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

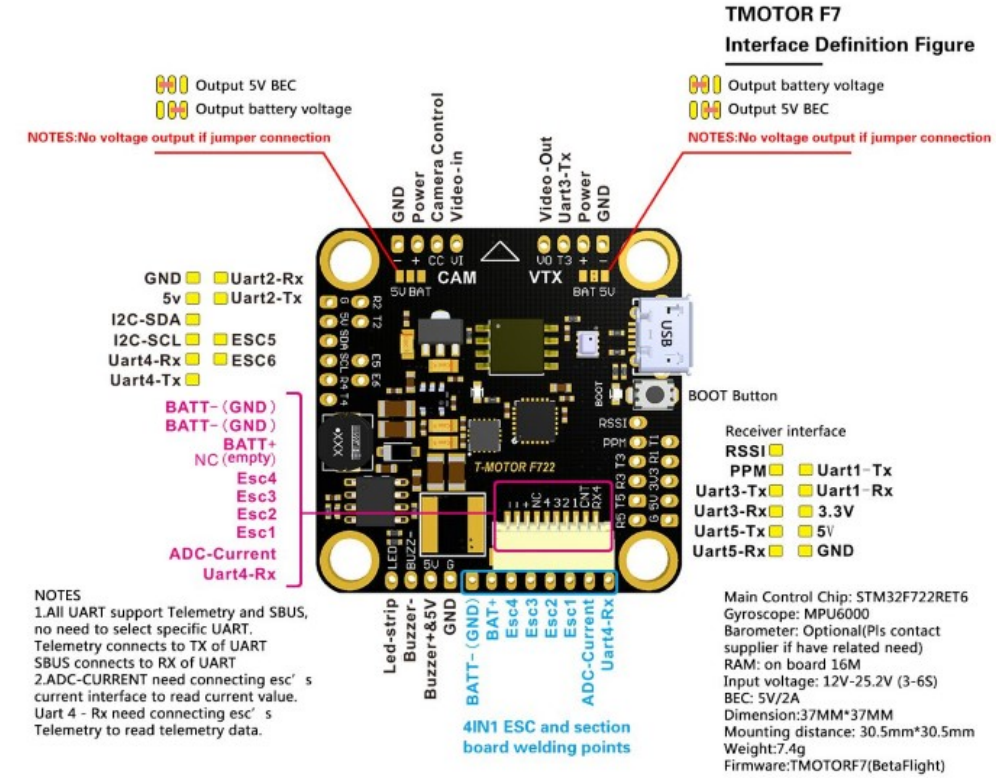


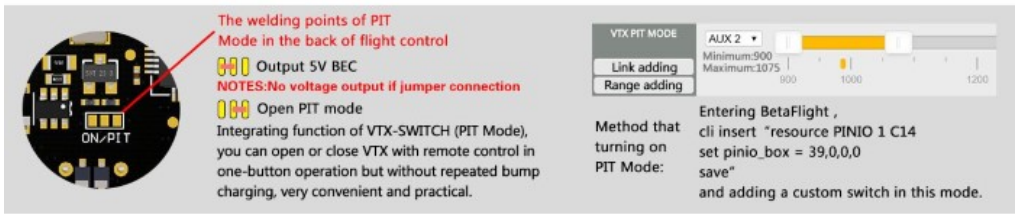
Stack T-Motor FC F7 + ESC F45A Pro V2

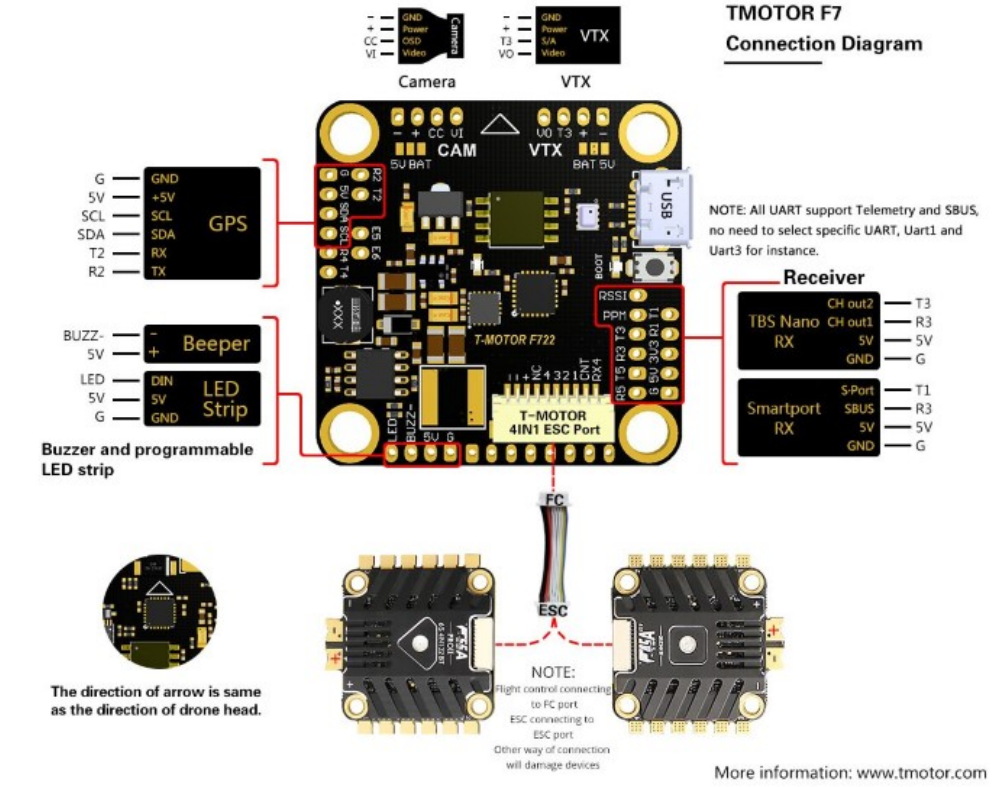
Cena brutto	**460,00 zł**
Cena netto	**373,98 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**T-Motor**

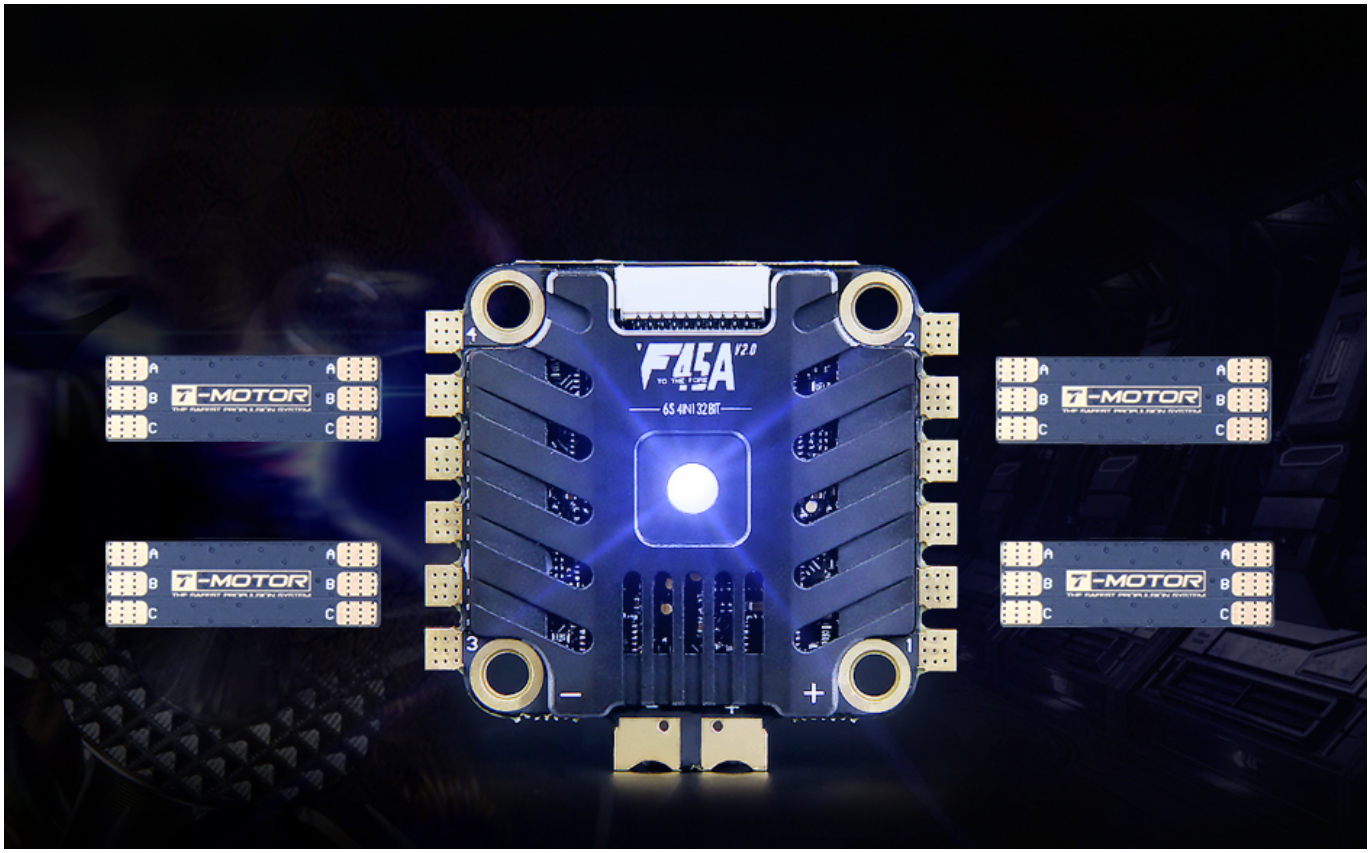
Opis produktu

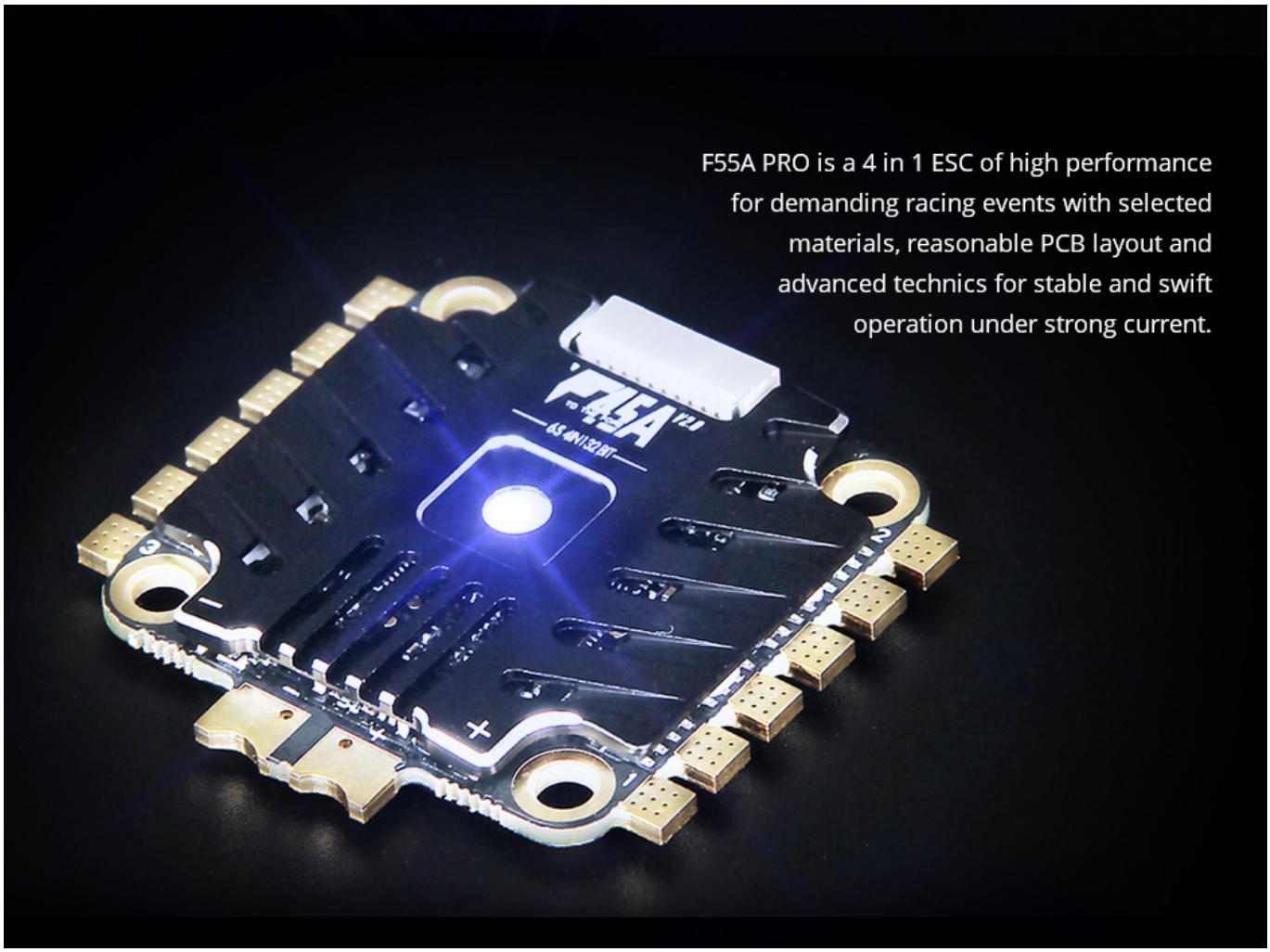
Stack T-Motor FC F7 + ESC F45A Pro V2

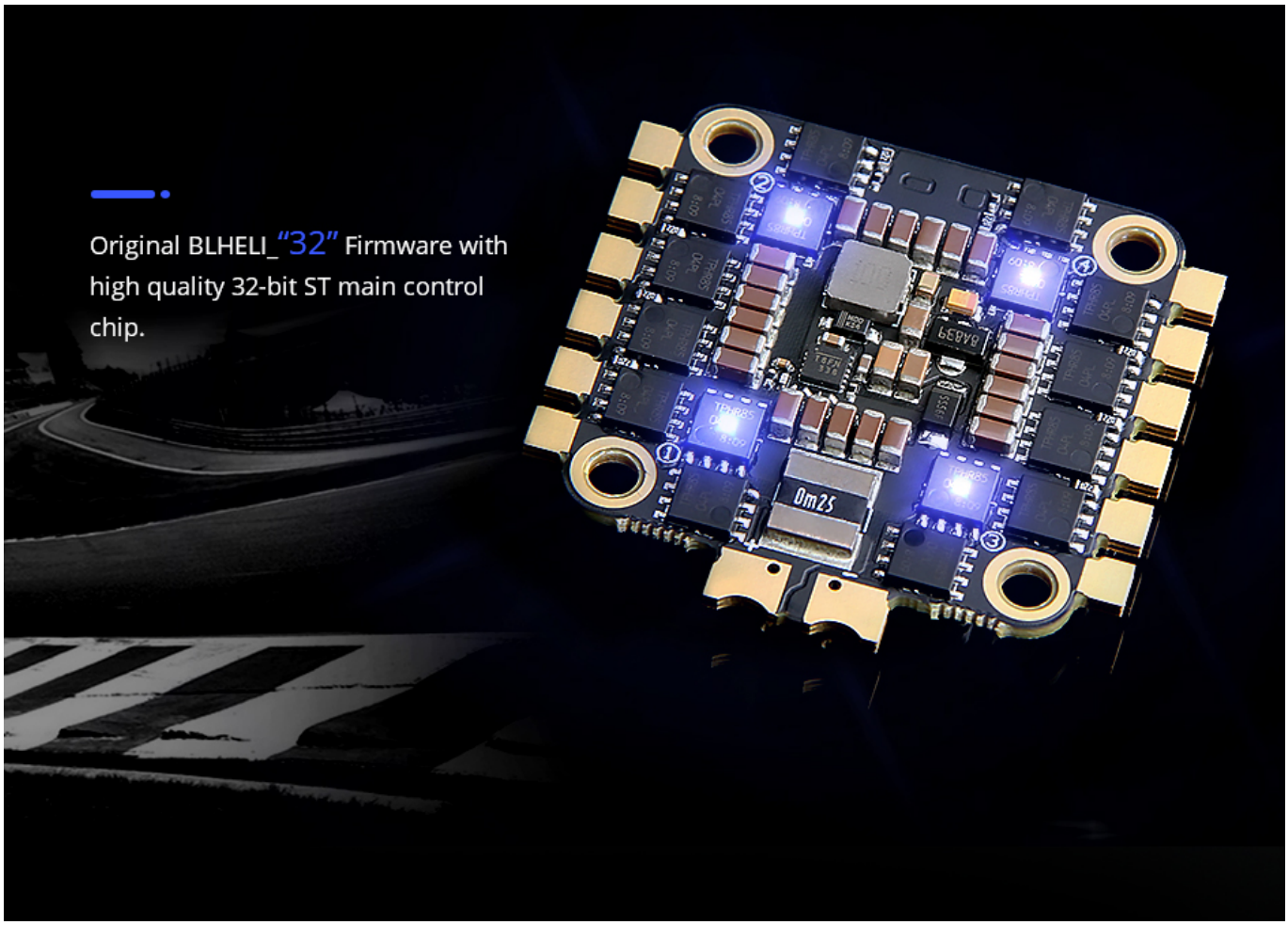

TMOTOR F7
Interface Definition Figure
Output 5V BEC
Output battery voltage
NOTES:No voltage output if jumper connection
GND
Power
Camera Control
Video-in
Video-Out
Uart3-Tx
Power
GND
Output battery voltage
Output 5V BEC
NOTES:No voltage output if jumper connection
CAM
VTX
GND
5v
I2C-SDA
I2C-SCL
Uart4-Rx
Uart4-Tx
Uart2-Rx
Uart2-Tx
ESC5
ESC6
BATT-(GND)
BATT-(GND)
BATT+
NC(empty)
Esc4
Esc3
Esc2
Esc1
ADC-Current
Uart4-Rx
BOOT Button
Receiver interface
RSSI
PPM
Uart3-Tx
Uart3-Rx
Uart5-Tx
Uart5-Rx
Uart1-Tx
Uart1-Rx
3.3V
5V
GND
T-MOTOR F722
USB
Led-strip
Buzzer-
Buzzer+&5V
GND
BATT-(GND)
BAT+
Esc4
Esc3
Esc2
Esc1
ADC-Current
Uart4-Rx
4IN1 ESC and section board welding points
NOTES
1.All UART support Telemetry and SBUS, no need to select specific UART.
Telemetry connects to TX of UART
SBUS connects to RX of UART
2.ADC-CURRENT need connecting esc's current interface to read current value.
Uart 4 - Rx need connecting esc's Telemetry to read telemetry data.
Main Control Chip: STM32F722RET6
Gyroscope: MPU6000
Barometer: Optional(Pls contact supplier if have related need)
RAM: on board 16M
Input voltage: 12V-25.2V (3-6S)
BEC: 5V/2A
Dimension:37MM*37MM
Mounting distance: 30.5mm*30.5mm
Weight:7.4g
Firmware:TMOTORF7(BetaFlight)

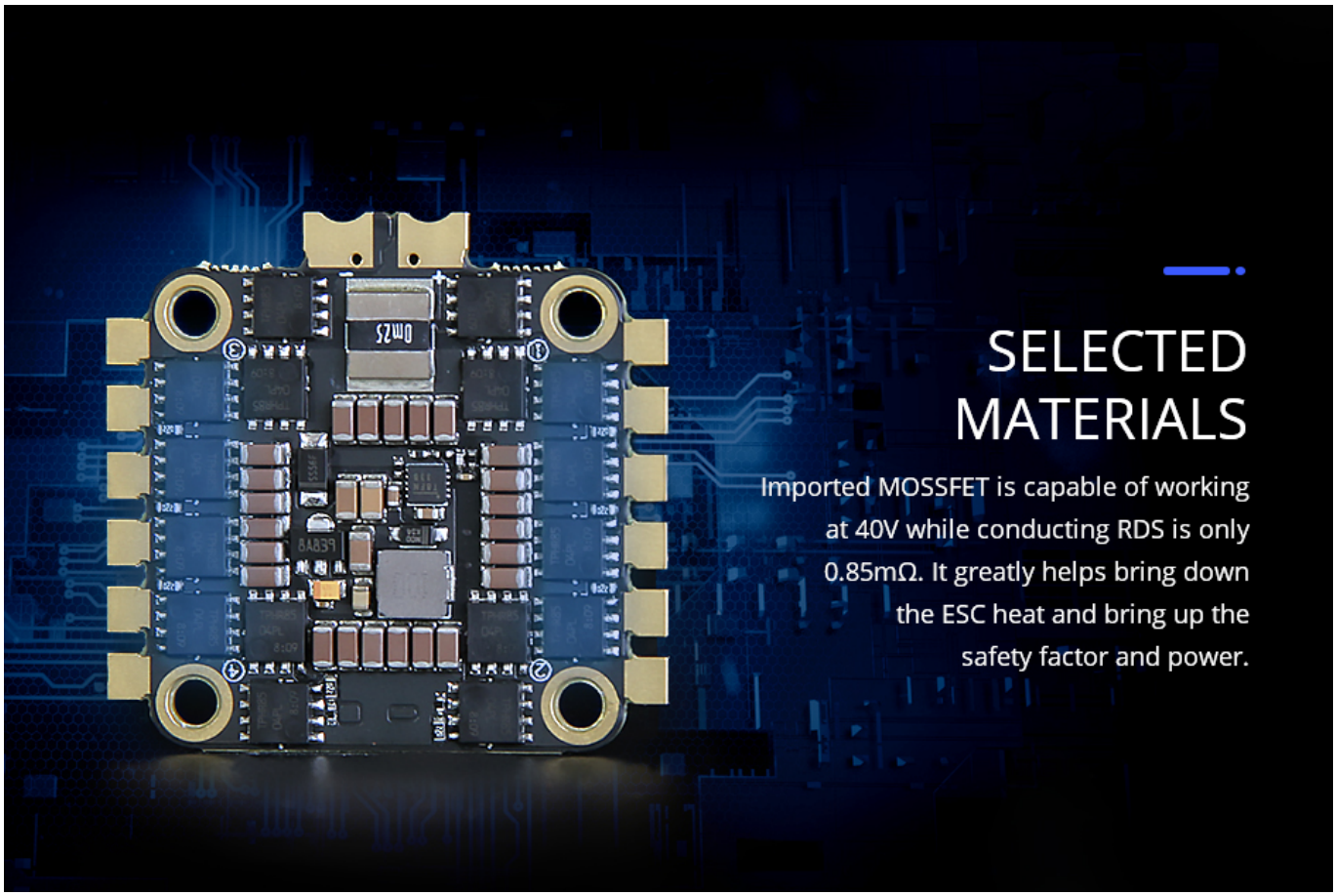

ON/PIT
The welding points of PIT Mode in the back of flight control
Output 5V BEC
NOTES:No voltage output if jumper connection
Open PIT mode
Integrating function of VTX-SWITCH (PIT Mode), you can open or close VTX with remote control in one-button operation but without repeated bump charging, very convenient and practical.
VTX PIT MODE
Link adding
Range adding
AUX 2
Minimum:900
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.

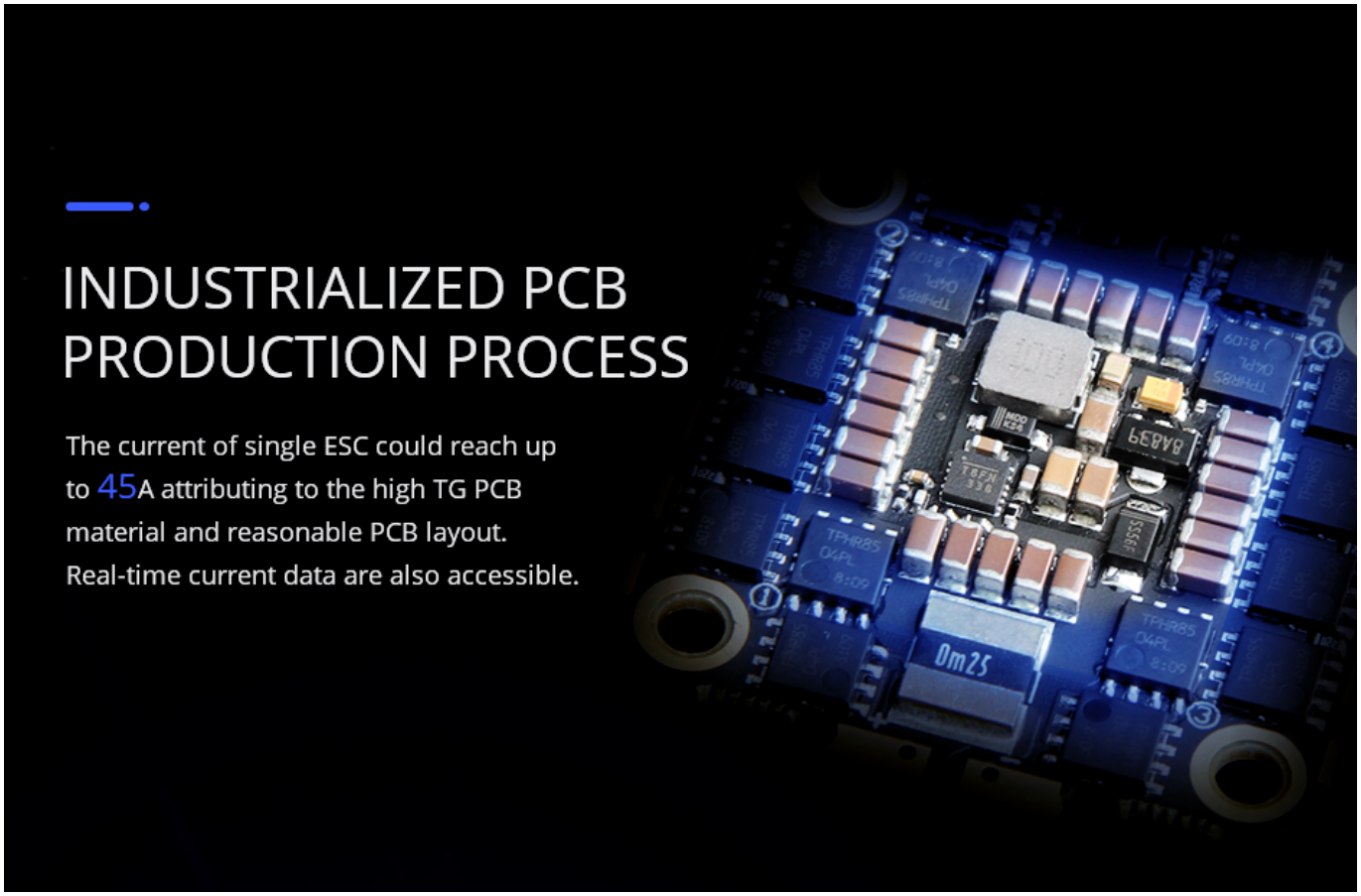

TMOTOR F7
Connection Diagram
Camera
VTX
CAM
VTX
GPS
Beeper
LED Strip
Buzzer and programmable LED strip
T-MOTOR 4IN1 ESC Port
NOTE: All UART support Telemetry and SBUS, no need to select specific UART, Uart1 and Uart3 for instance.
Receiver
TBS Nano RX
Smartport RX
FC
ESC
NOTE:
Flight control connecting to FC port
ESC connecting to ESC port
Other way of connection will damage devices
The direction of arrow is same as the direction of drone head.
More information: www.tmotor.com

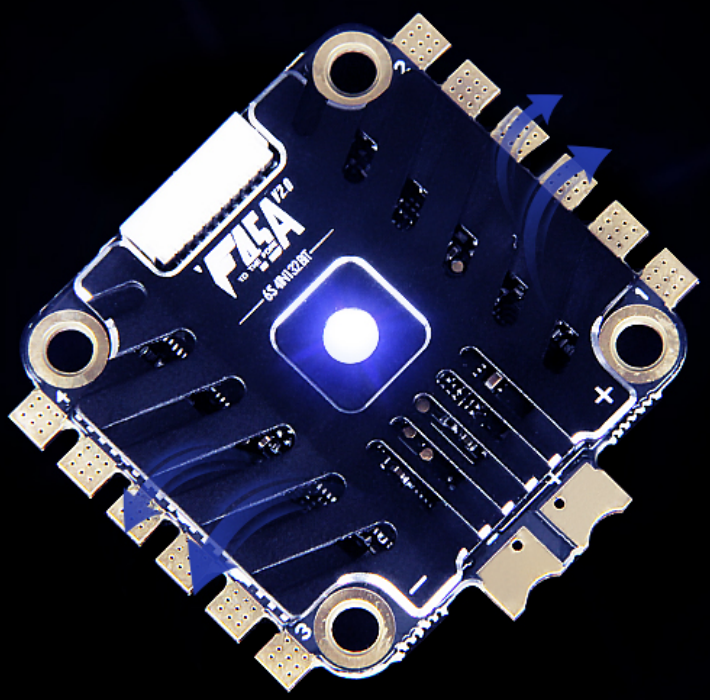

T-MOTOR
T-MOTOR
T-MOTOR
T-MOTOR
6S 4IN1 32 BIT


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 MOSSFET is capable of working at 40V while conducting RDS is only 0.85mΩ. 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.



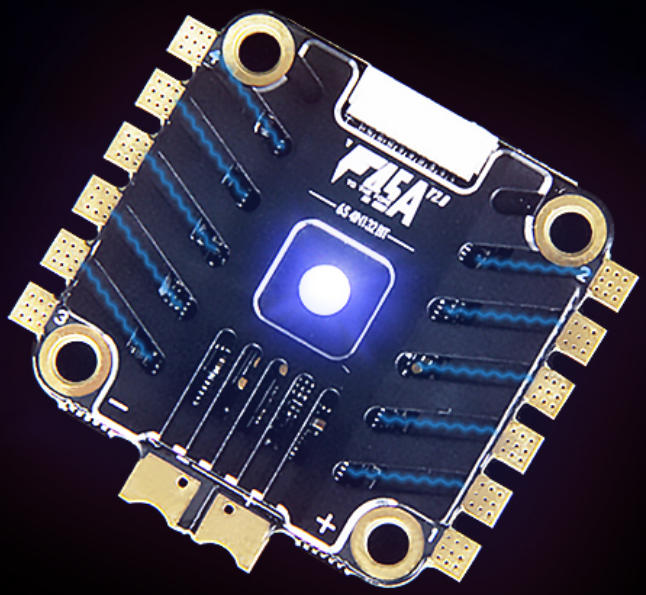
COOLING DESIGN

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.





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.

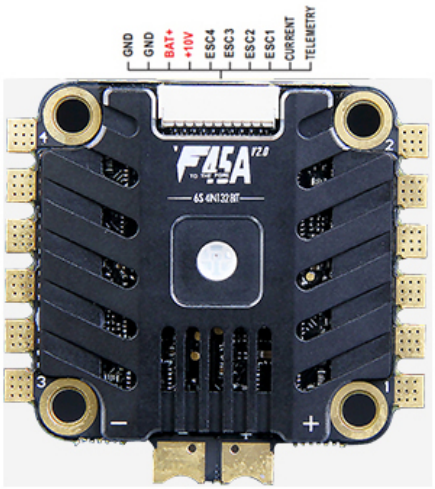
Specifications:

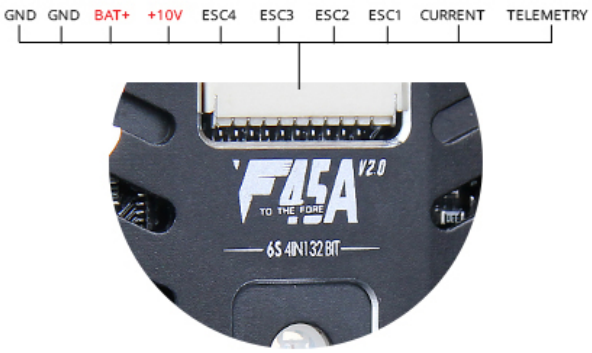
Model	Current	Peak Current (10S)	BEC	LiPo	Weight	Size
F45A V2.0 32 BIT 4 IN1-6S	4*45A	4*55A	10V@2.0A	3-6S	17.5g	45*41*7.3mm

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,

TELEMETRY: Data transmission port.