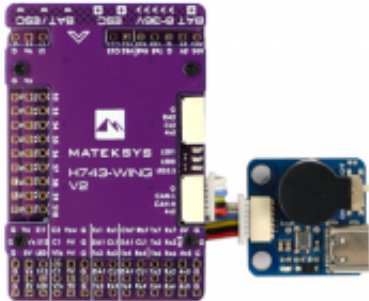


Link do produktu: <https://www.nobshop.pl/matek-fc-h743-wing-v2-aio-osd-h7-inav-ardupilot-p-3215.html>



MATEK FC H743-WING V2 AIO OSD H7 Inav Ardupilot

Cena brutto	429,99 zł
Cena netto	349,59 zł
Dostępność	Aktualnie niedostępny
Czas wysyłki	1 - 3 dni
Producent	Matek Systems

Opis produktu

MATEK FC H743-WING V2 AIO OSD H7 Inav Ardupilot

MatekSys FC H743-Wing V2 to najnowsza wersja kontrolera lotu Mateka Wing przeznaczona do modeli dronów, latających skrzydeł, szybowców, motoszybowców, pojazdów jeżdżących i wielu innych opartych o oprogramowanie Inav lub Ardupilot. Kontroler otrzymał nowy, o wiele bardziej wydajny procesor H7.

FC Specifications

- MCU: STM32H743VIT6, 480MHz , 1MB RAM, 2MB Flash
- IMU: MPU6000 (SPI1) & ICM42605 (SPI4)
- Baro: Infineon DPS310 (I2C2)
- OSD: AT7456E (SPI2)
- Blackbox: MicroSD card slot (SDIO)
- 7x Uarts (1,2,3,4,6,7,8) with built-in inversion.
- 13x PWM outputs(including "LED" pad)
- 2x I2C
- 1x CAN
- 6x ADC (VBAT, Current, RSSI, Analog AirSpeed, VB2, CU2)
- 3x LEDs for FC STATUS (Blue, Red) and 3.3V indicator(Red)
- 1x SPI3 breakout
- USB/Beep Extender with Type-C(USB2.0)
-
- Dual Camera Inputs switch
- 5V/9V(12V) for Camera/VTX power switch
- High-precision Current Sense (90A continuous, 220A peak)
- Battery Voltage Sensor: 1K:10K (Scale 1100 in INAV, BATT_VOLT_MULT 11.0 in ArduPilot)
- ADC VB2 voltage divider: 1K:20K
- ADC AirSpeed voltage divider: 20K:20K
- Static power 160mA@5V

FC Firmware

- ArduPilot(ChiBiOS): MATEKH743
- INAV: MATEKH743

PDB

- Input voltage range: 8~36V (3~8S LiPo) w/TVS protection
- 2x ESC power pads
- Current Senor: 220A, 3.3V ADC (Scale 150 in INAV, 66.7 A/V in ArduPilot)
- Sense resistor: 90A continuous, 220A peak.

BEC 5V output

- Designed for Flight controller, Receiver, OSD, Camera, Buzzer, 2812 LED_Strip, Buzzer, GPS module, AirSpeed

-
- Output 5.15 +/- 0.1V DC
 - Continuous current 2 Amps, 3A Peak

BEC 9V /12V output

- Designed for Video Transmitter, Camera, Gimbal ect.
- Continuous current 2 Amps, 3A Peak
- 12V option with Jumper pad

BEC Vx output

- Designed for Servos
- Voltage adjustable, 5V Default, 6V or 7.2V via jumper
- Continuous current 8 Amps, 10A Peak

BEC 3.3V output

- Linear Regulator
- Continuous current: 200mA

Physical

- Mounting: 30.5 x 30.5mm, Φ 4mm with Grommets Φ 3mm
- Dimensions: 54 x 36 x 13 mm
- Weight: 30g with USB extender

W zestawie:

- 1x H743-WING
- 1x USB(Type-C)/Beep (Passive buzzer) Extender
- 1x 20cm JST-SH-6P to JST-SH-6P cable for USB extender.
- 2x 20cm JST-GH-4P to JST-GH-4P cable for CAN & I2C port
- 1x Rubycon ZLH 35V 470uF capacitor
- Dupont 2.54 pins