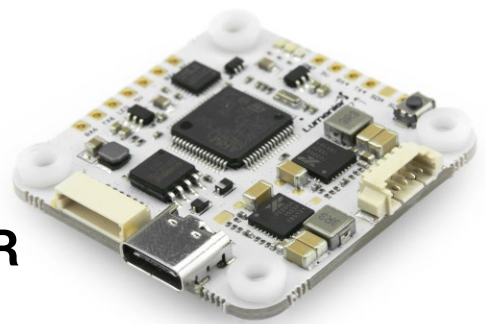




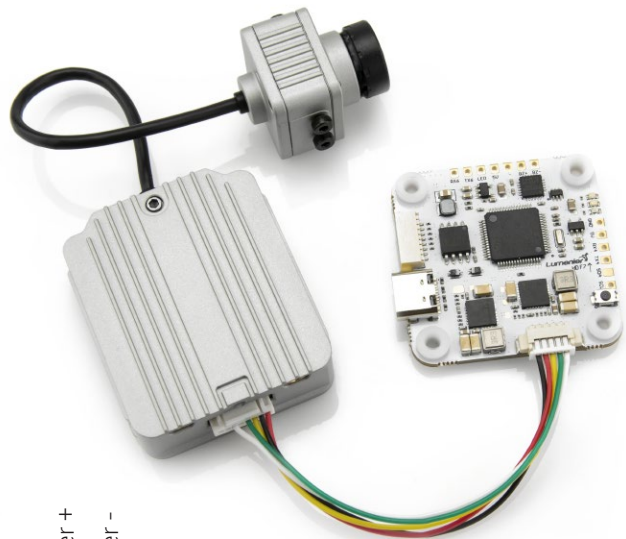
# LUX F7 HD Lite- FLIGHT CONTROLLER



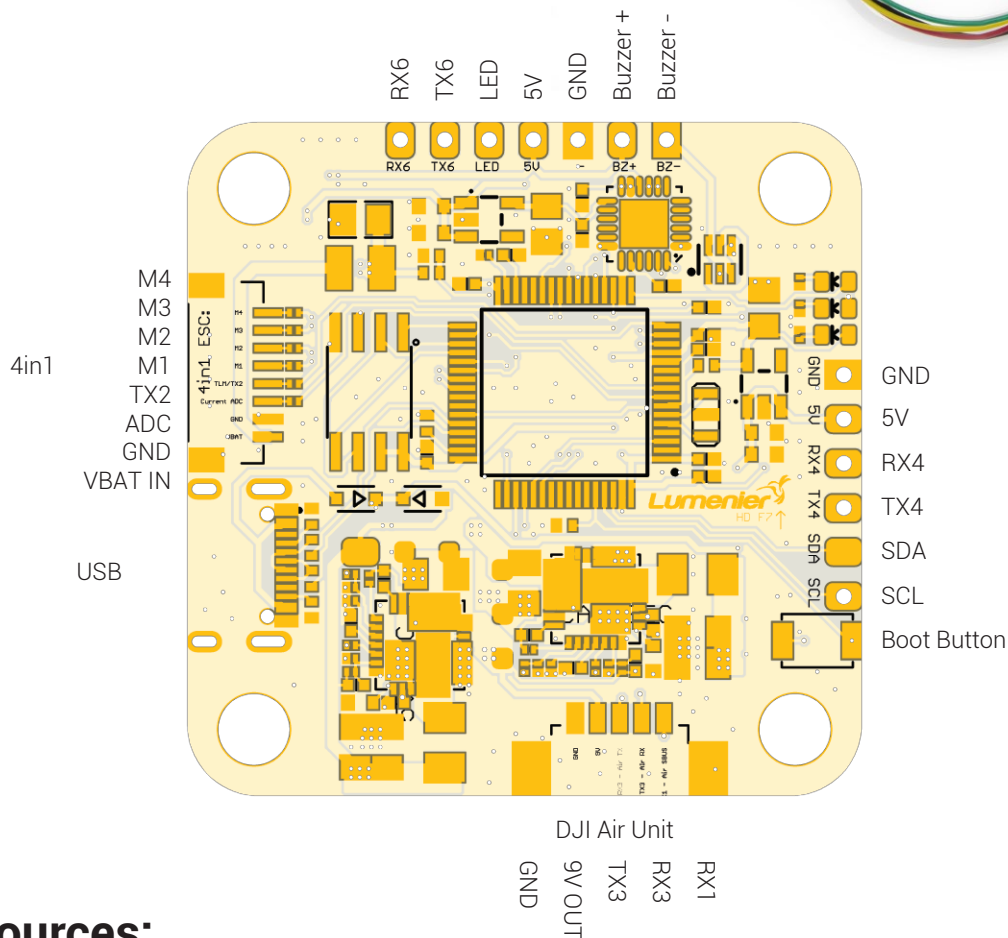
**F722 / 5VBEC / 9VBEC / DJI FC Port / 6x UART**

MCU: 216MHz STM32F722RET6  
 IMU: MPU6000  
 UARTs: 6  
 PWM output: 4  
 I2C: 1

VBAT input: 8-40V, 3-8S Lipo  
 BEC: 5V 3A / 9V 2A (DJI Air Unit)  
 Blackbox: 128Mbit / 16MByte  
 Buzzer Pads  
 BetaFlight Target LUXF7HD



## Layout / Pinmap



## Resources:

Function	Solder Pad Silk screen	Resources	MCU Pin	Notes
SBUS	RX 1	RX 1	PA10	Found on DJI Air Unit Plug (White Wire)
SDA	SDA	I2C1_SDA	PB9	Pull-up needed
SCL	SCL	I2C1_SCL	PB8	Pull-up needed
GPS	RX4/TX4	UART 4	PA0/1	
Buzzer	Bz-/Bz+		PB2	
WS2812B LED	LED		PA15	