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Link do produktu: https://www.nobshop.pl/kontroler-lotu-matek-f411-wing-p-2578.html

Kontroler lotu FC Matek F411 Wing

Cena brutto	**155,99 zł**
Cena netto	**126,82 zł**
Dostępność	**Aktualnie niedostępny**
Czas wysyłki	**1 - 3 dni**
Producent	**Matek Systems**

Opis produktu

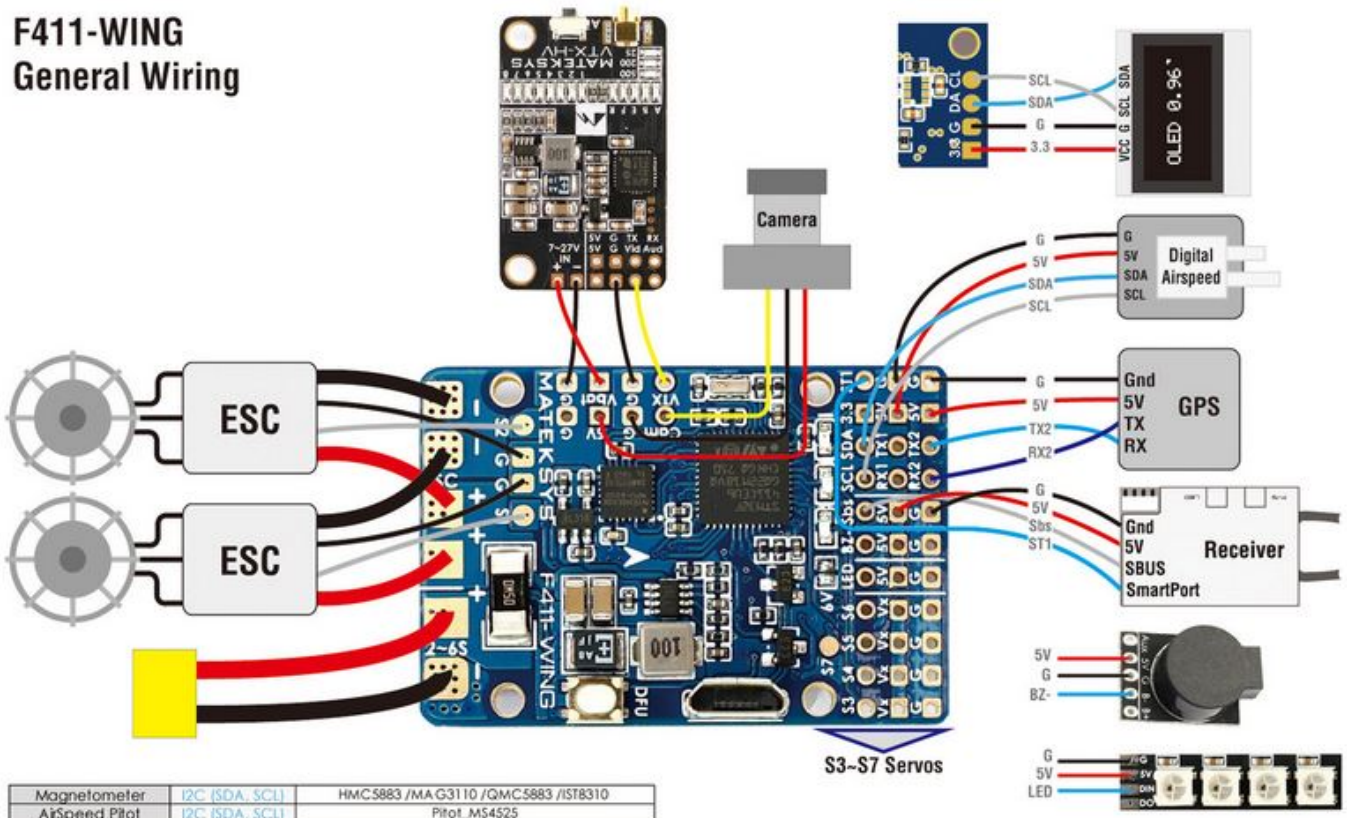
Kontroler Lotu Matek F411 Wing

Jeśli szukasz idealnego kontrolera lotu do samolotu, bądź latającego skrzydła FPV, to kontroler Matek F411 Wing to idealne rozwiązanie. Na pokładzie znalazł się wydajny procesor F4 o taktowaniu 100MHz. Połączony jest z 6 osiowym żyroskopem, który zapewnia idealną stabilizacje modelu w locie. Oprócz tego FC ma wbudowane OSD, który wyświetla informacje o każdym parametrze lotu, oraz barometr, który po podłączeniu modułu GPS pozwala utrzymywać zadany kurs wraz z wysokością.

Specyfikacja:

MCU - 100MHz STM32F411
IMU - MPU6000 accelerometer/gyro (SPI)
Baro - BMP280 (I2C)
OSD - INAV OSD w/ AT7456E chip
Blackbox - No

VCP & 2x UARTs
2x Motors, 5x Servos outputs
1x I2C
3x LEDs for FC STATUS (Blue, Red) and 3.3V indicator(Red)
Built in inverter for SBUS input (UART1-RX)
SoftSerial_Tx1 - ST1 pad by default
PPM: ST1 pad with softserial disabled
Battery Voltage Sensor: 1:10 (Scale 1100)
WS2812 Led Strip - Yes
Beeper - Yes
RSSI - No
Mounting: 24 x 24mm, Φ2mm
Dimensions: 41 x 28 x 10mm
Weight: 7g (Total 12g w/ bottom plate and M2 standoffs)



Magnetometer	I2C (SDA, SCL)	HMC5883 /MAG3110 /QMC5883 /IST8310
AirSpeed Pitot	I2C (SDA, SCL)	Pitot_MS4525
OLED	I2C (SDA, SCL)	0.96" 128*64

SBUS	Sbs pad	Built-in inverter on UART1-RX
GPS	UART2 (Tx2 Rx2)	
Frsky Smartport or VTX control	ST1 pad	Softserial-TX1 is enabled on ST1 pad by default

FPort	UART1 (TX1)	Need non-inverted Smartport signal(hacked)
GPS	UART2 (Tx2 Rx2)	
VTX control	ST1 pad	Softserial-TX1 is enabled on ST1 pad by default

PPM	ST1 Pad	Need to disable CPU based serial ports
GPS	UART1 (Tx1 Rx1)	
VTX control	UART2 (Tx2)	SA / TR

CrossFire	UART1 (Tx1 Rx1)	
GPS	UART2 (Tx2 Rx2)	
VTX control	ST1 pad	Softserial-TX1 is enabled on ST1 pad by default

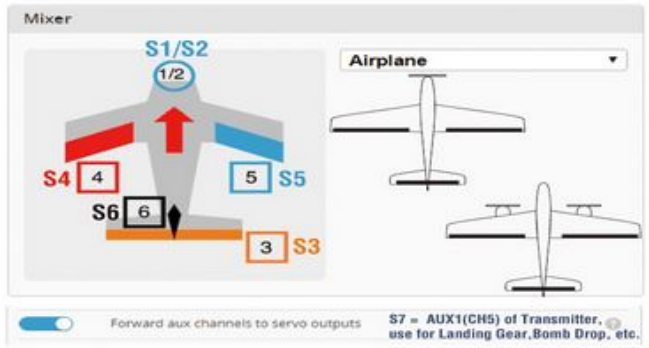
Spektrum/IBUS	UART1 (Tx1 Rx1)	
GPS	UART2 (Tx2 Rx2)	
VTX control	ST1 pad	Softserial-TX1 is enabled on ST1 pad by default

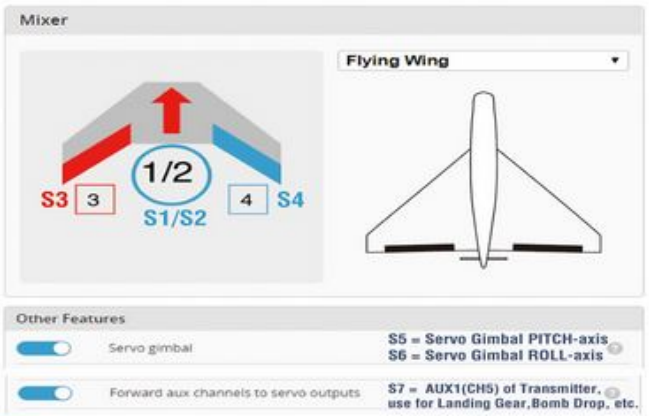
Voltage scale 1100
Current scale 423

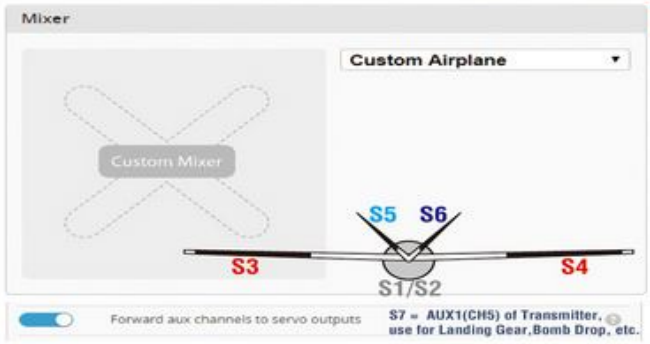
Identifier	Data	Telemetry	RX	Sensors
USB VCP	MSP 115200	Disabled AUTO	Serial RX	Disabled 38400
UART1	MSP 115200	Disabled AUTO	Serial RX	Disabled 38400
UART2	MSP 115200	Disabled AUTO	Serial RX	GPS 9600
SOFTSERIAL1	MSP 115200	SmartPort AUTO	Serial RX	Disabled 38400

F411-WING Mixer w/ INAV1.9.x

INAV MATEKF411		Airplane	Flying Wing	Custom Airplane
	S1	Motor-1	Motor-1	Motor-1
	S2	Motor-2	Motor-2	Motor-2
	S3	ELEV	Left AILE	Left AILE
	S4	Left AILE	Right AILE	Right AILE
Servo Gimbal Forward aux CH	S5	Right AILE	Gimbal PITCH	Left V-tail
	S6	RUDD	Gimbal ROLL	Right V-tail
	S7	AUX1(CH5)	AUX1(CH5)	AUX1(CH5)







F411-WING Mixer w/ INAV2.0

INAV MATEKF411		Airplane	Flying Wing	Custom Airplane
	S1	Motor-1	Motor-1	Motor-1
	S2	Motor-2	Motor-2	Motor-2
	S3	ELEV	Left AILE	Left AILE
	S4	Left AILE	Right AILE	Right AILE
Servo Gimbal Forward aux CH	S5	Right AILE	Gimbal PITCH	Left V-tail
	S6	RUDD	Gimbal ROLL	Right V-tail
	S7	AUX1(CH5)	AUX1(CH5)	AUX1(CH5)

Mixer

Platform configuration

Airplane Platform type

Has flaps

Mixer preset

Airplane

Load and apply Load mixer

Output Mapping

Output	S1	S2	S3	S4	S5	S6	S7
Function	Motor 0	Motor 1	Servo 2	Servo 3	Servo 4	Servo 5	Servo 6

Motor Mixer

Motor	Throttle	Roll	Pitch	Yaw	
1	1	0	0	0	Delete
2	1	0	0	0	Delete

Add new mixer rule

Servo mixer

Servo	Input	Weight	Speed	
3	Stabilised Roll	100	0	Delete
4	Stabilised Roll	100	0	Delete
3	Flaps	100	0	Delete
4	Flaps	-100	0	Delete
5	Stabilised Yaw	100	0	Delete
2	Stabilised Pitch	100	0	Delete
6	RC Channel 6	100	0	Delete

Stabilised Roll
Stabilised Pitch
Stabilised Yaw
Stabilised Throttle
RC Roll
RC Pitch
RC Yaw
RC Throttle
RC Channel 5
RC Channel 6
RC Channel 7
RC Channel 8
Gimbal Pitch
Gimbal Roll
Flaps

Add new mixer rule

Save and Reboot