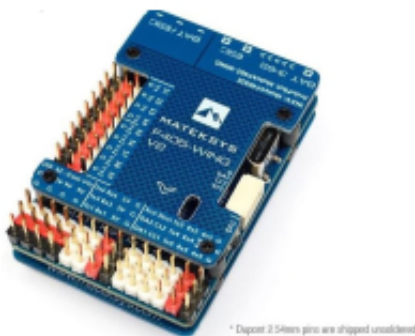


Link do produktu: <https://www.nobshop.pl/kontroler-lotu-fc-matek-f405-wing-v2-p-4150.html>

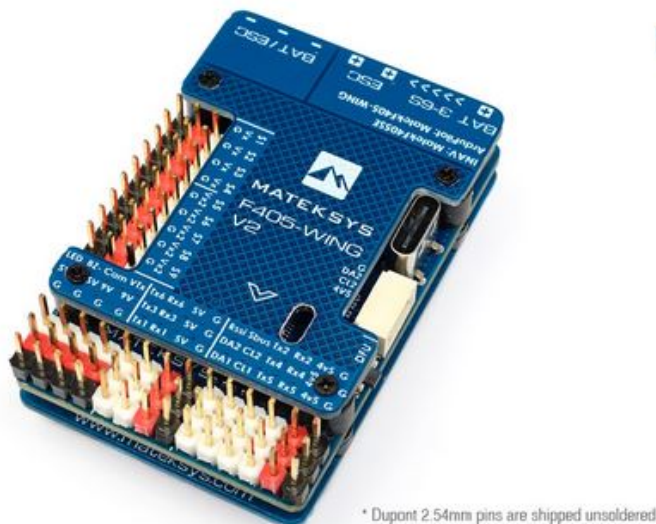


Kontroler lotu FC MATEK F405-WING V2

Cena brutto	225,00 zł
Cena netto	182,93 zł
Dostępność	Aktualnie niedostępny
Czas wysyłki	1 - 3 dni
Producent	Matek Systems

Opis produktu

Kontroler lotu FC MATEK F405-WING V2



MATEKSYS Flight Controller F405-Wing-V2

- * MCU STM32F405RGT6
- * IMU ICM42688-P
- * Barometer DPS310
- * OSD AT7456E
- * BlackBox MicroSD
- * 6x UARTs, 2x I2C
- * 3x ADC
- * 10x PWM outputs
- * 9~30V DC IN (3~6S LiPo)
- * 220A current sensor (100A continuous)
- * BEC 5V 2A for FC and peripherals
- * BEC 9V 2A, 12V option for Camera/VTx
- * BEC Vx 5A cont. 6A Peak for servos (5V, 6V, 7.2V option)
- * 54*36*13mm, 25g
- *** ArduPilot MatekF405-WING
- *** INAV MATEKF405SE

Specifications:

- MCU: STM32F405RGT6, 168MHz , 1MB Flash
- IMU: ICM42688-P
- Baro: DPS310
- OSD: AT7456E
- Blackbox: MicroSD card slot
- 6x UARTs, 1x Softserial_Tx option(INAV)
- 10x PWM outputs
- 2x I2C
- 3x ADC (VBAT, Current, RSSI)
- Built in inverter for SBus input
- USB Type-C(USB2.0)

FC Firmware

- **ArduPilot: MatekF405-Wing (ArduPlane 4.4 or newer)**
- **INAV: MATEKF405SE (INAV 6.0 or newer)**

PDB

- Input voltage range: 9~30V (3~6S LiPo) w/TVS protection
- Current Sensor: 220A, 3.3V ADC (**INAV scale 150, ArduPilot 66.7A/V**)
- Sense resistor: 100A continuous, 220A peak
- Battery Voltage divider 1K:10K (Scale 1100 in INAV, BATT_VOLT_MULT 11.0 in ArduPilot)

BEC 5V output

- Designed for Flight controller, Receiver, OSD, Camera, Buzzer, 2812 LED_Strip, Buzzer, GPS module, AirSpeed
- Continuous current: 2 Amps

BEC 9V /12V output

- Designed for Video Transmitter, Camera, Gimbal ect.
- Continuous current: 2 Amps
- 12V option with Jumper pad
- for stable 9V/12V output, input voltage should > output voltage +1V

BEC Vx output

- Designed for Servos
- Voltage adjustable, 5V Default, 6V or 7.2V options
- Continuous current: 5 Amps, 6A Peak
- for stable Vx output, input voltage should > Vx voltage +1V

BEC 3.3V output

- Designed for external 3.3V peripherals
- 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: 25g

Including

- 1x F405-Wing-V2
- 1x 20cm JST-GH-4P to JST-GH-4P cable for I2C port
- Dupont 2.54 pins (**Board is shipped unsoldered**)

