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Link do produktu: <https://dronexpert.eu/iflight-fc-beast-f7-45a-aio-v-12-mpu6000-255x255-p-14806.html>



Iflight FC Beast F7 45A AIO V 1.2 (MPU6000) 25.5x25.5

Cena brutto	489,00 zł
Cena netto	397,56 zł
Dostępność	Aktualnie niedostępny
Kod producenta	B009259
Producent	IFLIGHT

Opis produktu

IFLIGHT Beast F745A V1.2 AIO Wiring Diagram

• This is a tiny high power AIO board! It's necessary to add a low ESR capacitor on your battery pads or battery lead! There's a choice of capacitors already in the package.

• Small 4S motors usually need 16V/220µF and up, for bigger and more aggressive 6S motors use at least 35V/470µF. It's necessary to protect the hardware from motor generated back EMF and voltage spikes.

Caution

• The DJI Plug&Play connector has a VBAT passthrough! Please remember, the DJI Air Unit can just handle voltage up to 4S! To fly up to 6S batteries, please use an additional BEC (Voltage regulator).

Firmware: Target: IFLIGHT_F745_AIO
ESC Firmware: G-H-30 BL5

DJI Digital Transmitters

• Please check your protocols, otherwise your DJI Radio won't input signals!
 DJI Goggle protocol and Betaflight protocol has to match!
 For lower signal latency use the SBUS, BAUD_FAST protocol option on both ends.
 For Betaflight Copy/Paste "set sbus_baud_fast-on" into your Betaflight Configurator GUI then hit enter.
 Use "save" and hit enter to save the changes.
 Default: sbus_baud_fast-off, Goggle protocol set to NORMAL

Use another transmitter(HD)

When not using the DJI remote controller, don't connect the SBUS and GND.

Receiver

Serial-based receiver (SPEKTRUM) Receiver Mode

Note: Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX_SERIAL feature.

SBUS Serial Receiver Provider

TBS Nano

CRSF

set serialrx_provider=FPORT
set serialrx_inverted=ON
set serialrx_halfduplex=ON

For different protocols and firmware (Access, F-Port, etc), please checkout the Frsky website for manuals.

Receiver

Serial-based receiver (SPEKTRUM) Receiver Mode

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CRSF Serial Receiver Provider

Analog

Identifier	Configuration/MSP	Serial Rx	Telemetry Output	Sensor Input	Peripherals
USB VCP	115200	Disabled	Disabled	Disabled	Disabled
UART1	115200	Disabled	Disabled	Disabled	Disabled
UART2	115200	Disabled	Disabled	Disabled	Disabled
UART3	115200	Disabled	Disabled	Disabled	Disabled
UART4	115200	Disabled	Disabled	Disabled	Disabled
UART5	115200	Disabled	Disabled	Disabled	Disabled
UART6	115200	Disabled	Disabled	Disabled	Disabled
UART7	115200	Disabled	Disabled	Disabled	Disabled
UART8	115200	Disabled	Disabled	Disabled	Disabled

TBS SmartAudio pin

Receiver

Serial-based receiver (SPEKTRUM) Receiver Mode

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FPort Serial Receiver Provider

LED/BUZZER

CAM

Receiver

Serial-based receiver (SPEKTRUM) Receiver Mode

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FPort Serial Receiver Provider

Specyfikacja:

- MCU: BGA-STM32F745
- ?yroskop: MPU6000
- Blackbox: 8 MB wbudowanej pami?ci flash
- Wyj?cie BEC: 5 V 2,5 A.
- Barometr: BMP280
- Z??cze: Micro-USB
- OSD: AT7456E
- Oprogramowanie sprz?towe FC ? IFLIGHT_F745_AIO
- Wzór monta?u: 25,5 * 25,5 mm ? 3 mm
- Wymiary: 32,5 * 32,5 mm
- Waga: 8,5 g

ESC // 45A 2-6S

Specyfikacja:

- Uarts: 5
- Czujnik pr?du: tak
- Wej?cie: 2-6 S LIPO
- Obecna skala: 200
- Sta?a: 45A / Burst: 50A
- BLHeli: BLHeli-S
- Telemetria: nie
- Oprogramowanie uk?adowe ESC: BlheliS GH-30
- Wzór monta?u: 25,5 * 25,5 mm / ?3 mm
- Wymiary: ? 32,5 * 32,5 mm

Paczka zawiera:

- Bestia F7 AIO x 1

- Kondensator 470uF / 16V x 1

- Kondensator 470uF / 35V x 1

- Kabel XT60 16AWG 100mm x 1

- Kabel XT30U 18AWG 70mm x 1

- Przewód silikonowy 14AWG Czerwony 100mm x 1

- Kabel silikonowy 14AWG Czarny 100mm x 1

Kabel -1.0-7P 50mm-28mm x 1

Kabel -1.0-7P 50mm x 1

- Przepusty silikonowe M2 x 4

- Śruby M2 * 12 mm x 8

- Nakrętka z przezroczystego nylonu M2 x 8

- Czarna rura termokurczliwa 0,8 mm 10 mm x 8