F405 V1.1 Flight Controller+45A 2-6S 4 in 1 ESC Flytower (mpu6500)

* Series Name: STM32F
* Timer: 12x 16-bit, 2x 32-bit
* Package Type: LQFP
* Number of USART Channels: 4
* Mounting Type: Surface Mount
* Number of I2C channels: 3 pins
* Dimension: 10x 10x 1.45mm
* Device Core: ARM Cortex M4
* Number of UART channels: 2
* Data Bus Width: 32Bit
* Timer Resolution: 16bit,32bit
* Program memory size: 1.024 MB
* Height: 1.45mm
* Maximum Frequency: 168MHz
* Width: 10mm
* Memory Size: 192 kB
* Analog-to-digital converter resolution: 12 Bit
* USB channels: 2
* Minimum operating temperature: -40 °C
* Number of PWM units: |2
* PWM Resolution: 16Bit
* Analog-to-digital converter channels: 16 channels
* Instruction Set Architecture: DSP
* Number of SPI channels: 3
* Number of CAN channels: 2
* Typical Operating Supply Voltage: 3.6 V
* Analog-to-digital converters: 3 (16x12 bit)
* Program memory type: Flash
* Length: 10mm
* Pulse width modulation: 2 (16-bit)
* Maximum operating temperature: +85 °C
* Number of timers: 2, 12
* Number of analog-to-digital converter units : 3 analog-to-digital converter units