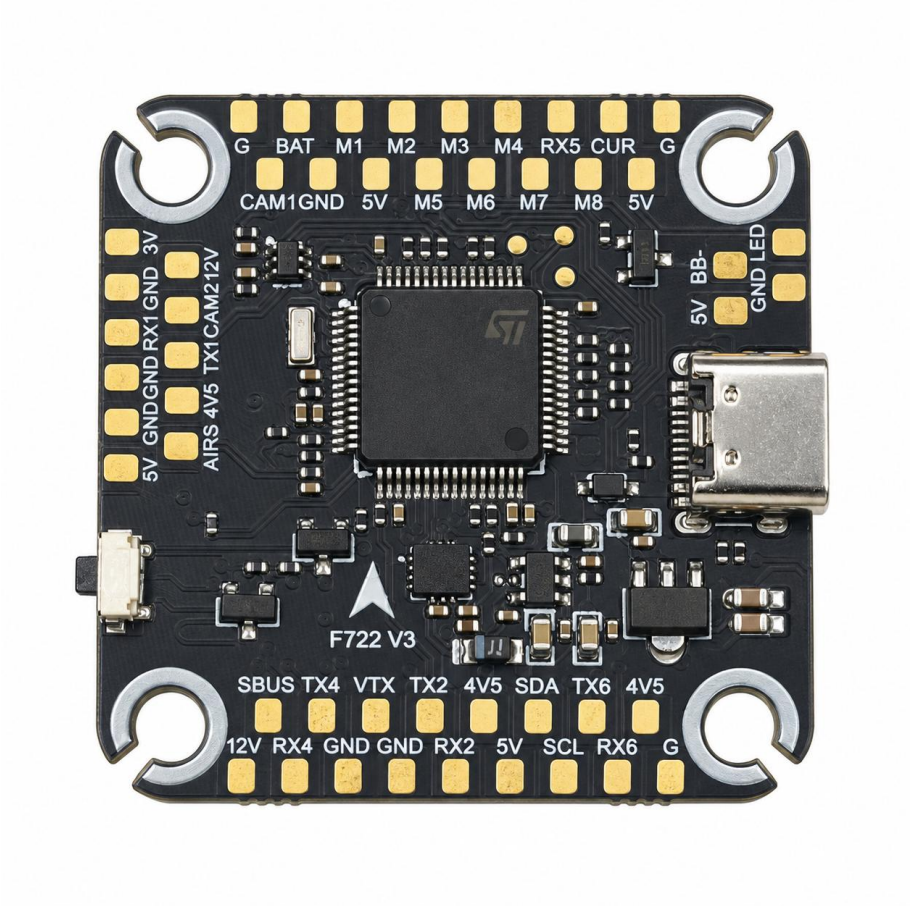
JFFC8S_F722V3 Flight Controller

User Manual V1.0



Specifications

Operating voltage: DC 7–36V (2–8S)

BEC1: 5V / 2.5A

BEC2: 12V / 2.5A

UARTs: 5

Motor output channels: 8

Blackbox: 16M

Controller: STM32 F722

Frequency: 216MHz

Gyroscope: 42688

OSD chip: AT7456E

Supported receivers: CRSF / SBUS / IBUS / DSM

Buzzer pads: supported

Current sensor feedback pad: supported

DJI O3 / O4 air unit interface: supported

Surge protection: supported

Flight controller firmware: Betaflight

Product Description

6-layer PCB with resin-filled vias and dual solder pads for greater current capacity and heat dissipation.

Industrial-grade LDO for high-temperature operation.

High-quality capacitors provide effective filtering.

Supports ESC telemetry transmission via the video link.

Package Contents

JFFC8S_F722V3 flight controller ×1; M3 dampers ×4; 8P cable ×1; manual ×1; box ×1

Applications

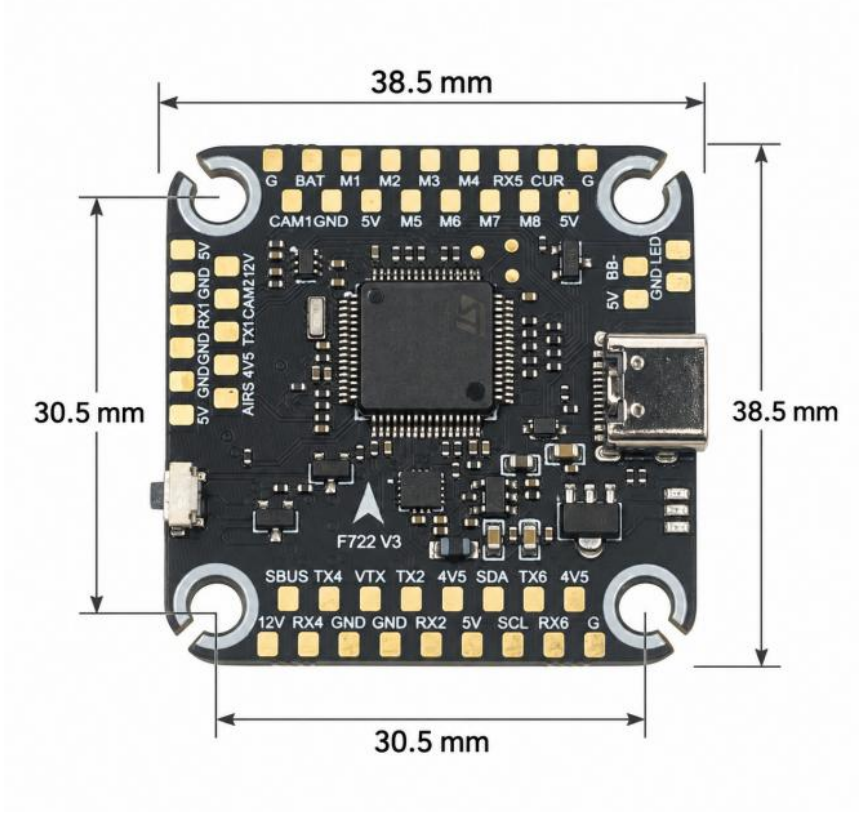
Suitable for drones, RC cars, RC boats and other models. Compatibility depends on the product model and specifications.

Product Dimensions

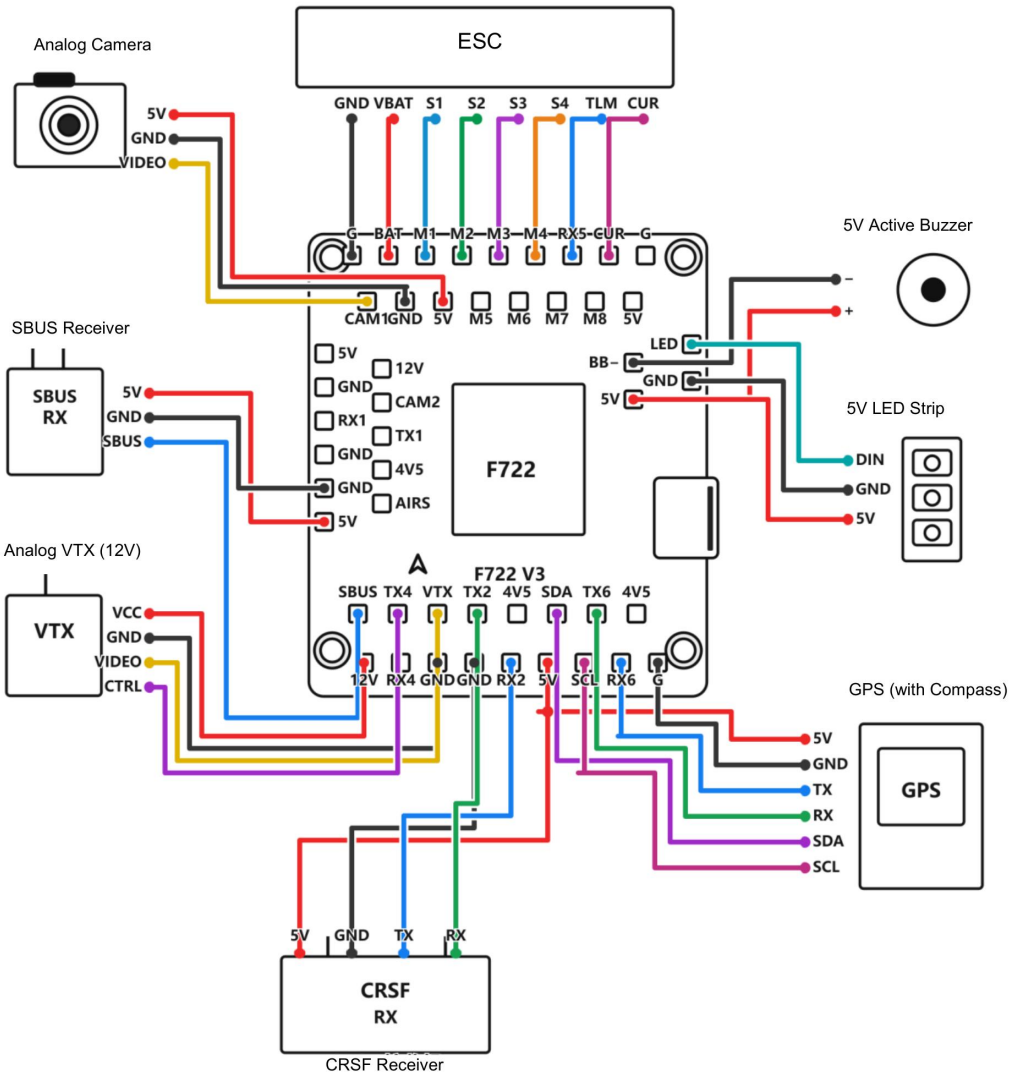
Weight: 10.18g

Dimensions: 38.5 × 38.5mm

Mounting pattern: 30.5 × 30.5mm



JFFC8S_F722V3 Wiring Diagram



Input DC 7–36V (2–8S) | BEC 5V / 2.5A · 12V / 2.5A