

Link do produktu: <https://dronexpert.eu/kontroler-lotu-matek-h743-mini-20x20-flight-controller-8pwm-motors-p-14945.html>



Kontroler lotu MATEK H743 mini 20x20 Flight Controller 8PWM Motors

Cena brutto	377,00 zł
Cena netto	306,50 zł
Dostępność	Aktualnie niedostępny
Czas wysyłki	24 godziny
Producent	MATEKSYS

Opis produktu

Kontroler lotu MATEK H743 mini 20x20 Flight Controller 8PWM Motors

- MCU: STM32H743VIT6, 480MHz , 1MB RAM, 2MB Flash
- IMU: MPU6000 (SPI1) & ICM20602 (SPI4)
- Baro: Infineon DPS310 (I2C2)
- OSD: AT7456E (SPI2)
- Blackbox: MicroSD card socket (SDIO)
- 5.5x Uarts (1,2,4,6,7, Rx8)
- 11x PWM outputs(S1~S10, LED)
- 2x I2C (I2C1/DA1 CL1 pads, no I2C2 breakout)
- 1x CAN (C-H, C-L pads)
- 5x ADC (VBAT, Current, RSSI, VB2, CU2)
- 3x LEDs for FC STATUS (Blue, Red) and 3.3V indicator(Red)
- 1x JST-SH1.0_8pin connector (Vbat/G/Curr/Rx8/S1/S2/S3/S4)
- Dual Camera Inputs switch
- 8V power ON/OFF switch

Power

- Vbat Input: 6.3~36V (2~8S LiPo)
- BEC: 5V 1.5A cont. (Max.2A)
- BEC: 8V 1.5A cont. (Max.2A), 8V outputs stable when Vbat>=10V, 8V outputs 80% of Vbat when Vbat< 10V
- LDO 3.3V: 200mA
- VB2 pad supports Max. 69V (voltage divider 1K:20K)
- Static power: 200mA@5V with Betaflight, 150mA@5V with ArduPilot

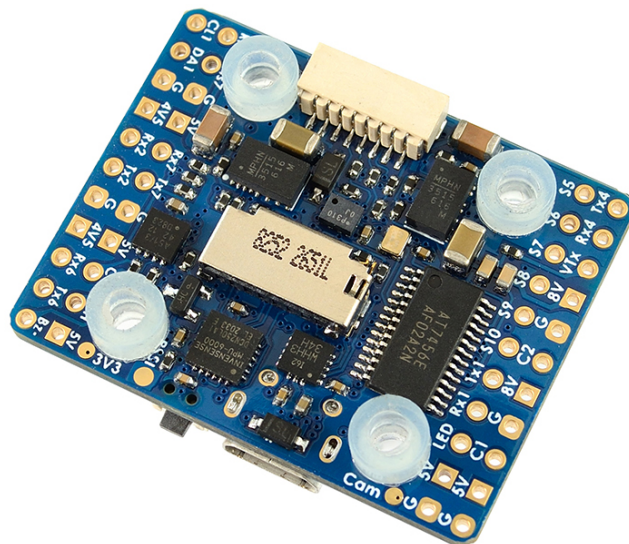
FC Firmware

- ArduPilot(ChiBiOS): MATEKH743
- BetaFlight: MATEKH743
- INAV: MATEKH743 (To be supported soon)

Physical

- Mounting
 - 20 x 20mm/Φ3mm with Silicon Grommets
 - 20 x 20mm/Φ2mm with Silicon & Brass Grommets
- Dimensions: 36 x 28 x 6.5mm
- Weight: 7g

- 1x H743-MINI
- 6x Silicon grommets M4 to M3
- 6x Brass grommets M3 to M2
- 1x JST-SH1.0_8pin cable, 5cm
- 2x JST-SH1.0_8pin connectors



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