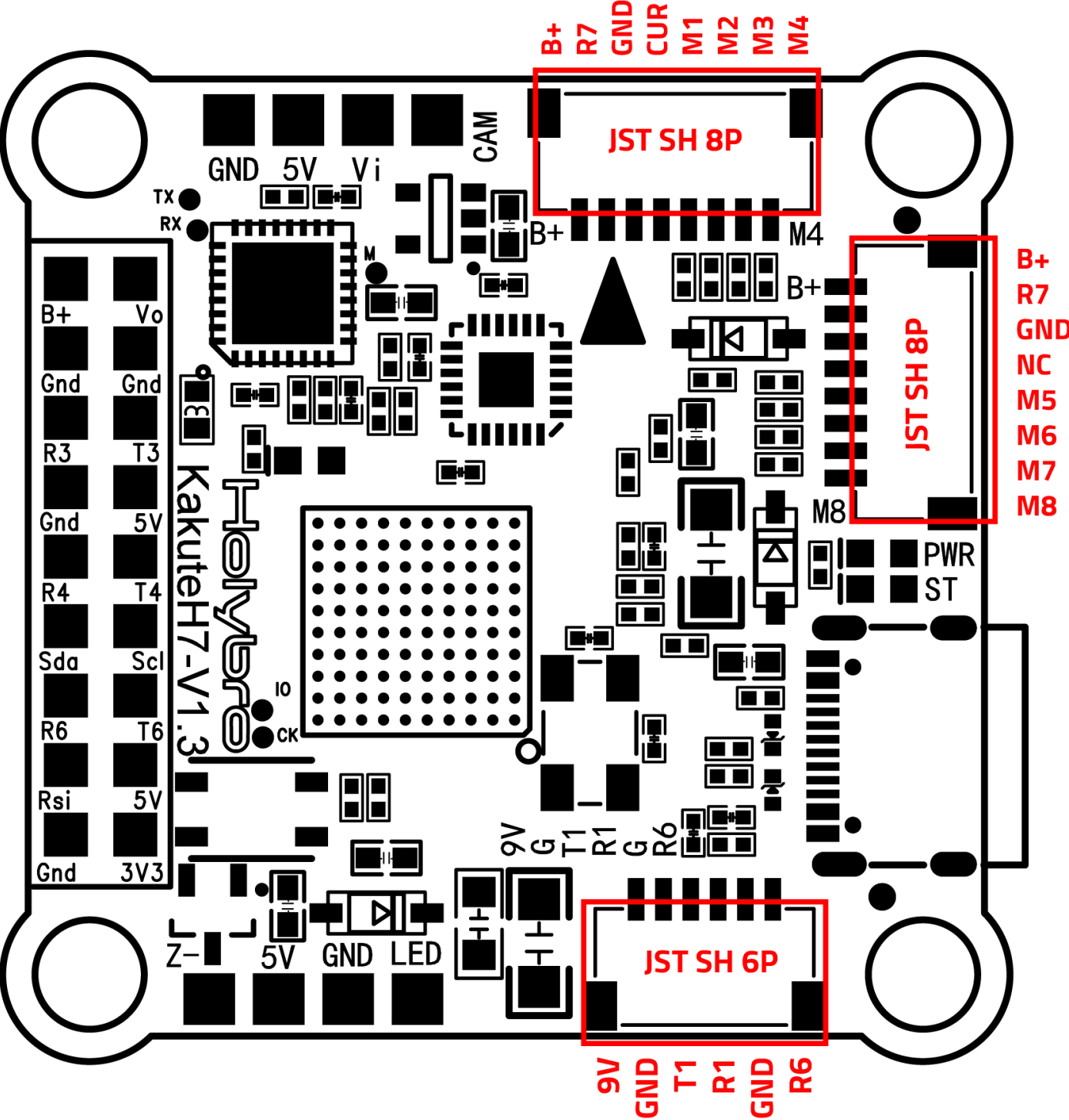


Holybro Docs

Pinout



Pinout

Pin	Function
9V	9V for HD System or other VTX
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
R3, T3	UART3 RX and TX
R4, T4	UART4 RX and TX
R6, T6	UART6 RX and TX (UART6 RX is located in the GH plug)
LED	WS2182 addressable LED signal wire
Z-	Piezo buzzer negative leg

ESC Port 1

	Function
B+	Battery positive voltage (2S-8S)
R7	UART7 RX
GND	Ground
CURRENT	CURRENT
M1	Motor signal output 1
M2	Motor signal output 2
M3	Motor signal output 3
M4	Motor signal output 4

ESC Port 2

	Function
B+	Battery positive voltage (2S-8S)
R7	UART7 RX
GND	Ground
NC	NC
M5	Motor signal output 5
M6	Motor signal output 6
M7	Motor signal output 7
M8	Motor signal output 8

VTX Port

VTX Port	Function
9V	9V for HD System or other VTX
G	Ground
T1	UART1 TX
R1	UART1 RX
G	Ground
R6	UART6 RX