

Omnibus STM32F4 F4 Pro V3 Flight Controller



Produktkode: 461aa

Tilgjengelighet: Opp til 1 mnd leveringstid

Custom Field 5 (Location): S125c

Pris: kr. 512,00

Kort beskrivelse

Betaflight Omnibus STM32F4 F4 Pro V3 Flight Controller Built-in OSD

Beskrivelse

Features :

Following in the footsteps of the Omnibus F3 Pro, the Omnibus F4 Pro V3 may be the standard by which all other flight controllers are measured.

Boasting an F4 processor, on-board Betaflight OSD, MicroSD Black Box, 5v3a sbec, video filter, you'll be tuning pids with your transmitter and tearing it up at the track in no time!

With leaps and bounds in programming, it is now possible to connect your Smartaudio capable VTX such as the TBS Unify Pro 5G8 HV or TBS Unify Pro 5G8 HV - Race Edition to the J10 header using our Omnibus smartaudio connector and make VTX changes on the fly through the betaflight OSD.

Specification:

Item name: Omnibus F4 Pro V3 Flight Controller

Size: 36x36mm

Mount holes: 30.5x30.5mm

STM32 F405 MCU

Dshot support

Drag and Drop OSD configured via Betaflight Configurator

Smartaudio v2 support - Tune your PID's and configure the omnibus fc from your Transmitter

MPU6000 6 axis SPI Gyro & Accelerometer

SBUS/PPM AND Spektrum DSMX Ports

MicroSD card blackbox

Baro(BMP280)

5v3a SBEC

On-board Video Filter(only can supply 5V to VTX and Camera)

SmartAudio V2 via tx6 on J10

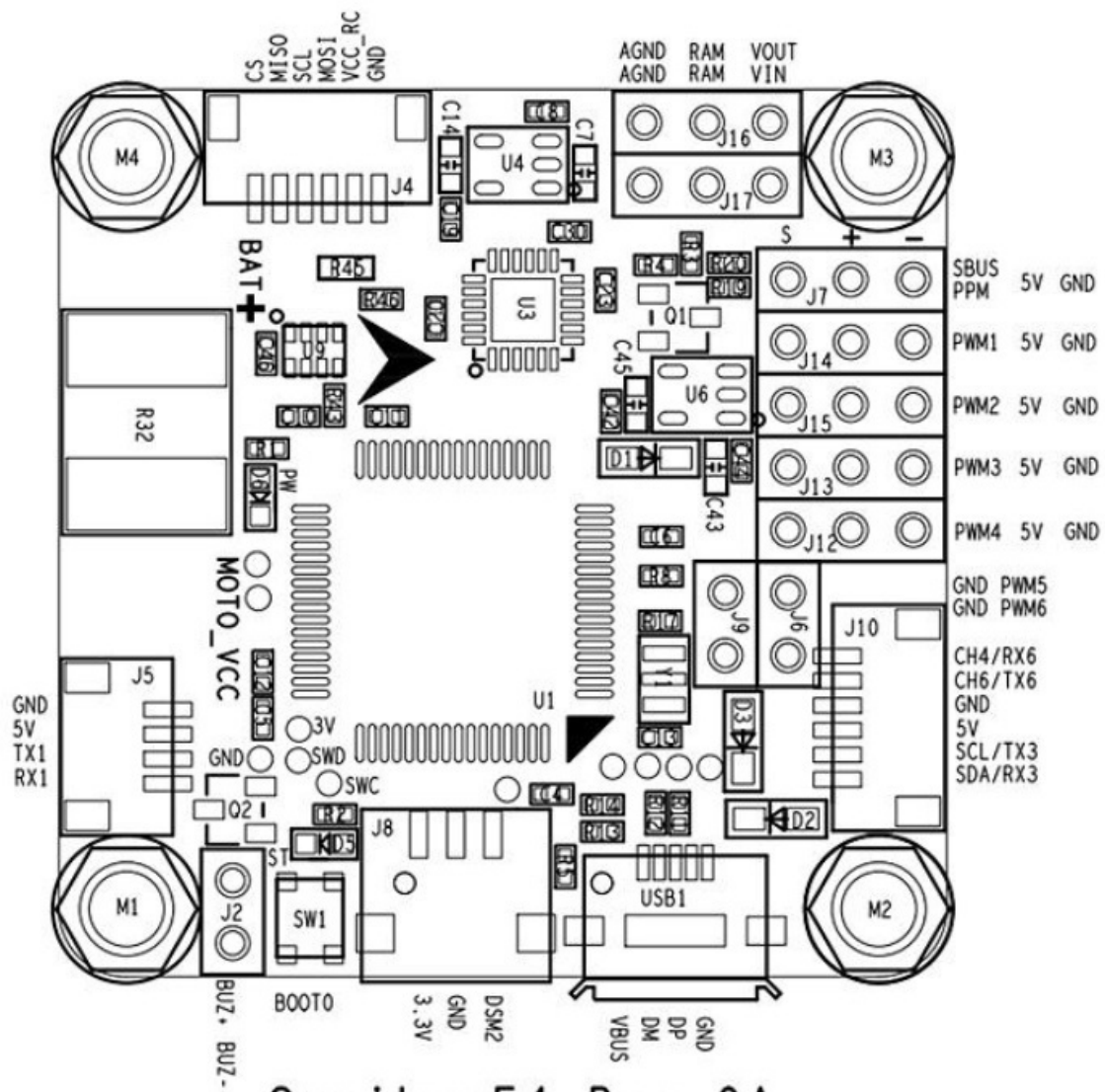
4×3 pin ESC pin layout

IR pins for lap timing transponder

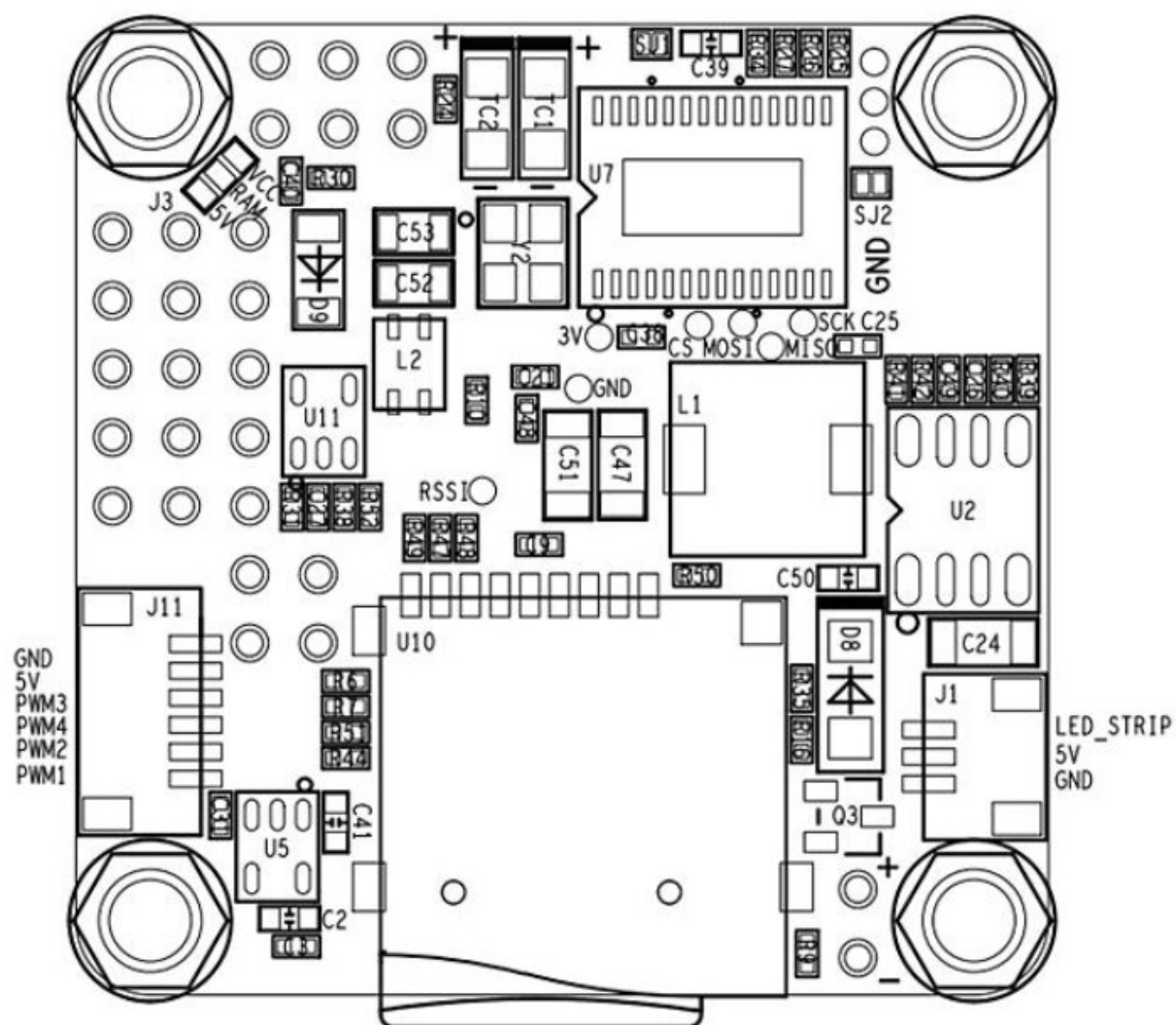
Package included:

1* Omnibus F4 Pro V3 Flight Controller

Pinout

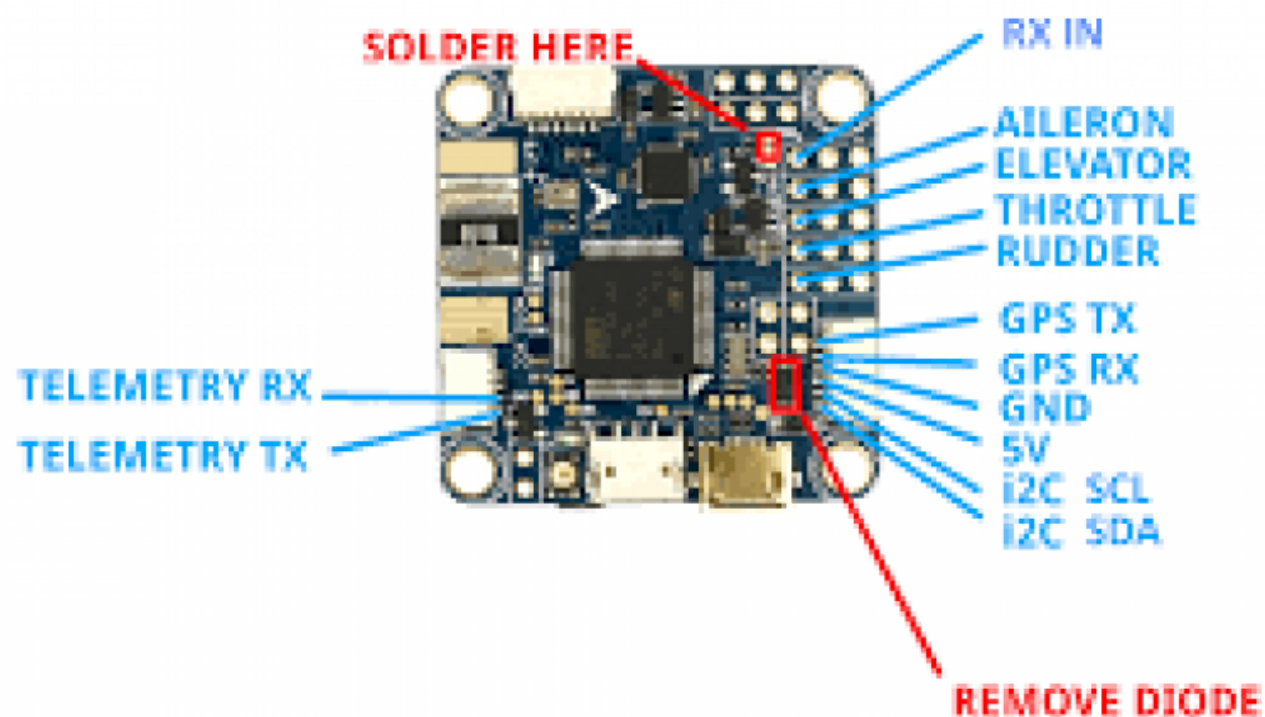


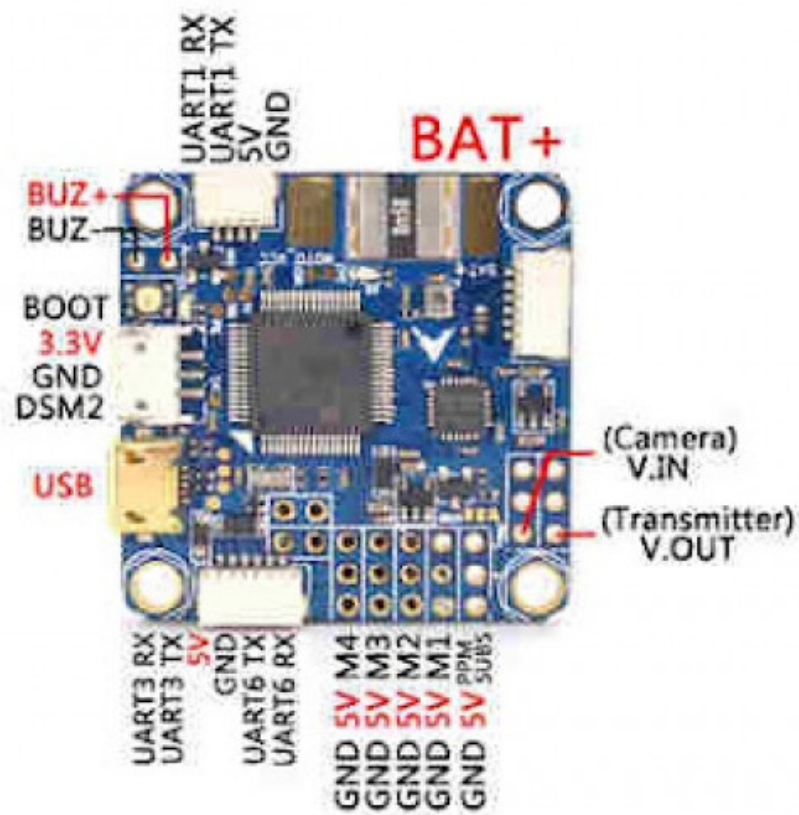
OmnibusF4-Pro-0A



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OMNIBUS F4 PRO V3 - ARDUPILOT WIRING



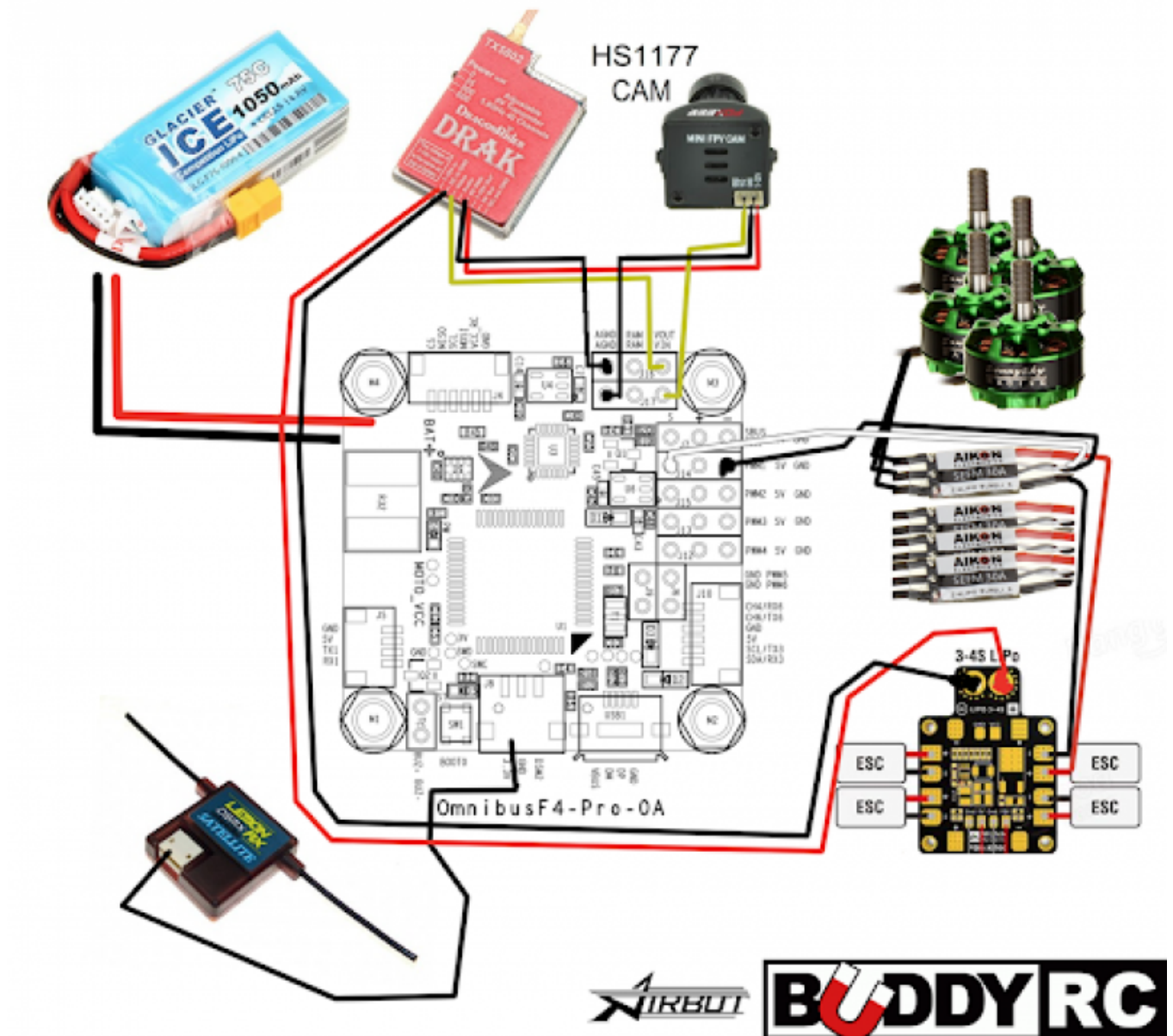




Omnibus F4-Pro-0A



OmnibusF4 Pro



Produktgalleri



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Diagram of the bottom of the flight controller showing pin connections:

- SOLDER HERE**: Points to a solder point on the top right.
- REMOVE DIODE**: Points to a diode on the bottom right.
- TELEMETRY RX**: Points to a pin on the left side.
- TELEMETRY TX**: Points to a pin on the left side.
- Pin Headers (Right Side)**:
 - RX IN**
 - AILERON**
 - ELEVATOR**
 - THROTTLE**
 - RUDDER**
 - GPS TX**
 - GPS RX**
 - GND**
 - 5V**
 - I2C SCL**
 - I2C SDA**

