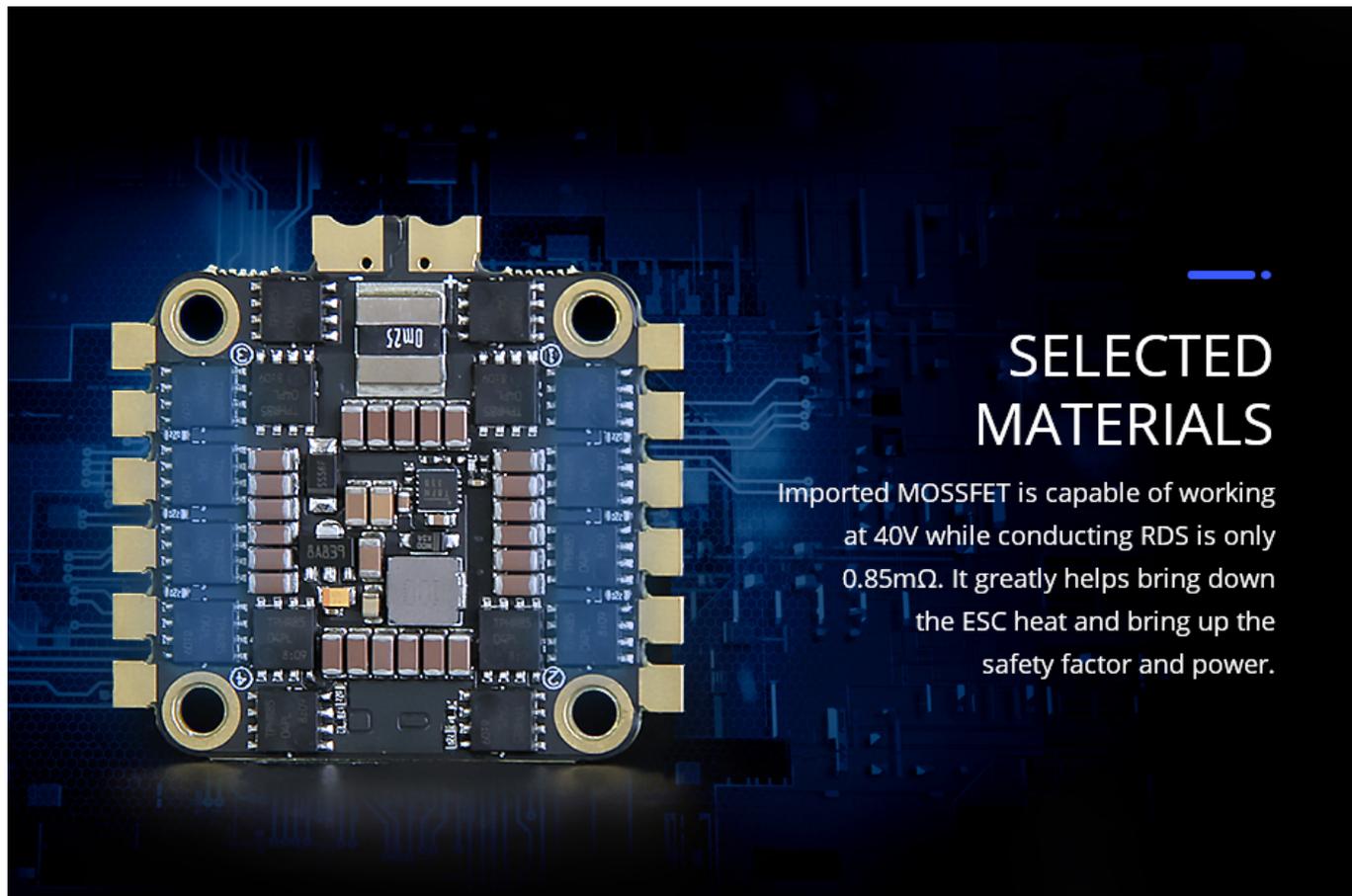
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F55A PRO is a 4 in 1 ESC of high performance for demanding racing events with selected materials, reasonable PCB layout and advanced technics for stable and swift operation under strong current.



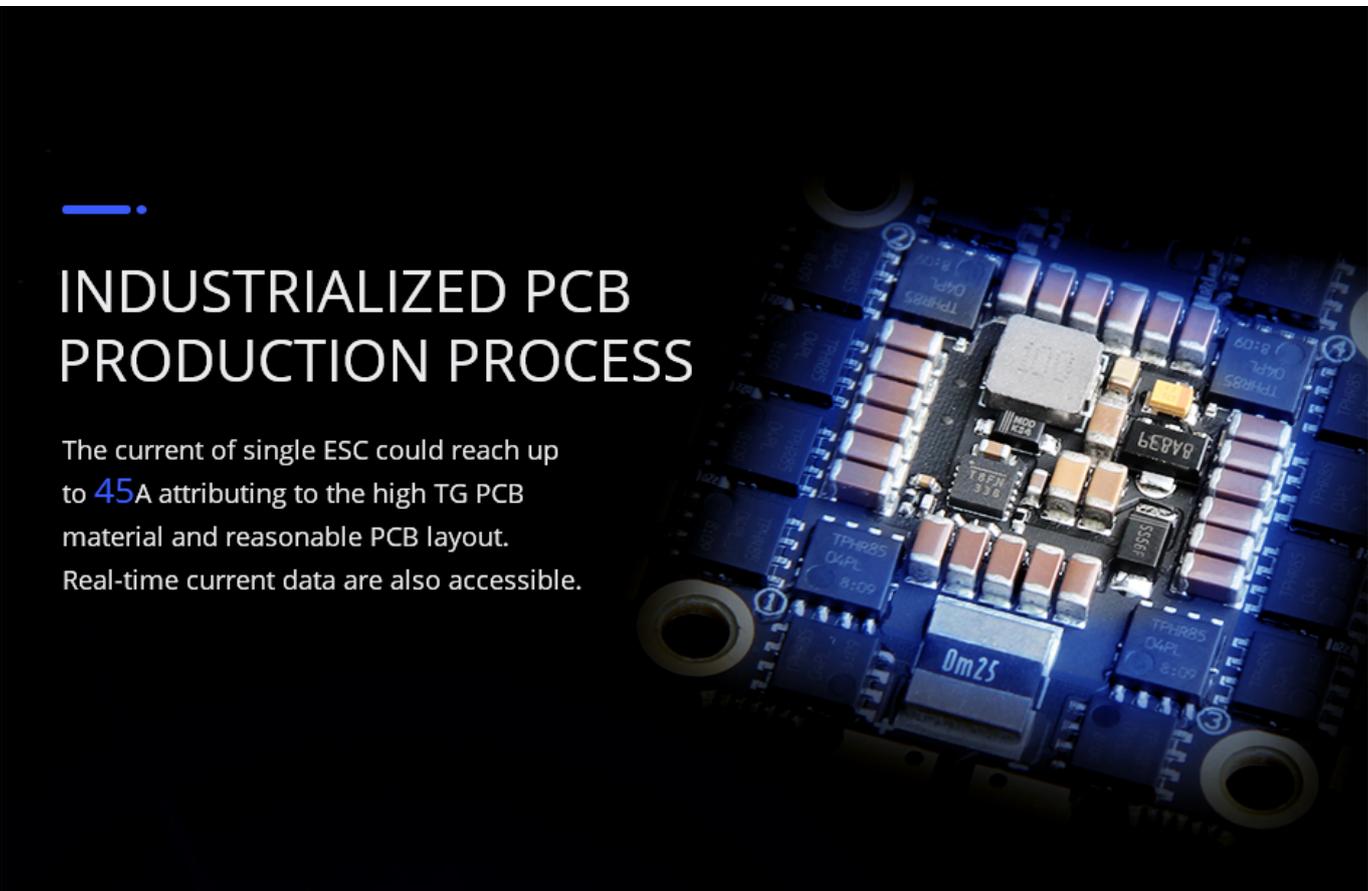
Original BLHELI\_“32” Firmware with  
high quality 32-bit ST main control  
chip.





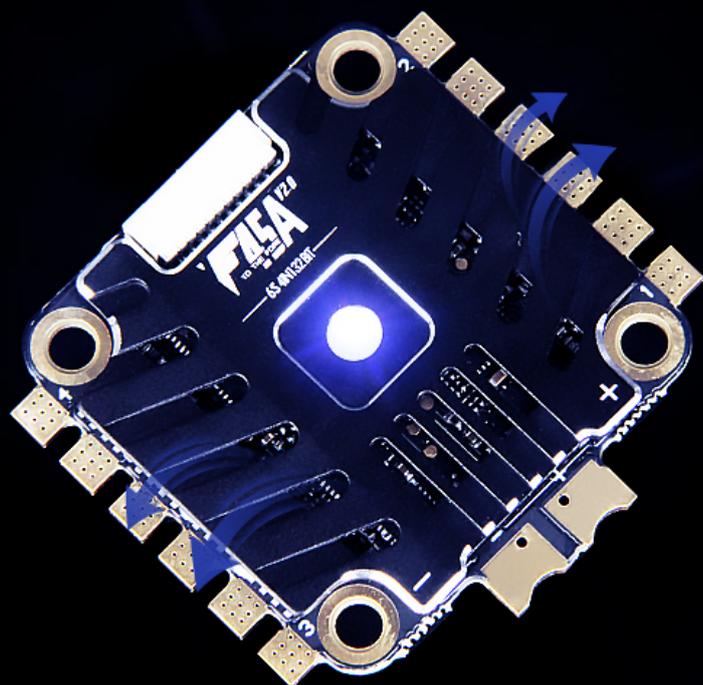
## SELECTED MATERIALS

Imported MOSFET is capable of working at 40V while conducting RDS is only 0.85m $\Omega$ . It greatly helps bring down the ESC heat and bring up the safety factor and power.



## INDUSTRIALIZED PCB PRODUCTION PROCESS

The current of single ESC could reach up to 45A attributing to the high TG PCB material and reasonable PCB layout. Real-time current data are also accessible.

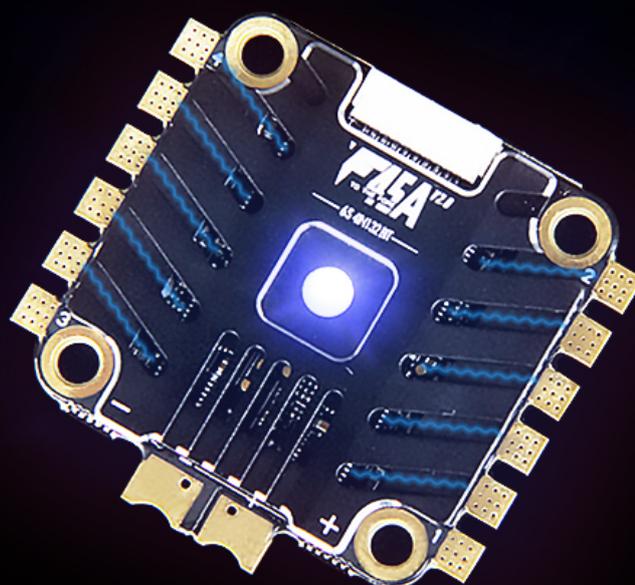


## COOLING DESIGN

Metal cooling fins contribute to enhancing the cooling performance of ESCs and prolonging the service life.

## DAMPING DESIGN

Holes for damping rings are available on the ESCs to protect the sensing components and FC.



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## Disclaimer

Thanks for purchasing our Electronic Speed Controller (ESC). High power system for RC model can be very dangerous. Any improper use may result in injury and damage to human and devices. We strongly recommend that you read this manual carefully before use, and abide by its rules. We assume no responsibility for personal injury, property damage or consequential losses resulting from the product.

## Features

1. High performance 32-bit microprocessor with the running frequency of up to 48MHz for excellent performance.
2. BLHeli\_32 firmware is the third generation BLHeli, following base BLHeli and BLHeli-S.
3. All codes use damped light mode. Damped light does regenerative braking, causing very fast motor retardation, and inherently also does active freewheeling.
4. The code supports features to prevent sync loss. There are tunable parameters that can make the code run well even in the most demanding situations, although default settings will work excellently in normal operating environments.
5. The code supports regular 1-2ms pulse width input, as well as Oneshot125 (125-250us), Oneshot42 (41.7-83.3us) and Multishot (5-25us).
6. Dshot signaling is supported at any rate up to at least Dshot1200. The input signal is automatically detected by the ESC upon power up.
7. The code also supports a beacon functionality, where the ESC will start beeping after a given time of zero throttle. This can be very useful for finding lost crafts.
8. On board 10V BEC , powering different accessories such as FC , VTx ,Camera and LED lights and etc.

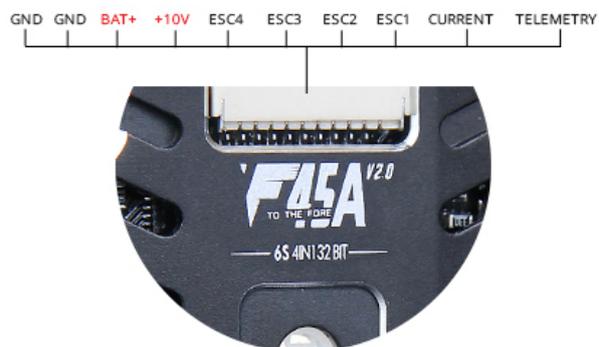
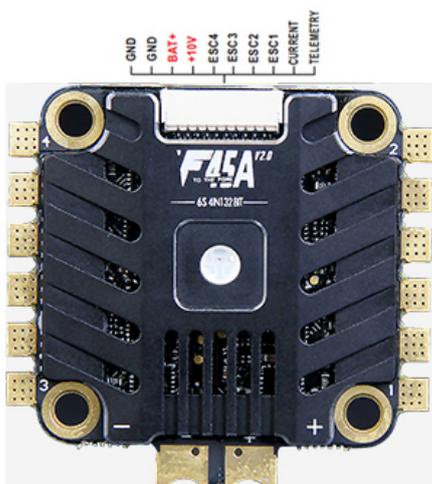
## Specifications:

Model	Current	Peak Current (10S)	BEC	LiPo	Weight	Size
<u>F45A V2.0 32 BIT 4 IN1-6S</u>	<u>4*45A</u>	<u>4*55A</u>	<u>10V@2.0A</u>	<u>3-6S</u>	<u>17.5g</u>	<u>45*41*7.3mm</u>

Mounting Hole

30.5\*30.5mm

## Interface Definition



GND: Ground wire,

BAT+: Battery Volt monitoring port with the battery voltage is to connect to the Battery Volt monitoring port on flight controller,

10V: 10V Power output port . For FC , Camera , 5V LED light and etc,

ESC4--ESC1, Throttle Signal Input Ports. Port M1 is for ESC M1, M2 is for ESC M2, M3 is for ESC M3, and M4 is for ESC M4,

CURRENT: Amp monitoring port with the amperage of 15.2mv/A is to connect to the Amp monitoring port on flight controller,

TELEMTRY: Data transmission port.