

# BLHELI-S 3-6S 60A

## F722 V1

### Stack Specifications:

|                     |                    |
|---------------------|--------------------|
| MCU                 | STM32F722          |
| Frequency           | 216MHz             |
| GYRO                | gyro ICM-42688-P   |
| OSD                 | AT7456E            |
| Blackbox            | 16M Memory         |
| Uarts               | 3 Set              |
| Receiver            | CRSF/SBUS/IBUS/DSM |
| 12C                 | Yes                |
| Buzzer Pad          | Yes                |
| CURR Pad            | Yes                |
| ESC Signal          | 4 Set              |
| BEC 3.3V            | 0.5A               |
| BEC 5V              | 2A                 |
| BEC 9V              | 2A                 |
| BF LED              | Yes                |
| AIR UNIT Port       | Yes                |
| BEC Protection      | Yes                |
| Receiver Protection | Yes                |
| TVS Protection      | Yes                |
| Input               | 6S Lipo            |
| Soft Ware           | Betaflight         |
| Mounting            | 30.5x 30.5mm/M3    |
| Size                | 36x38x8mm          |
| Weight              | 9g                 |

### The Default Port:

|        |          |
|--------|----------|
| UART 1 | Receiver |
| UART 3 | VTX      |
| UART 6 | TELE     |
| UART 2 |          |
| UART 4 |          |
| UART 5 |          |

### Target:BEASTFPVF722

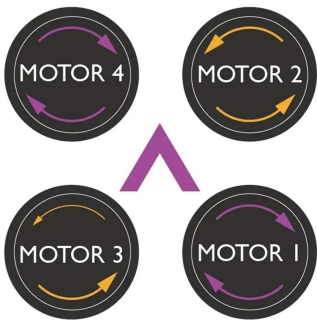
|               |              |
|---------------|--------------|
| Main firmware | STM32 F722   |
| Config file   | BEASTFPVF722 |

**Power indicator**

Through the LED status (on/off), you can know whether the BEC works normally.

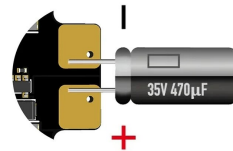
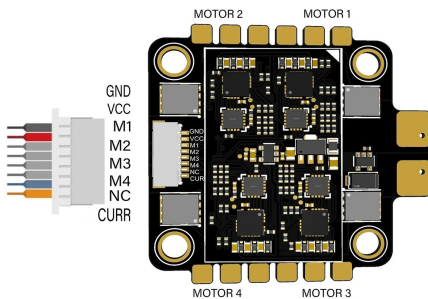
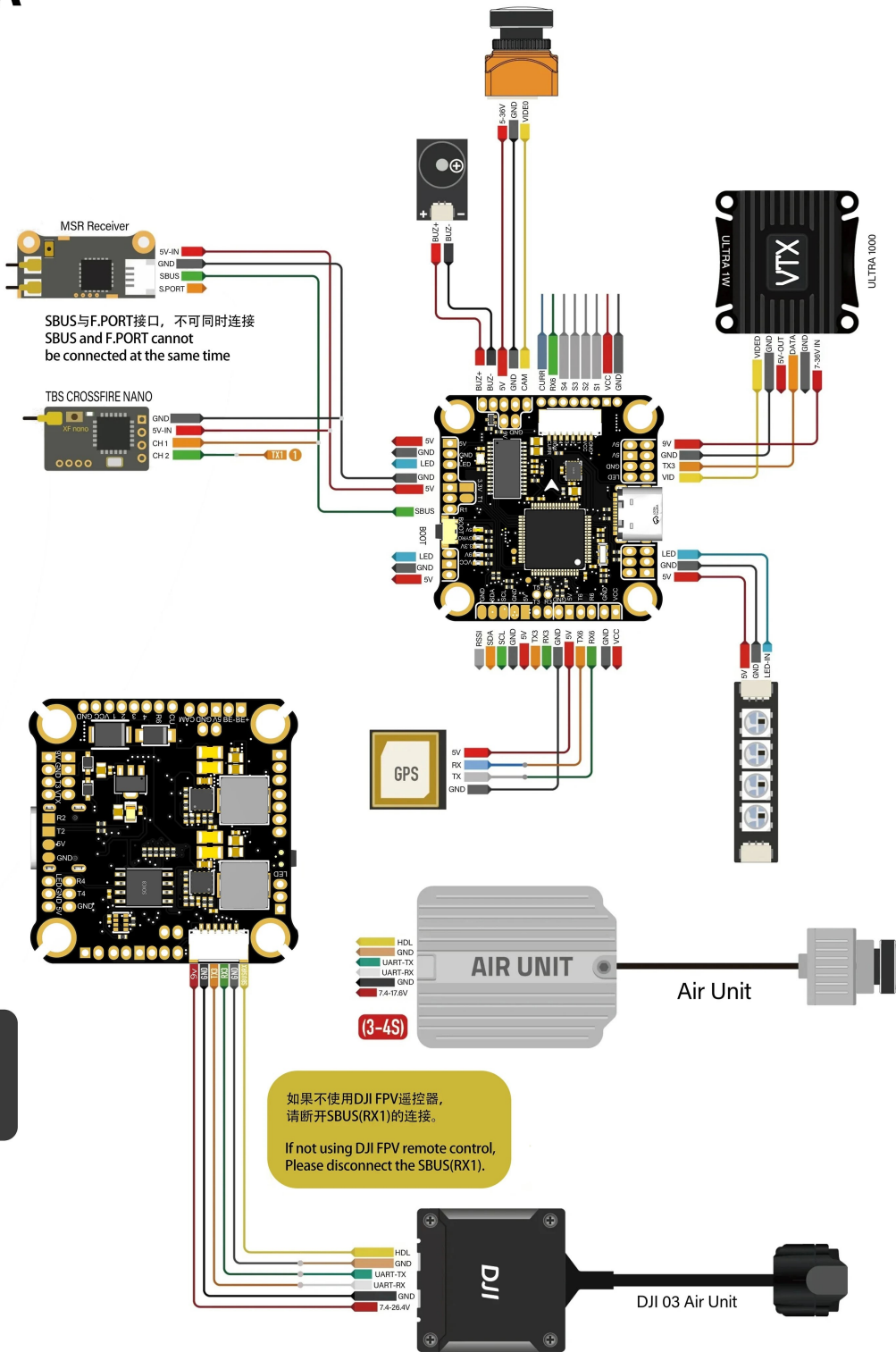
Please follow the flight control sequence.

|  |      |
|--|------|
|  | VCC  |
|  | 9V   |
|  | 3.3V |
|  | GYRO |
|  | 5V   |



### BLHELI-S 3-6S 60A

|                |                 |
|----------------|-----------------|
| CURR           | Yes             |
| Output Current | 60A             |
| Peak Current   | 85A             |
| Input          | 3-6S Lipo       |
| BL             | BL Heli S       |
| Target         | JH15            |
| Protocol       | Dshot 300/600   |
| Mounting       | 30.5x30.5mm, Ø3 |
| Size           | 44.7x43.0mm     |



**Capacitor requested when using 6S battery**

| BLHELI-S 3-6S 60A |       | Amperage Meter |                    |
|-------------------|-------|----------------|--------------------|
| Battery           | 0.00A | 80             | Scale[1/10th mV/A] |
|                   |       | 0              | Offset [mA]        |