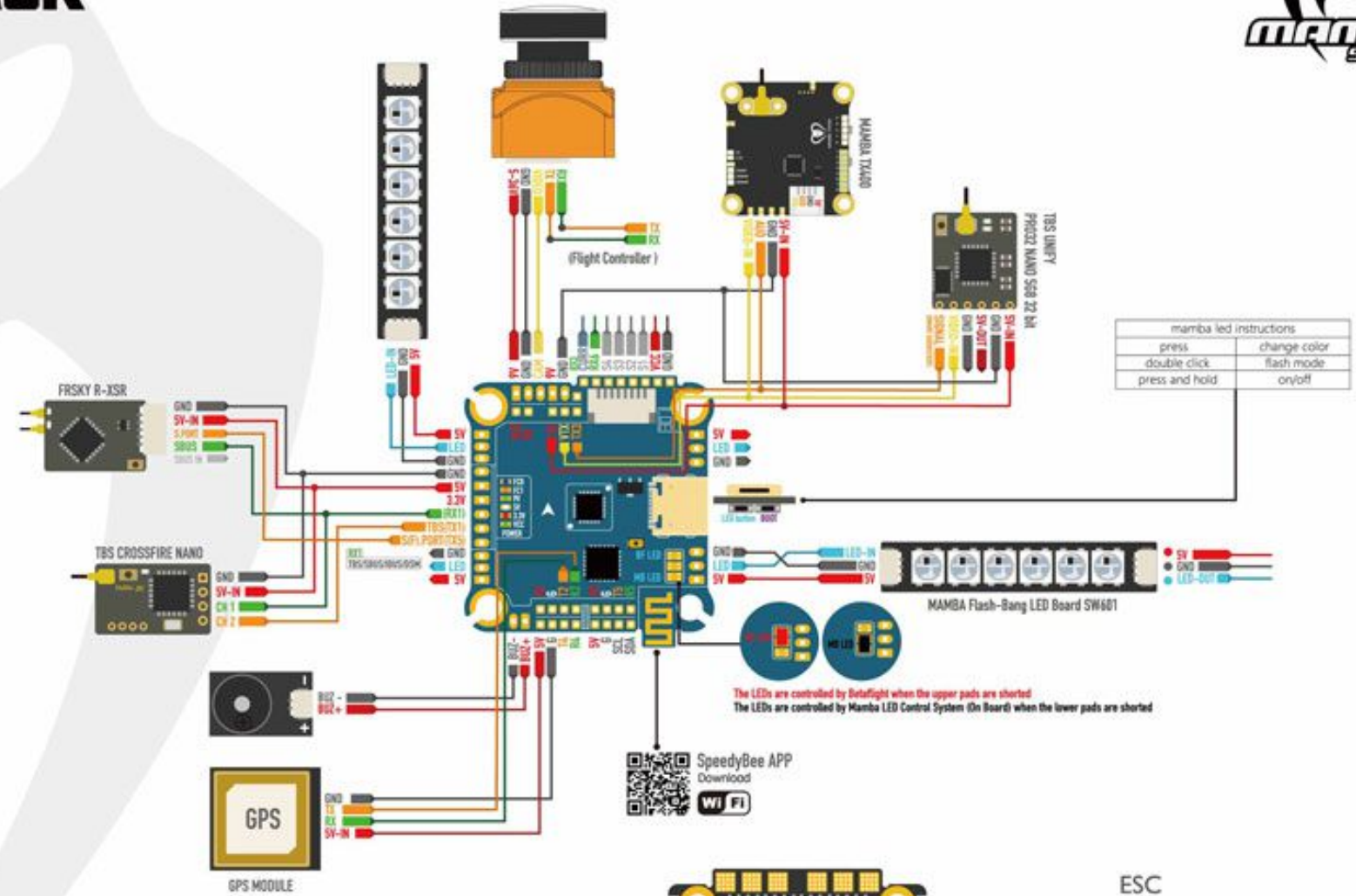
MAMBA STACK

FC :MAMBA F722 APP
ESC:MAMBA F50 PRO

Stack Specifications:

MCU	STM32F722RET6
Frequency	216MHz
IMU	MPU6000
OSD	AT7456E
Blackbox	16M Memory
Uarts	6 Set
Receiver	TBS/SBUS/IBUS/DSM
Buzzer Pad	Yes
CURR Pad	Yes
Motor	4 Set
BEC 3.3V	0.5A
BEC 5V	3A
BEC 9V	3A
MB LED	Yes
BF LED	Yes
WIFI(Speedybee app)	Yes
Input	6S Lipo
TVS Protection	Yes
Soft	Betaflight
Target	MAMBA F722
Mounting	30.5×30.5mm,Ø 3
Size	41×39×7.5mm
Weight	9g



mamba led instructions	
press	change color
double click	flash mode
press and hold	on/off

Web: www.diatone.us

Target: MAMBAF722 I2C

Main firmware	STM32 F7X2
Config file	MAMBAF722 I2C

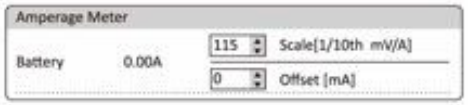
The Default Port:

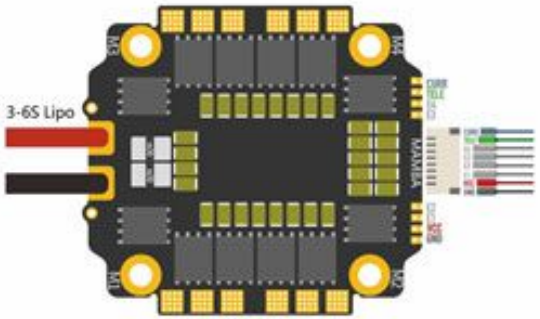
UART 1 Receiver
UART 2 Vacancy
UART 3 VTX/TX
UART 4 WIFI
UART 5 Vacancy/S(F).PORT
UART 6 TELE/RX





⚠ Capacitor requested when using 6S battery





MAMBA F50PRO

ESC

CURR	Yes
Telemetery	Yes
BEC	N/A
Output Current	50A
Peak Current	55A
Input	6S Lipo
BL-HELI-32	
Target	MAMBA F50 PRO
Protocol	Dshot 300/600/1200
Mounting	30.5×30.5mm,Ø 3
Size	45.0×41.0×6.5mm
Weight	15g