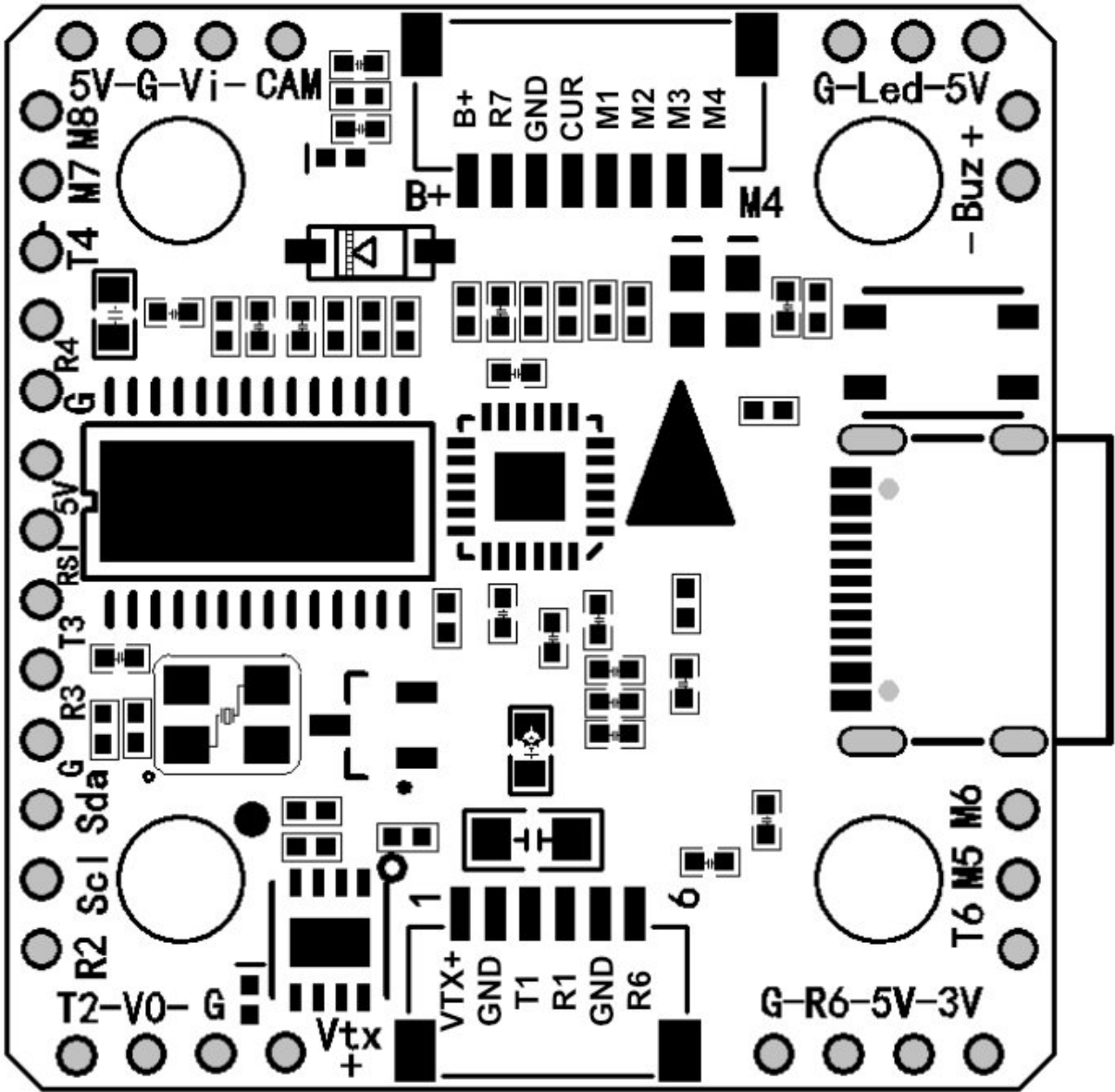


Holybro Docs

Pinout



Pinout

Pin	Function
VTX+	Battery Voltage for VTX, VTX ON/OFF Pit Switch
SDA, SCL	I2C connection (for peripherals)
5v	5v output (1.5A max)
3v3	3.3v output (0.25A max)
Vi	Video input from FPV camera
Vo	Video output to video transmitter
CAM	To camera OSD control
G or GND	Ground
RSI	Analog RSSI (0-3.3v) input from receiver
R2, T2	UART2 RX and TX
R3, T3	UART3 RX and TX
R4, T4	UART4 RX and TX
R6, T6	UART6 RX and TX (UART6 RX is located in the SH plug for use for serial RC)
LED	WS2182 addressable LED signal wire
Buz+/-	Piezo buzzer positive/negative leg
M5,M6,M7,M8	Motor 5,6,7,8 signal outputs

ESC Port

	Function
B+	Battery positive voltage (2S-6S)
R7	UART7 RX
GND	Ground
CURRENT	CURRENT
M1	Motor signal outputs
M2	
M3	
M4	

VTX Port

VTX Port	Function
Vtx+	Battery Voltage for HD System or other VTX, VTX ON/OFF Pit Switch
G	Ground
T1	UART1 TX
R1	UART1 RX
G	Ground
R6	UART6 RX