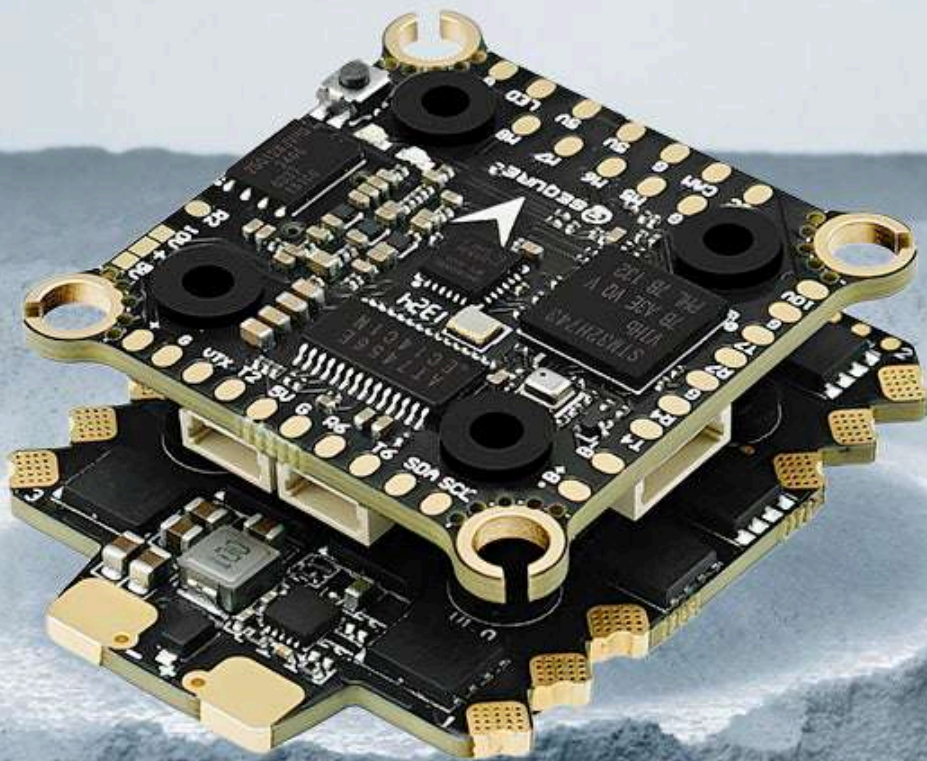




SEQURE H743 & E70 G1

FC & ESC For FPV Drones Racing Freestyle



High quality hardware

Efficient conversion

High performance chip

Innovative pads

Lightweight design

SEQURE H743

Modle Name	SEQURE H743
MCU	STM32H743
Gyro	MPU6000
Barometer	BMP280
OSD Chip	AT7456E
Black Box	16MB
Firmware	SEQUREH7
Input Voltage	4-8S Lipo
BEC Output	5V/2.5A, 10V/2A
UARTS	6
Control Motors	M1-M8
LED	Support WS2812 LED Strip
Buzzer	Support
ESC Telemetry	RX8
USB	Type-C
Mounting Hole	20x20mm, Φ 4mm/30.5x30.5mm, Φ 4mm
Dimensions	36.5*36.5*6mm
Weight	7.5g

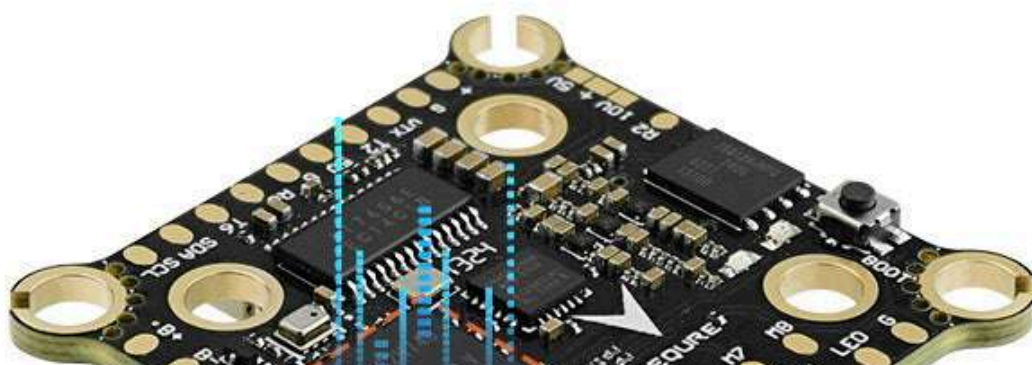
E70 G1 4IN1

Model	E70 G1
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MODEL	E70 G1
Processor	STM32G071
PWM Frequency	16KHz-128KHz
Working Voltage	2-8S Lipo
Continuous Current	70A
Peak Current	150A
Support Protocol	Dshot600/300/150,Oneshot,Multishot,PWM
Firmware Version	SEQURE_G071_01_Pro_4in1_Multi_32_100
Telemetry Return	Support
Galvanometer	YES
BEC	NO
Mounting Hole Spacing	20x20mm, Φ4mm/M3
Product Size	50.5*36*6mm (L*W*h)
Product Weight	15.8g

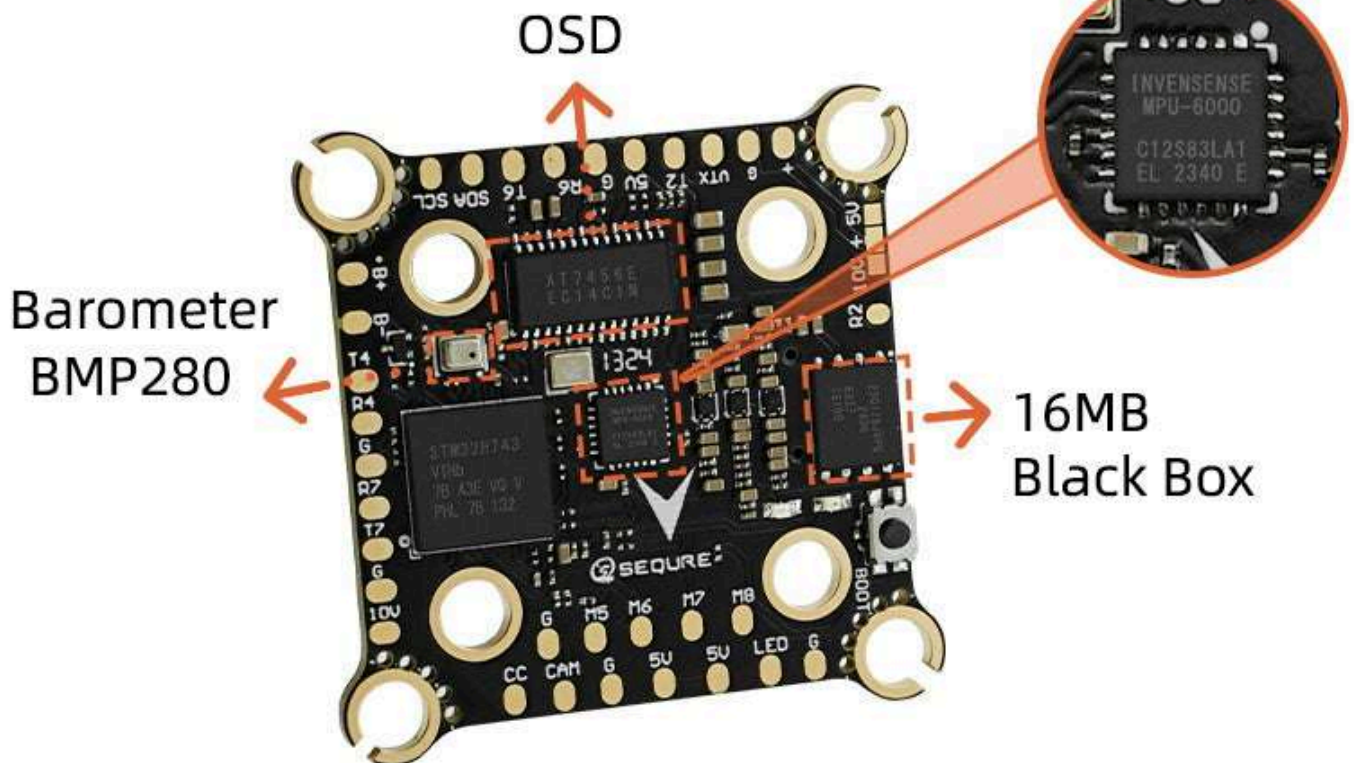
High-performance STM32H743 MCU

Operating frequency up to 480MHz,
rapid control response





Onboard barometer, OSD,
16MB large-capacity black box,
effectively record flight data



MPU6000 Gyro

Achieve precise posture sensing and stable control

OSD

Barometer
BMP280

16MB
Black Box

Reserve 6 UARTS to meet the needs of most devices

Port Recommended:

UART1: Receiver

UART2: VTX

UART4: Optional

UART6: GPS

UART7: DJI HD

UART8: ESC telemetry

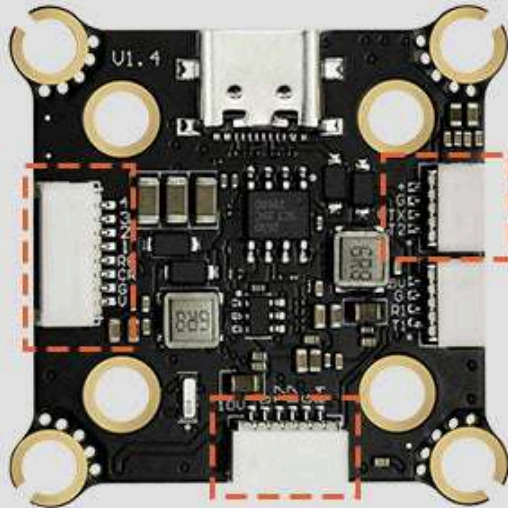


- Controls up to 8 motors, easily constructing X8.
- Equipped with plug-in connectors and dual BEC outputs. Provides a 10V power for DJI O3 & analog VTX.





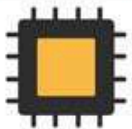
M5-M8



M1-M4

VTX

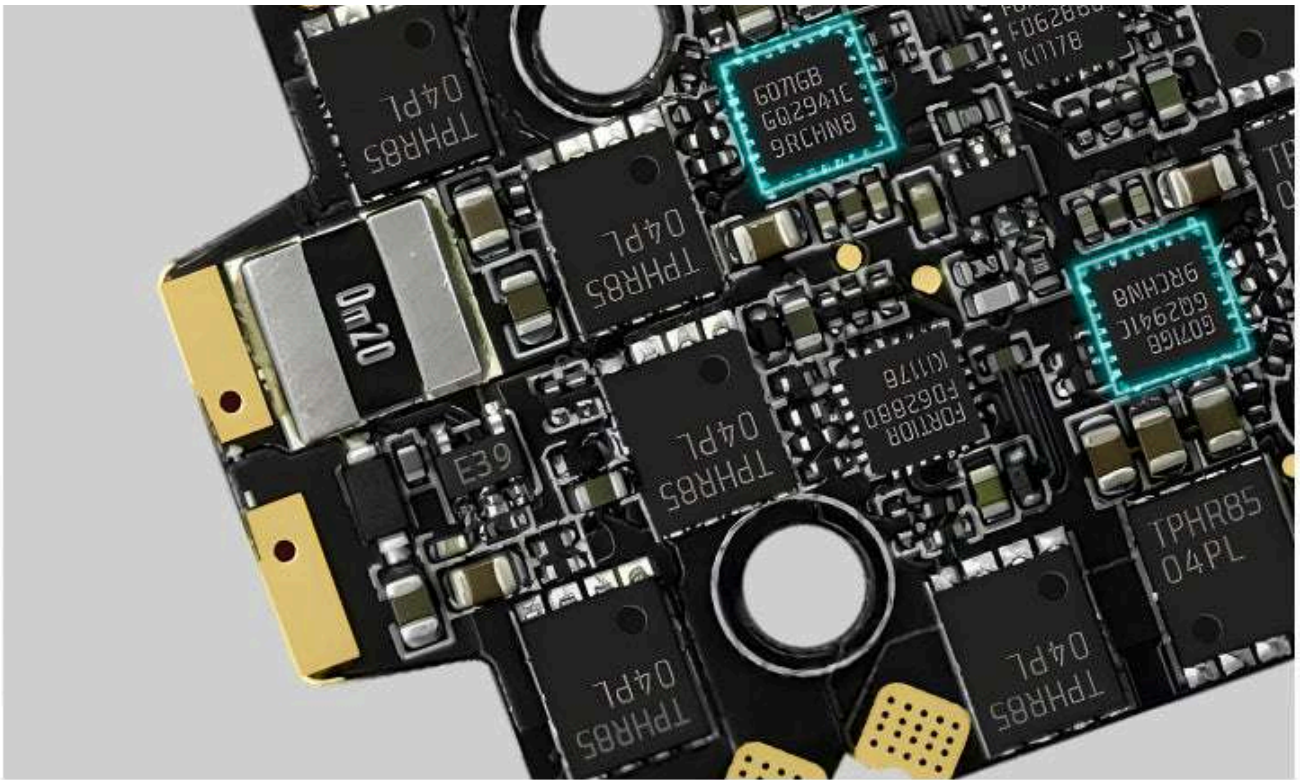
DJI O3



STM32G071

High Performance Processor

Using BLHeli_32 firmware, 2-8S wide voltage input,
single-channel continuous current 70A, peak current up to 150A



Built-in Galvanometer

Supports telemetry return transmission to update motor speed, temperature, current and other data in real time



Speed
real-time



Current
real-time

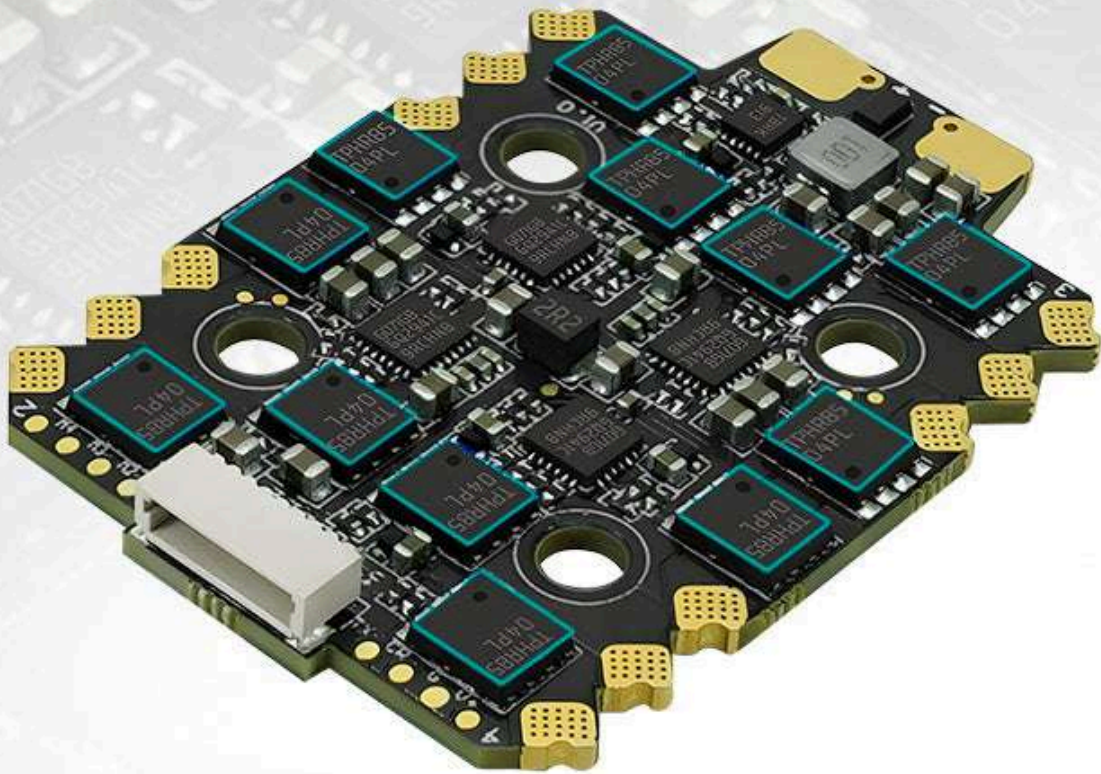


Temperature
real-time

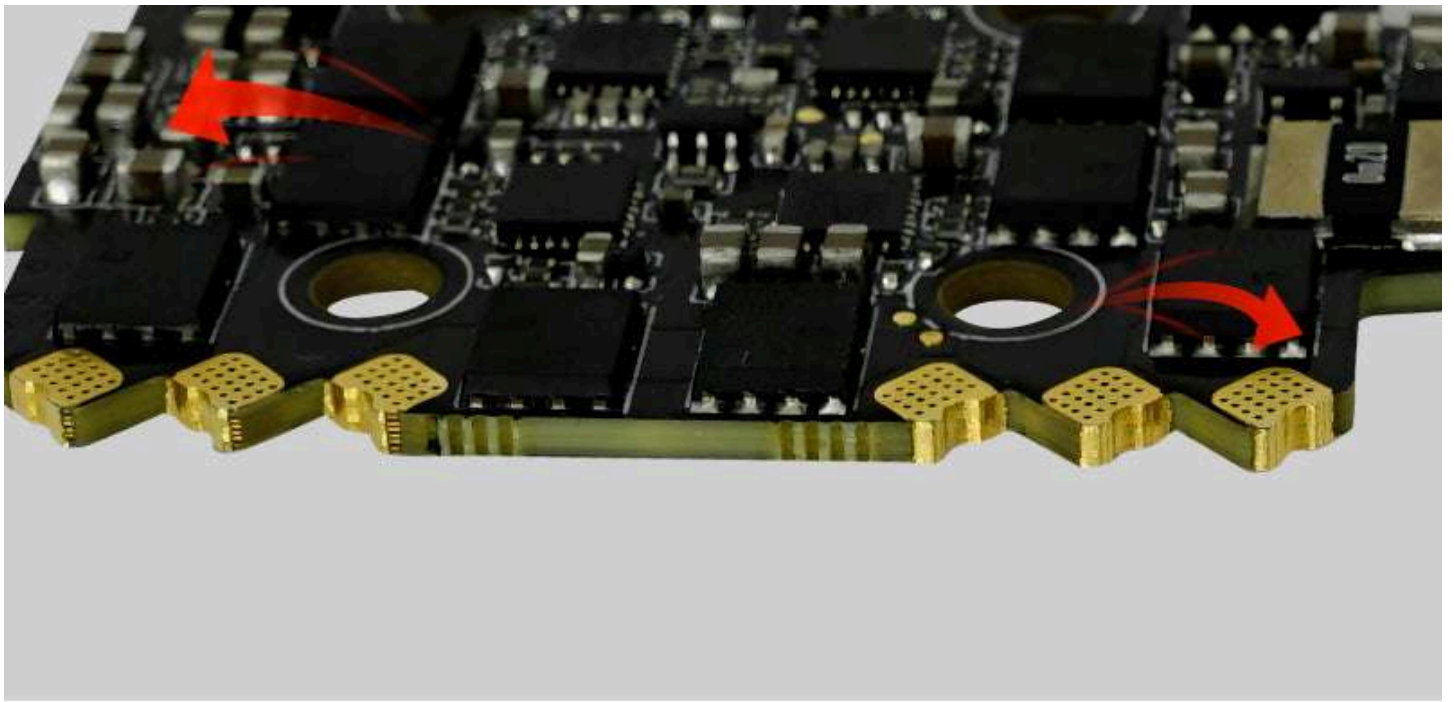


Premium High Power MOSFET

Ultra-high efficiency conversion,
reducing losses and extending flight time




High copper thickness multi-layer PCB design increases over-current capability, efficient heat dissipation performance, and is not afraid of load pressure



PWM Frequency Supports 16KHz-128KHz

Excellent circuit design to solve the
out-of-step problem

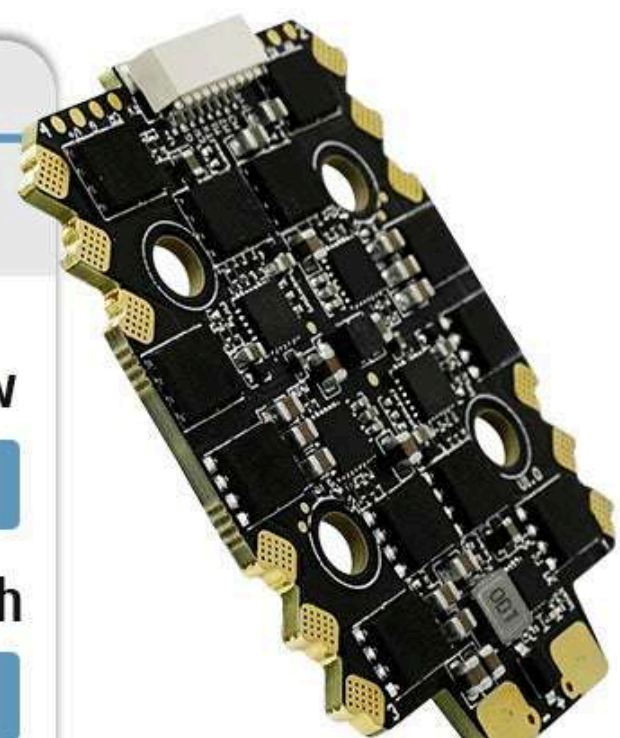


PWM Frequency Low

16 kHz

PWM Frequency High

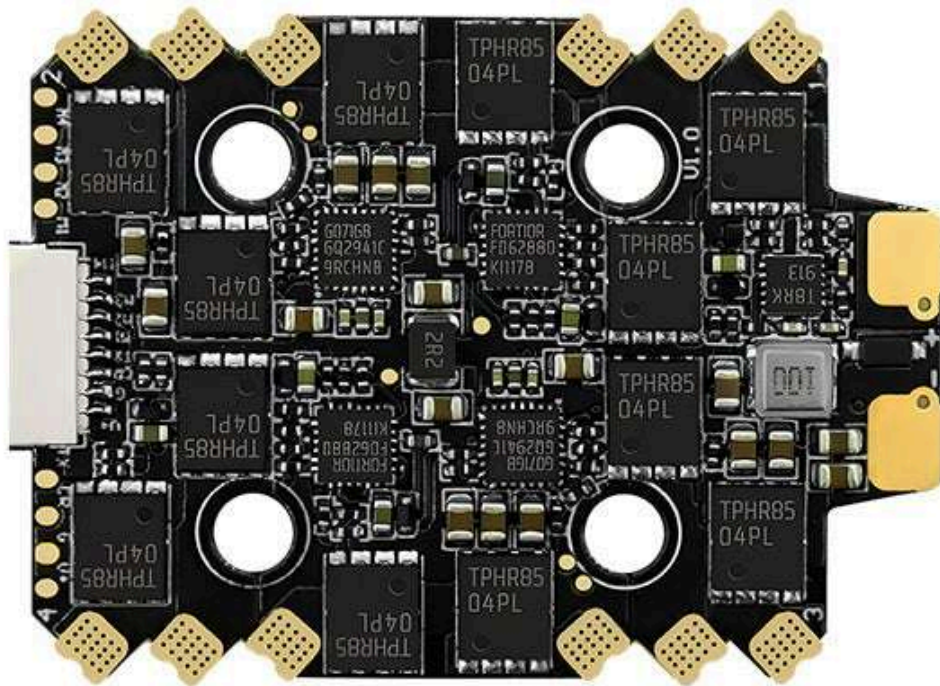
128 kHz



The image shows a smaller, angled view of the motor driver PCB. It features a white connector at the top and several gold-plated pins along the bottom edge. The board is populated with various electronic components, including integrated circuits, capacitors, and resistors. Two large circular holes are visible on the board.

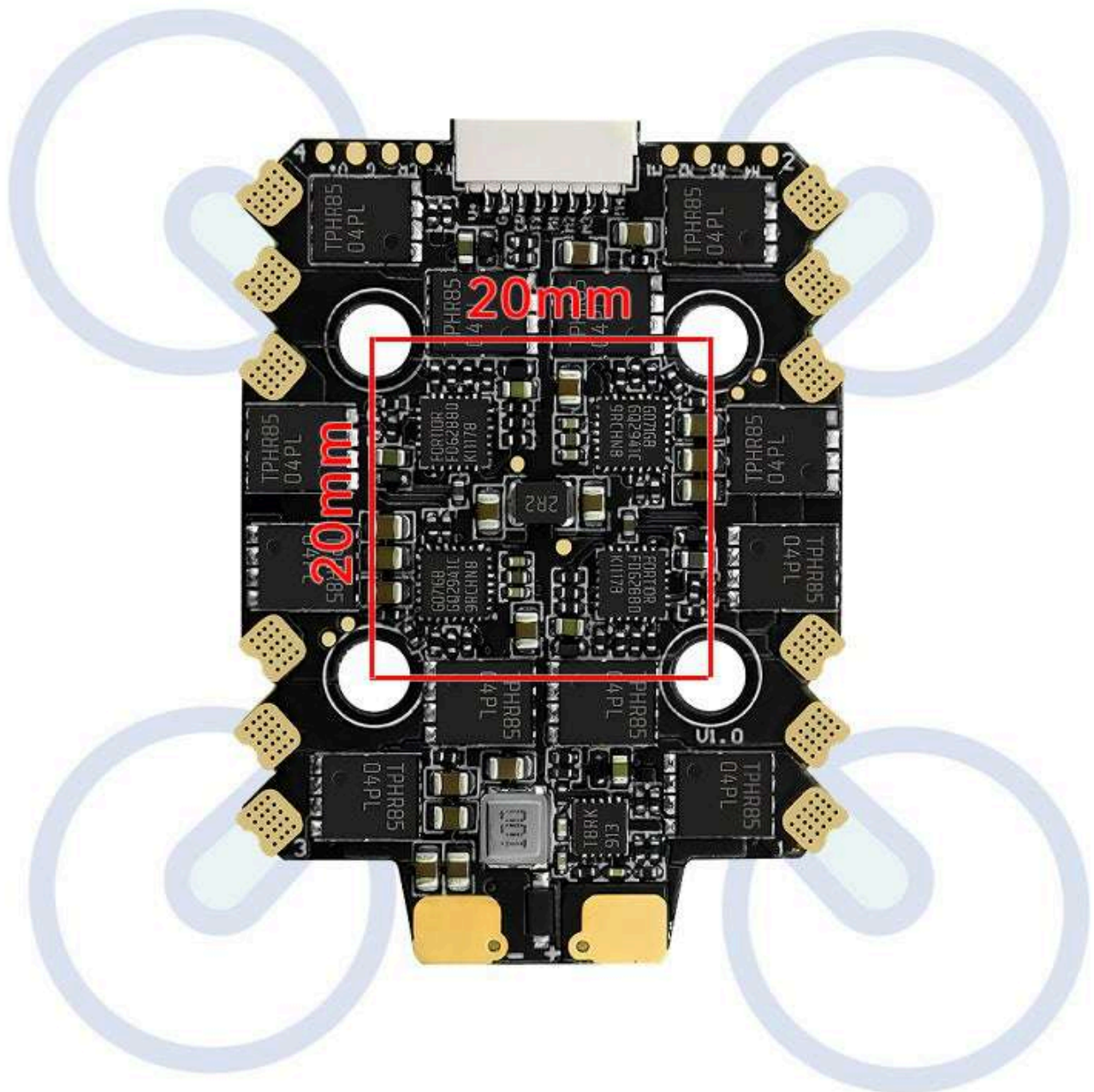
Innovative Design Beveled Surface Pad

The motor wiring layout is more beautiful and safer, while reducing the difficulty of welding

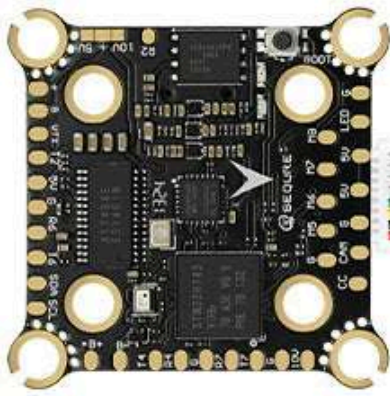


20*20mm Mounting Hole Spacing Design

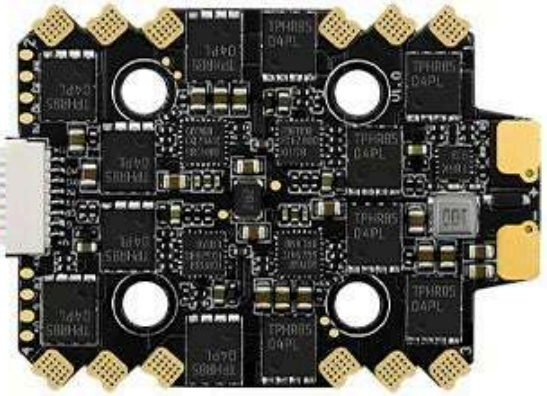
Compact structure, adaptable to various types of racks, easy to install



Wiring Diagram

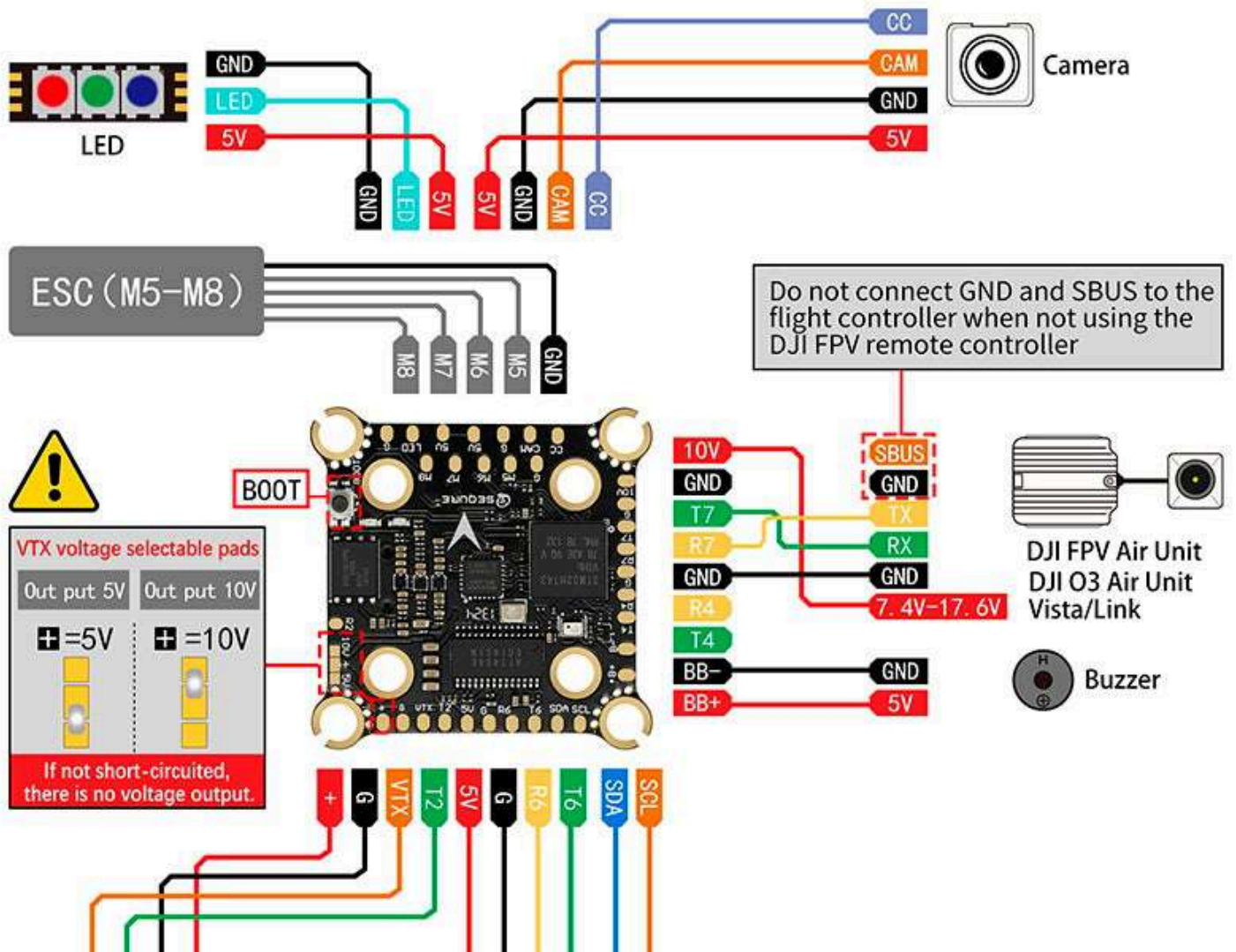


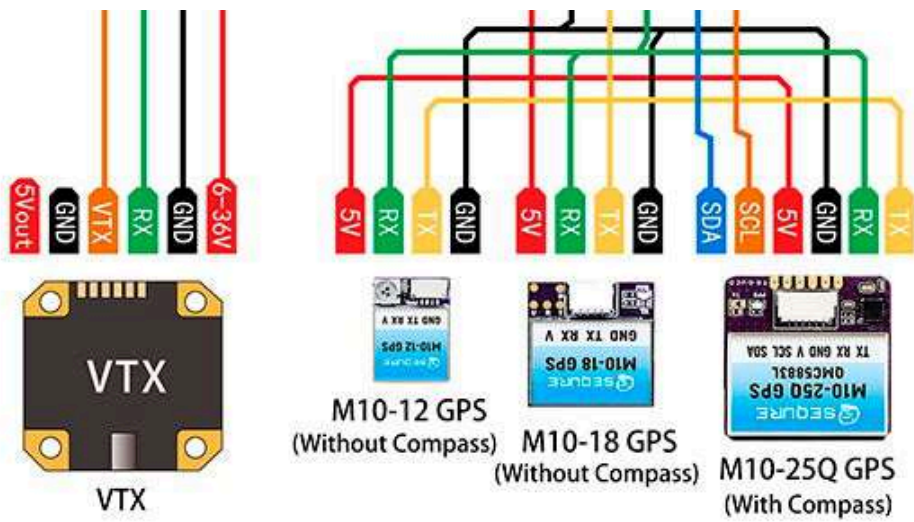
SEQUIRE H743



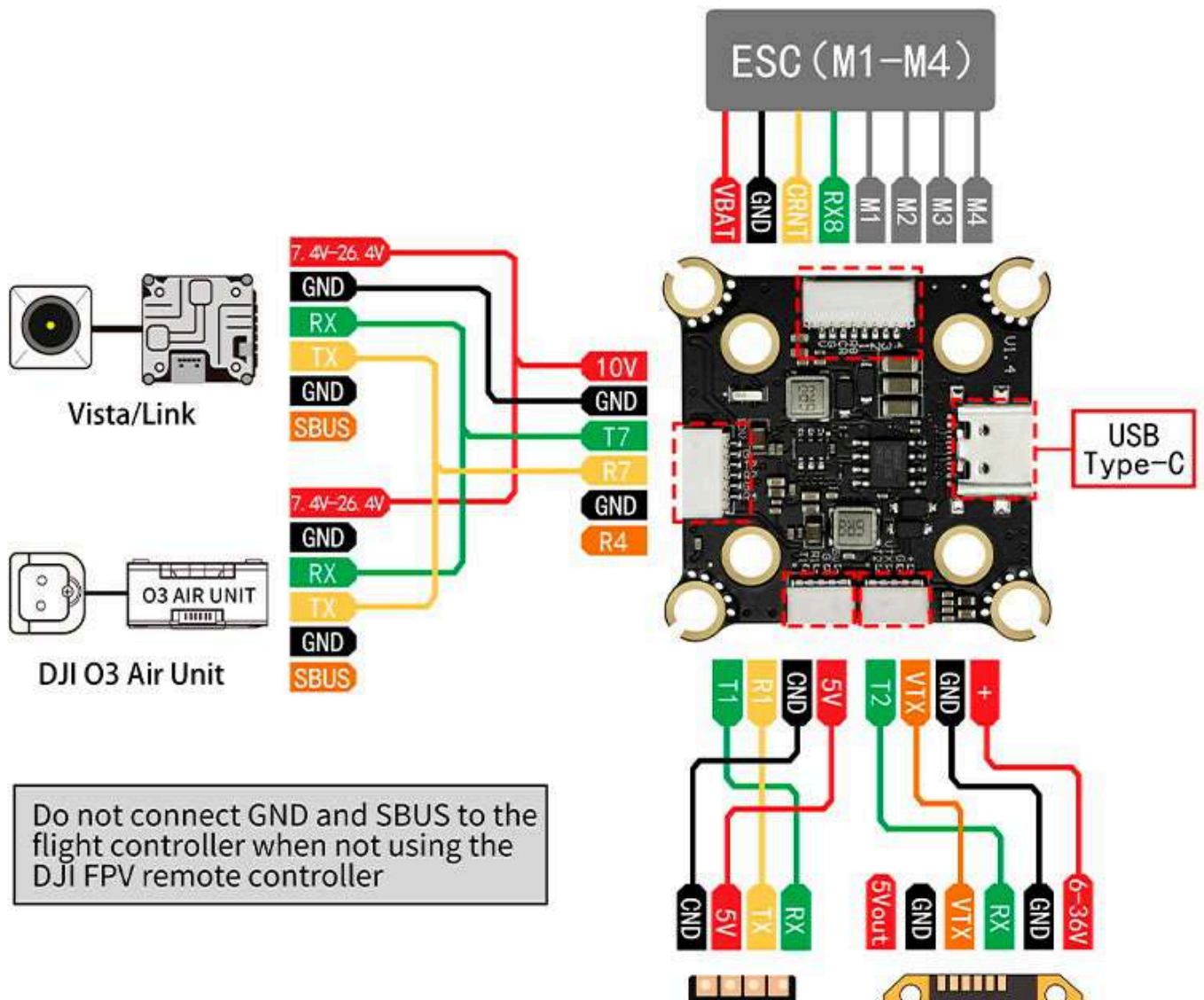
E70 G1

SEQUIRE H743 Pad Wiring Diagram





SEQURE H743 SH1.0 Socket Wiring Diagram



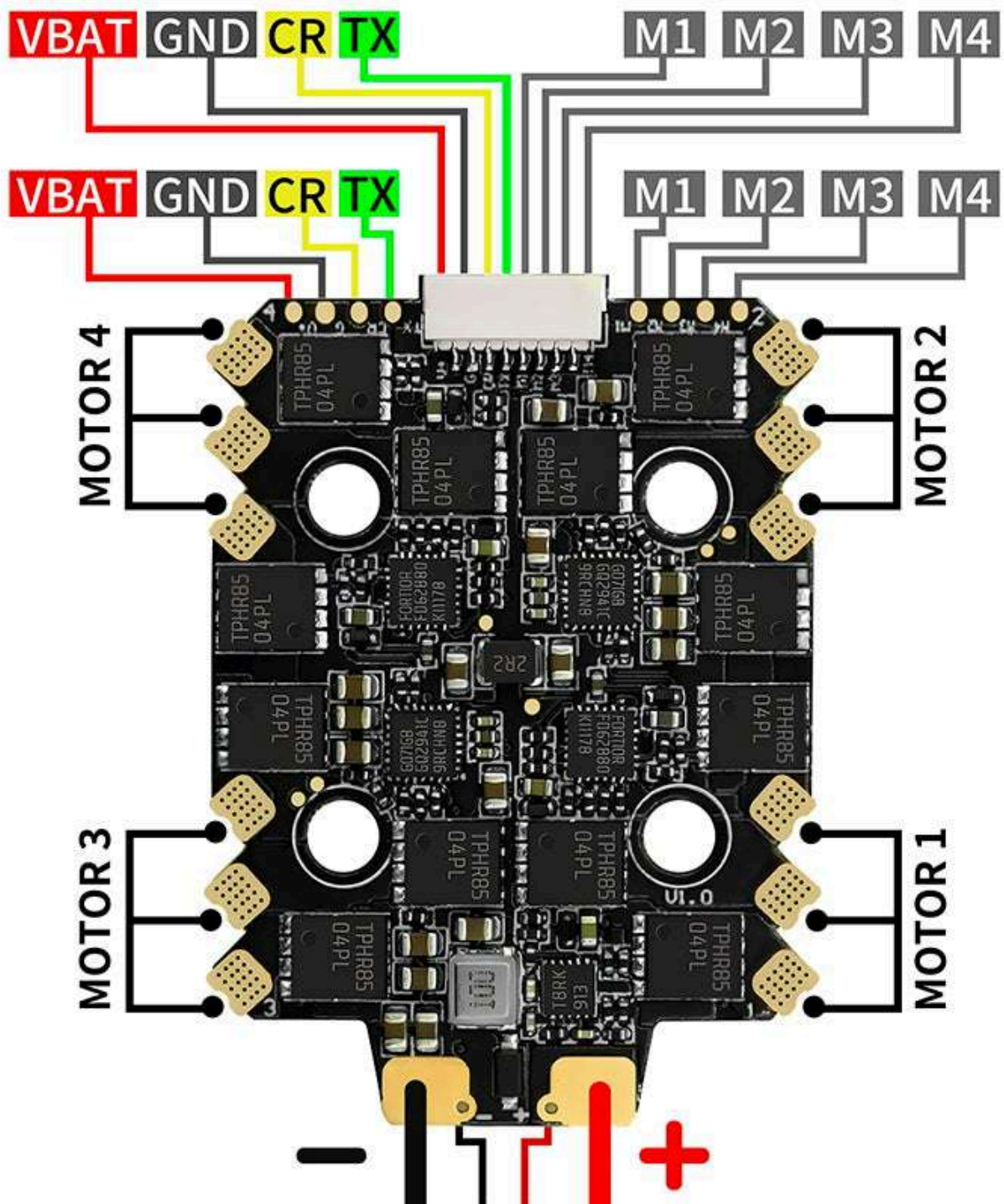


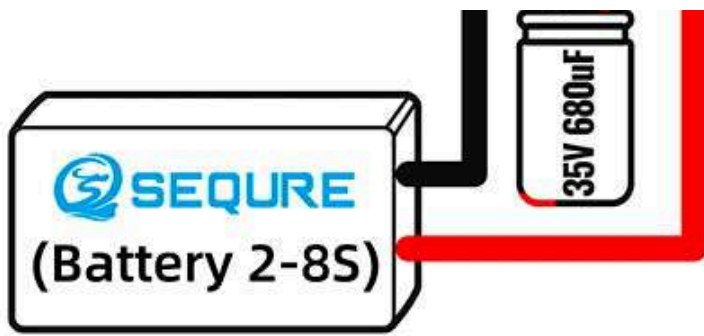
Receiver



VTX

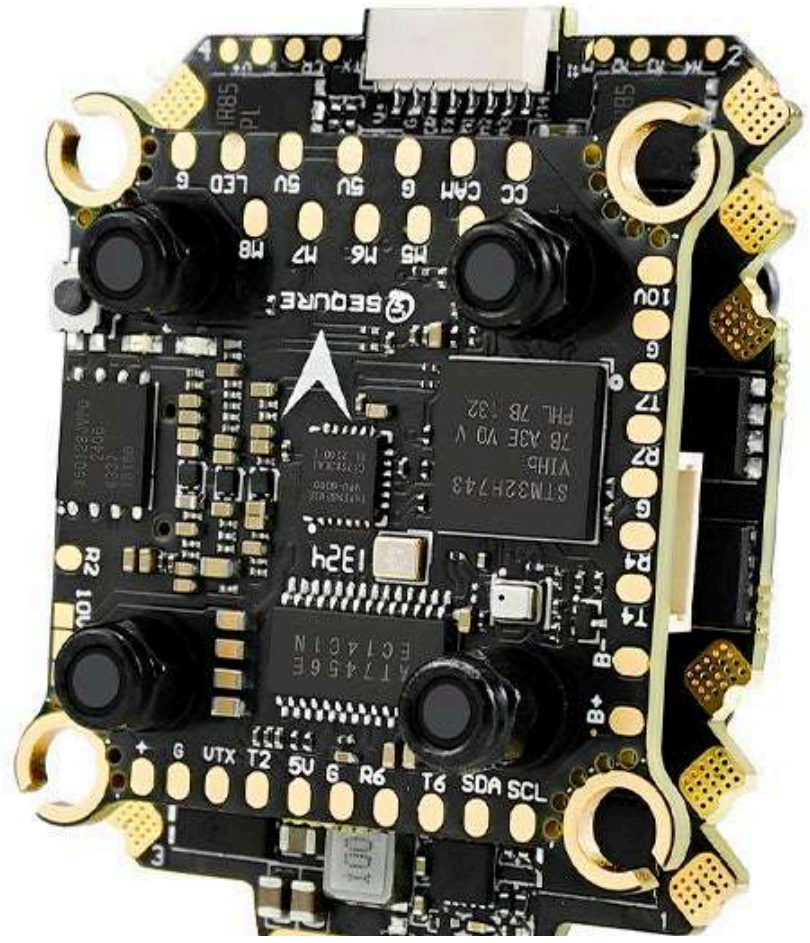
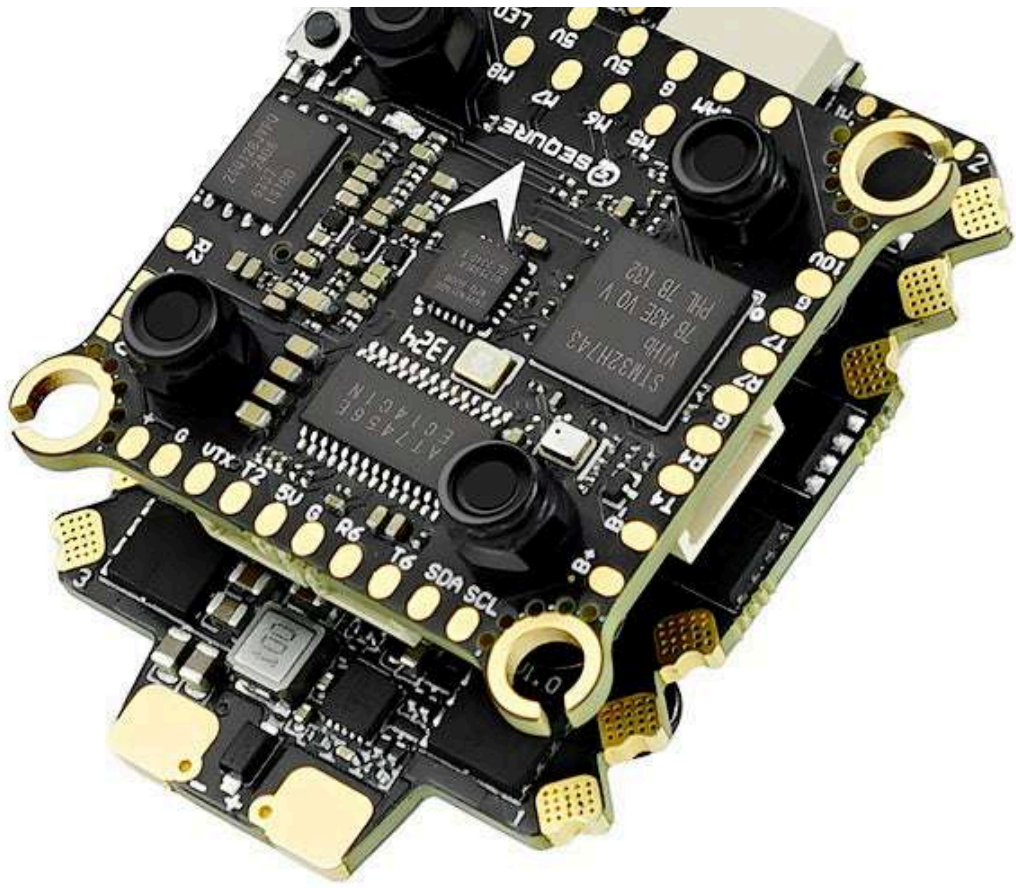
E70 G1 4IN1 ESC

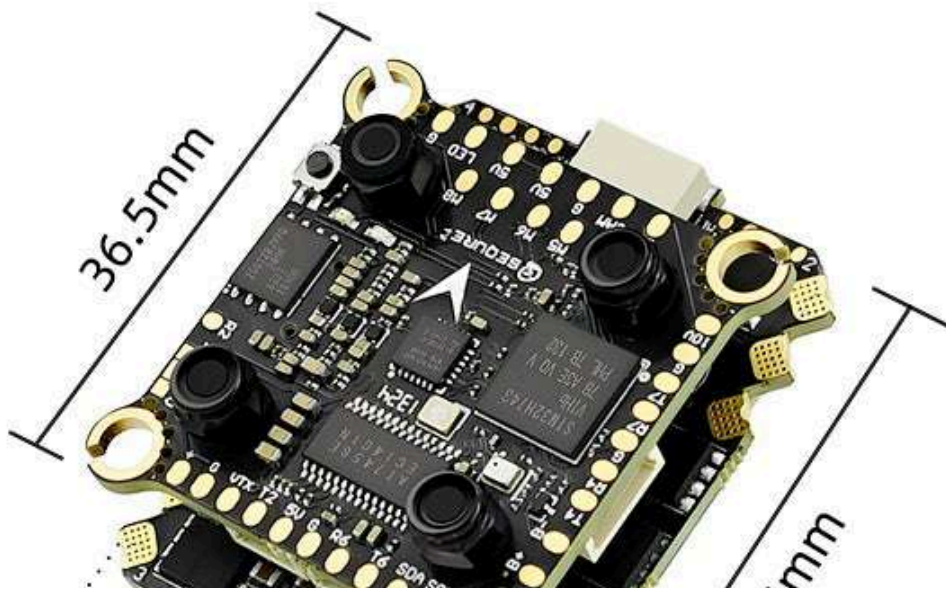
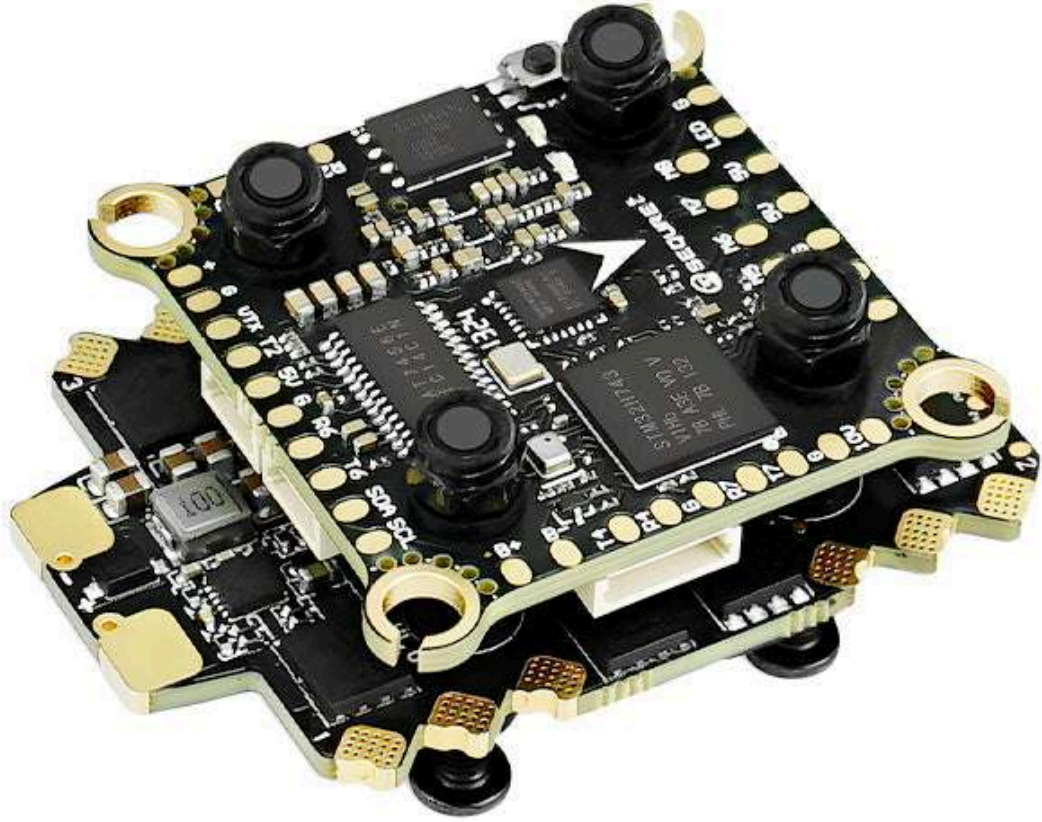


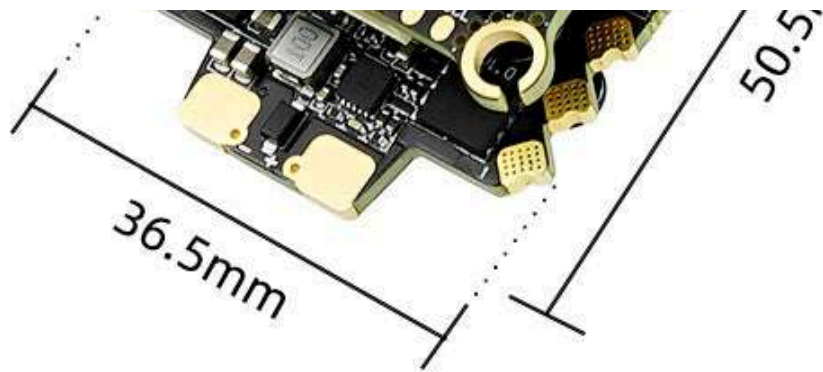


Products Real Shot









31.0g

