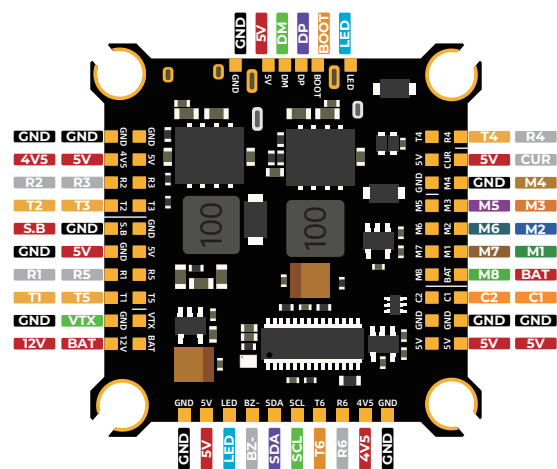


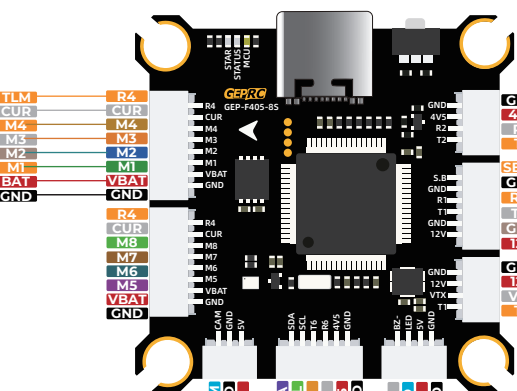
# GEP-F405-8S 飞控



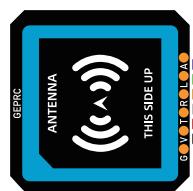
主控: STM32F405  
陀螺仪: ICM42688-P(SPI)  
黑匣子: 16M  
BEC输出: 5V@3A,12V@3A双路输出  
气压计: 支持  
最大外尺寸: 37 x 37mm  
安装孔位: 30.5x30.5mm(M3)  
固件目标: GEPRCF405\_BT\_HD  
输入电压: 3-8S LiPo  
UART串口: 6个  
双摄像头切换: 支持  
电机输出: 8个



电调



摄像头



GPS模块

标识符	设置/MSP	传感器输入
UART5	115200	已禁用
UART6	115200	GPS

接收机

标识符	设置/MSP	串行数字接收机
USB VCP	115200	
UART1	115200	
UART2	115200	

接收机

串行数字接收机(SPEKSAT,SBUS,S) 接收机模式

注意: 使用串行接收机时, 请选择串口接收机类型, 并在串口页面设置相应的串口。

CRSF 串行数字接收机协议

大疆数字图传系统

标识符	设置/MSP	串行数字接收机
USB VCP	115200	
UART1	115200	
UART2	115200	

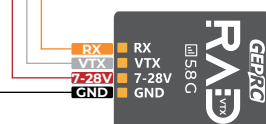
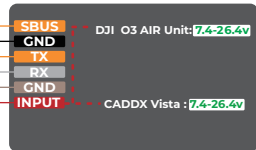
接收机

串行接收机(通过UART) 接收机模式

必须将接收机对应的UART 设置为"数字串行接收机"(在 端口页面)  
从下拉列表中选择正确的数据格式, 如下:

SBUS 串行数字接收机协议

DJI AIR Unit Module



LED



蜂鸣器

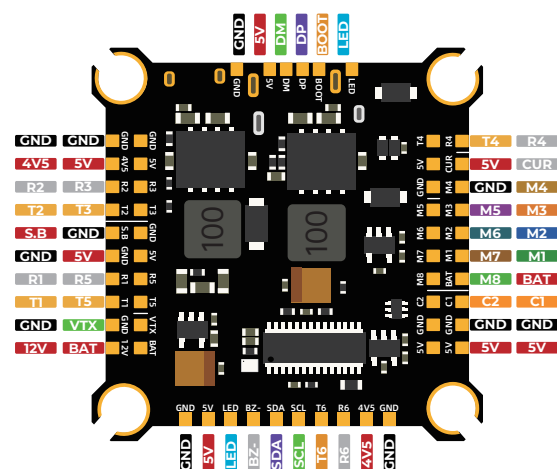
模拟图传

标识符	设置/MSP	外设
USB VCP	115200	已禁用
UART1	115200	VTX,IRC Tamp
UART2	115200	已禁用

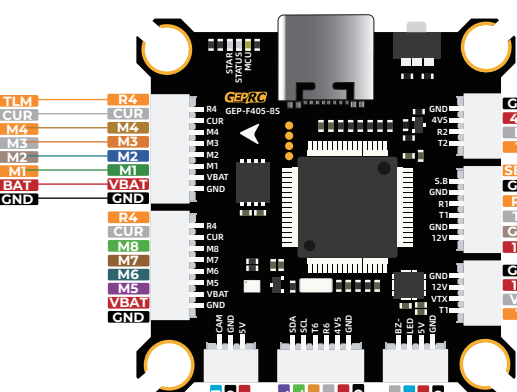
# GEP-F405-8S Flight Controller



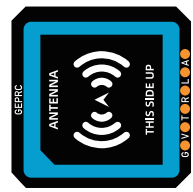
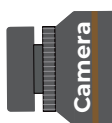
MCU: STM32F405  
IMU: ICM42688-P(SPI)  
BlackBox: 16M  
BEC: 5V@3A,12V@3A dual BEC  
Barometer: Supported  
Size: 37 x 37mm  
Mounting: 30.5x30.5mm(M3)  
Target: GEPRCF405\_BT\_HD  
Input Voltage: 3-8S LiPo  
UART: 6  
Dual camera switching: Supported  
Motor output: 8



ESC



Camera



GPS Module

Identifier	Configuration/MSP	Sensor Input
UART5	115200	Disabled
UART6	115200	GPS

Receiver

Identifier	Configuration/MSP	Serial RX
USB VCP	115200	
UART1	115200	
UART2	115200	

Receiver

Serial-based receiver(SPEKSAT,S) Receiver Mode

Note:Remember to configure a Serial Port (via Ports tab) and choose a Serial Receiver Provider when using RX\_SERIAL feature.

CRSF Serial Receiver Provider

DJI Diagram FPV System

Identifier	Configuration/MSP	Serial Rx
USB VCP	115200	
UART1	115200	
UART2	115200	

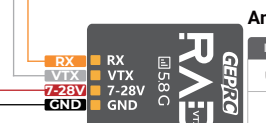
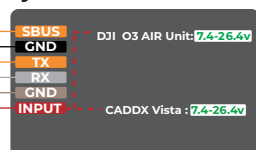
Receiver

Serial (via UART) Receiver Mode

The UART for the receiver must be set to "Serial Rx" (in the Ports tab)  
Select the correct data format from the drop-down, below:

SBUS Serial Receiver Provider

DJI AIR Unit Module



LED



Buzzer

Analog VTX

Identifier	Configuration/MSP	Peripherals
USB VCP	115200	Disabled
UART1	115200	VTX,IRC Tamp
UART2	115200	Disabled

v1.1