# ESC Specifications

Input Voltage: 9~27V DCIN(3~6SLiPo)

Constant Current: 30A

Peak Current: 35A

BEC Ouput: No

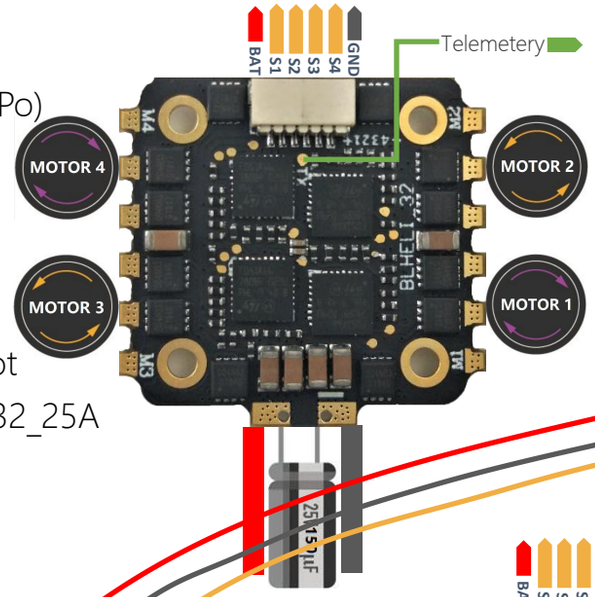
MCU: 48MHz STM32F051K6U6

Protocol:DSHOT/Oneshot/MultiShot

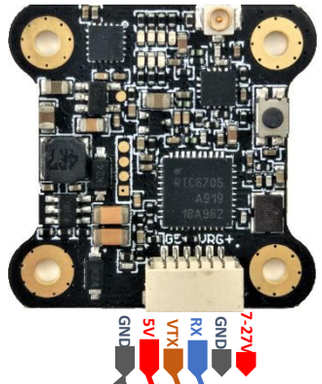
BLHeli_32 Firmware target：MARS32_25A

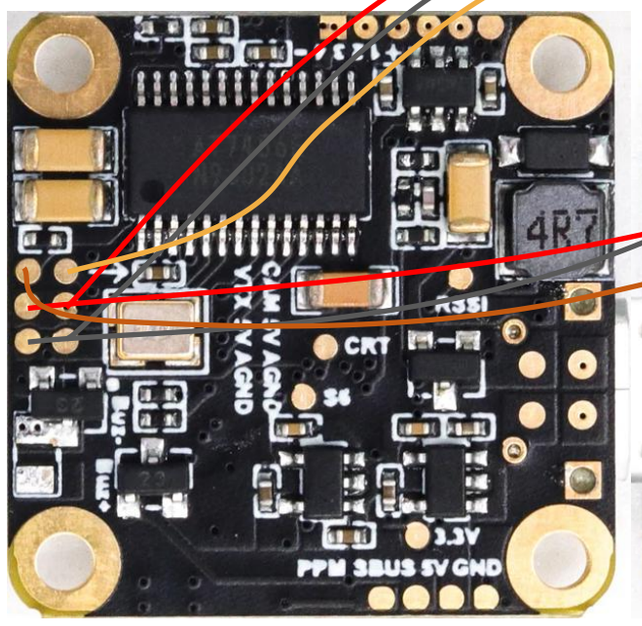
Telemetery:Yes

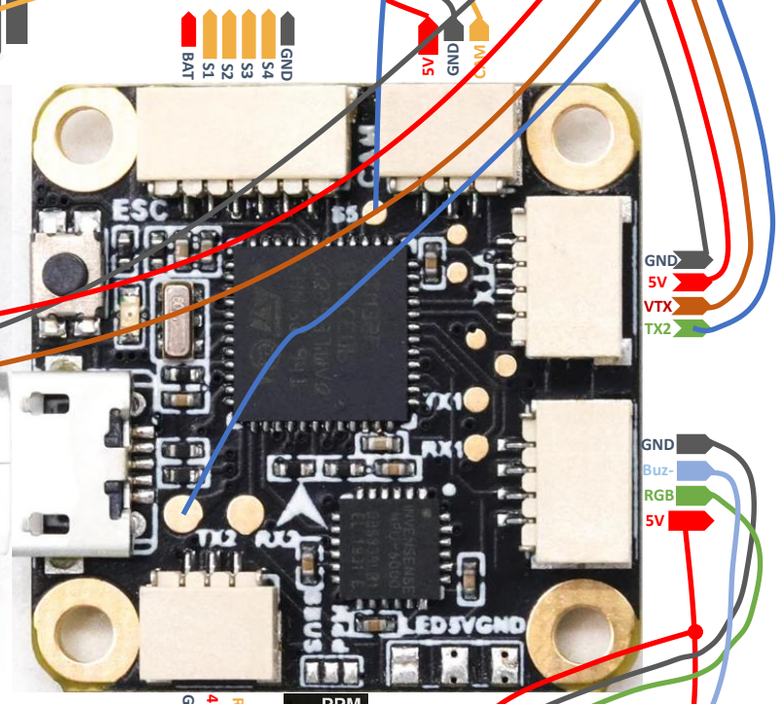
Current Sensor:No

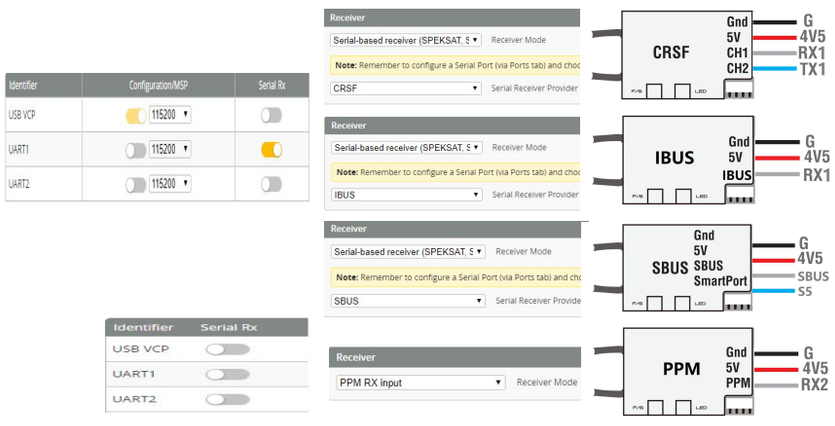


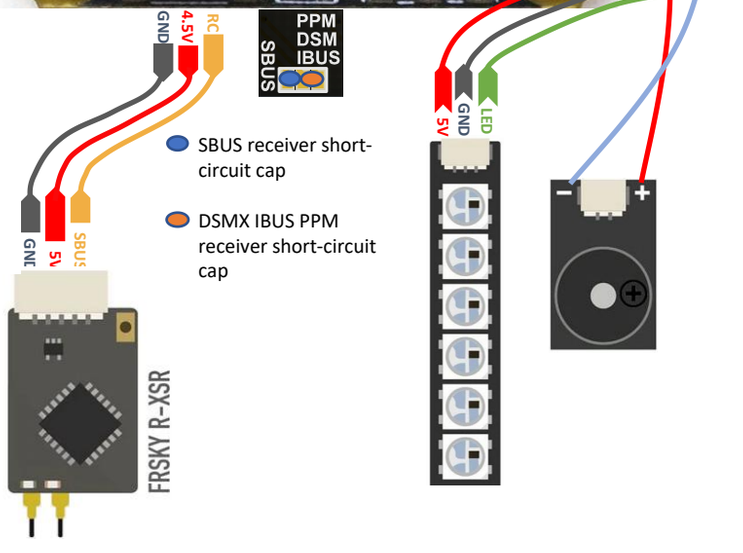


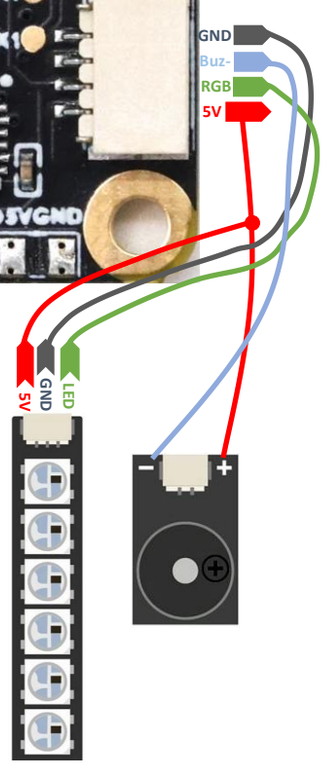



*** SBUS/IBUS/DSM can be connected to any unused UART_RX1

*** Frsky FPort, SmartPort can be connected to any unused UART_TX

*** PPM share RX2 pad, must disable Serial RX on UART2

# FC Specifications

MCU: 100MHz STM32F411CEU6

IMU: MPU6000(SPI)

Baro: No

Blackbox: No

OSD:AT7456E

2xUarts(1,2)

Built in inverter for SBUS input (UART1-RX)

2xSoftserial supported(S5,S6)

1x SH1.0_6pin for 4in1 ESC Signal

1x SH1.0_3pin for Receiver Unit

1x SH1.0_3pin for Analog Camera Unit

1x SH1.0_4pin for Analog VTX Unit

1x SH1.0_4pin for BEEP&RGB Unit

9~27V DCIN(3~6SLiPo)

BEC:5V 2A cont.(Max 2.5A)

LDO3.3V:Max 200mA

Battery Voltage Sensor: 1:10(Scale110)

BetaFlight target:MATEKF411