



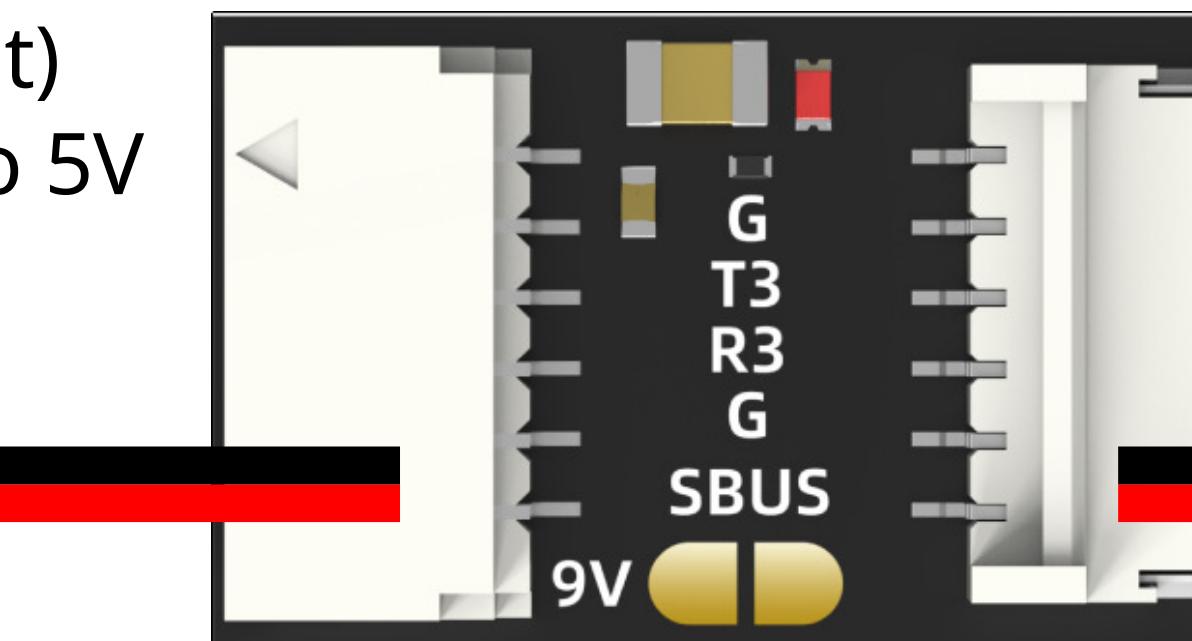
FPV Goggles



Video Transmitter (VTX)



FPV Camera



BEC (Battery Eliminator Circuit)
Reduces BAT (14.8V or 22.2V) to 5V

Universal Asynchronous Receiver/Transmitter

UART1: Administration via WLAN+USB

UART2: Only Rx. No Tx => Simplex

UART3: VTX

UART4: Raspberry Pi

UART5: GPS

UART6: Receiver



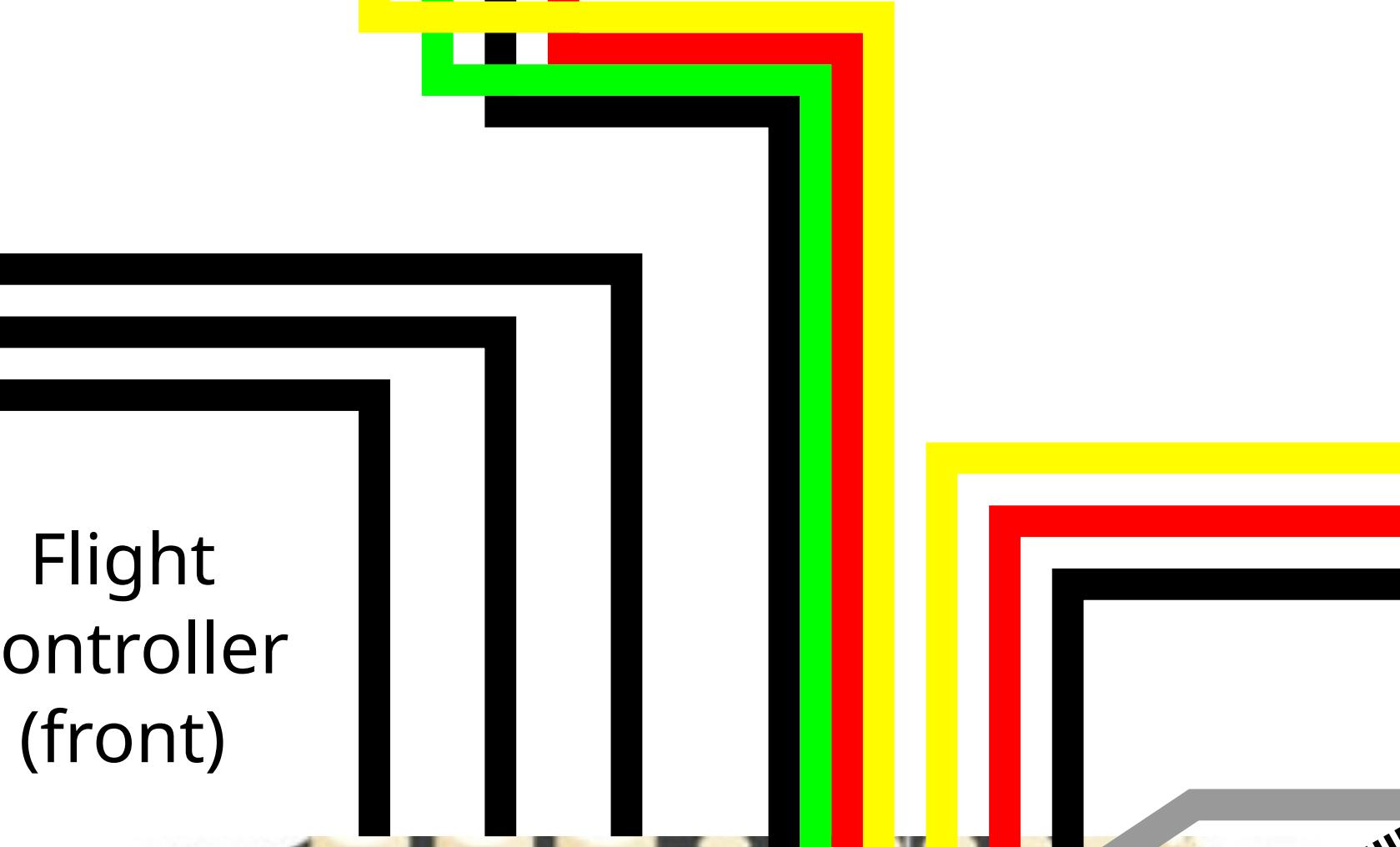
Motor 4



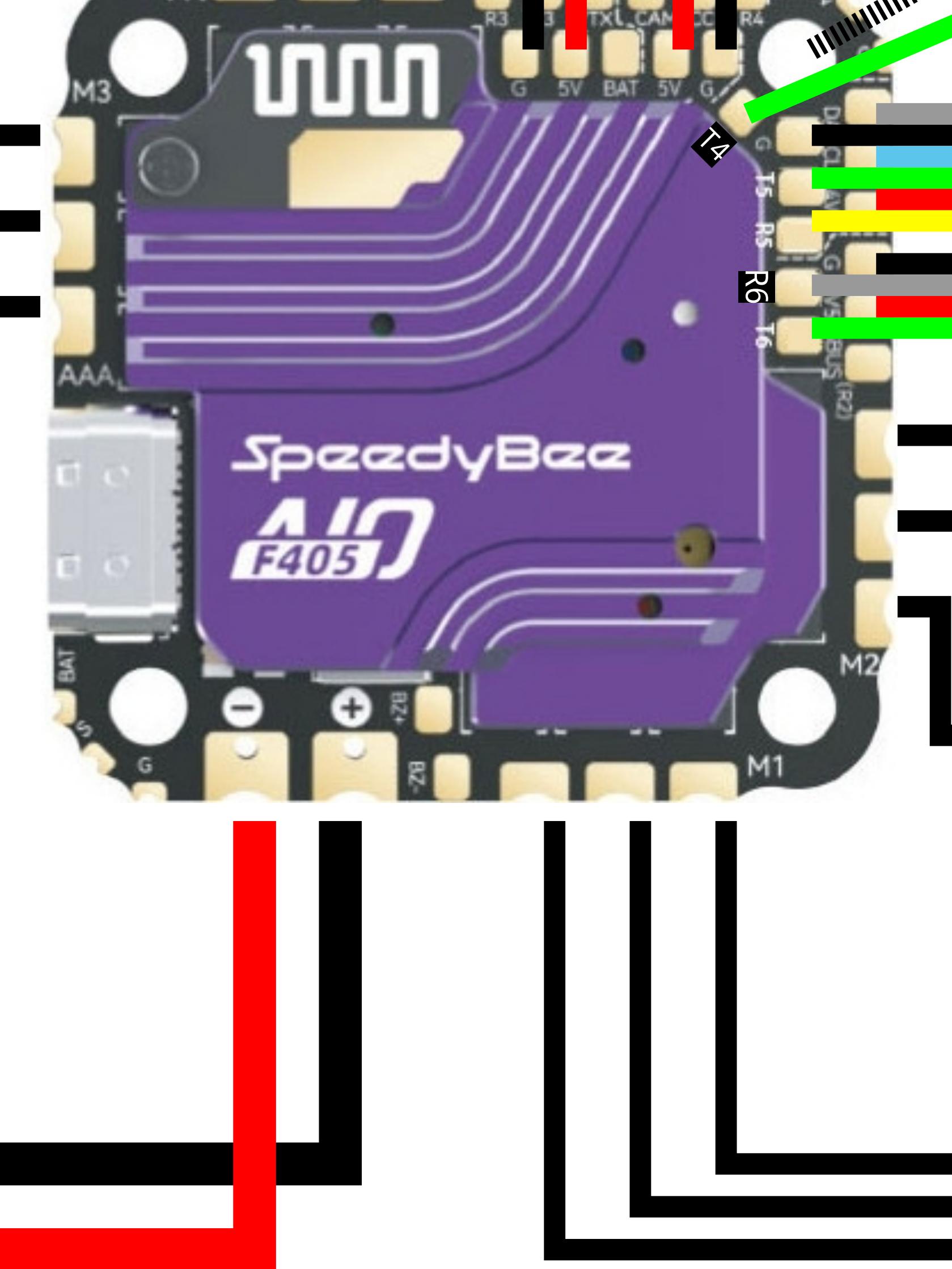
Motor 3



LI-Ion Battery



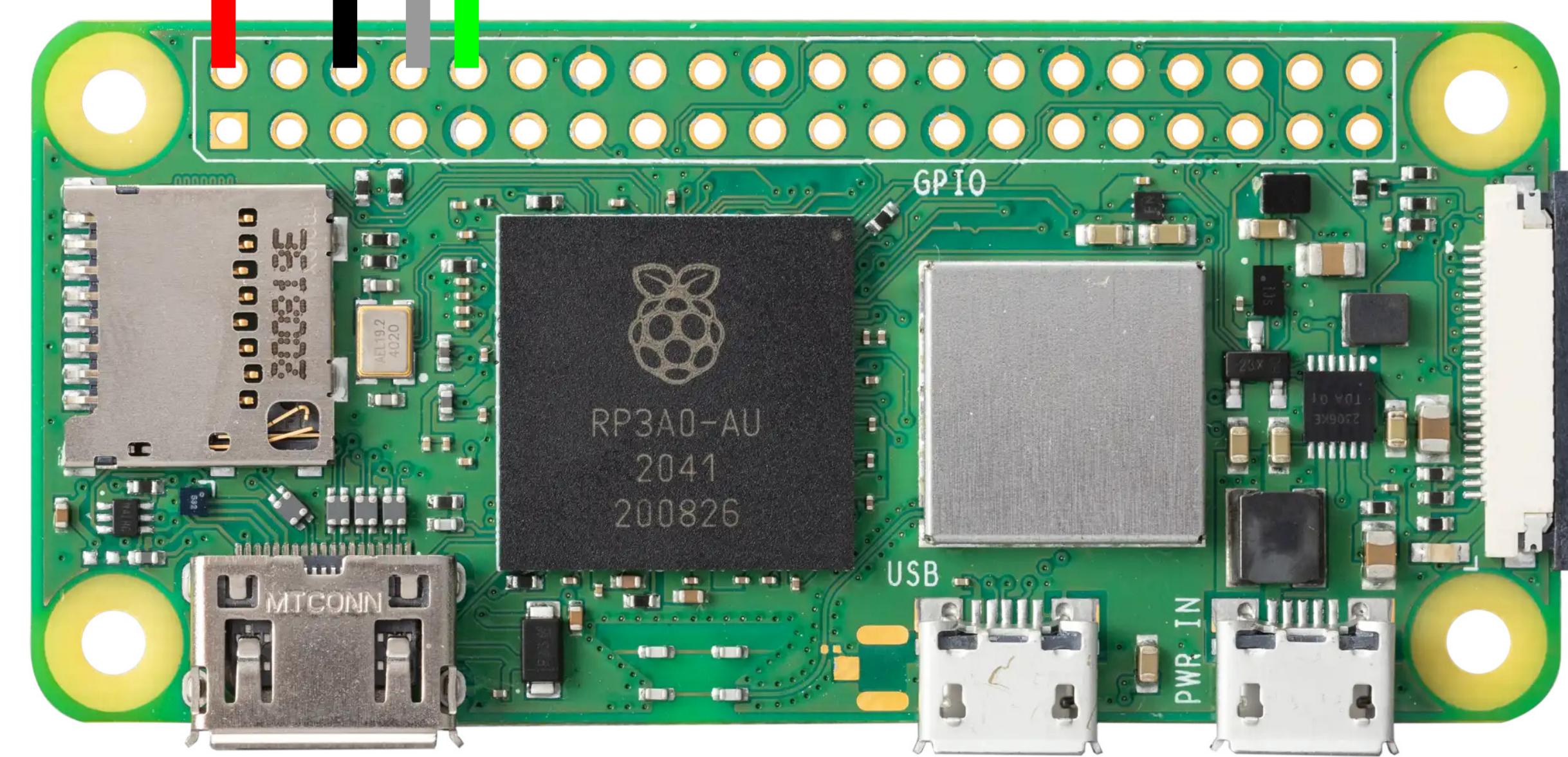
Flight Controller
(front)



Flight Controller
(back)

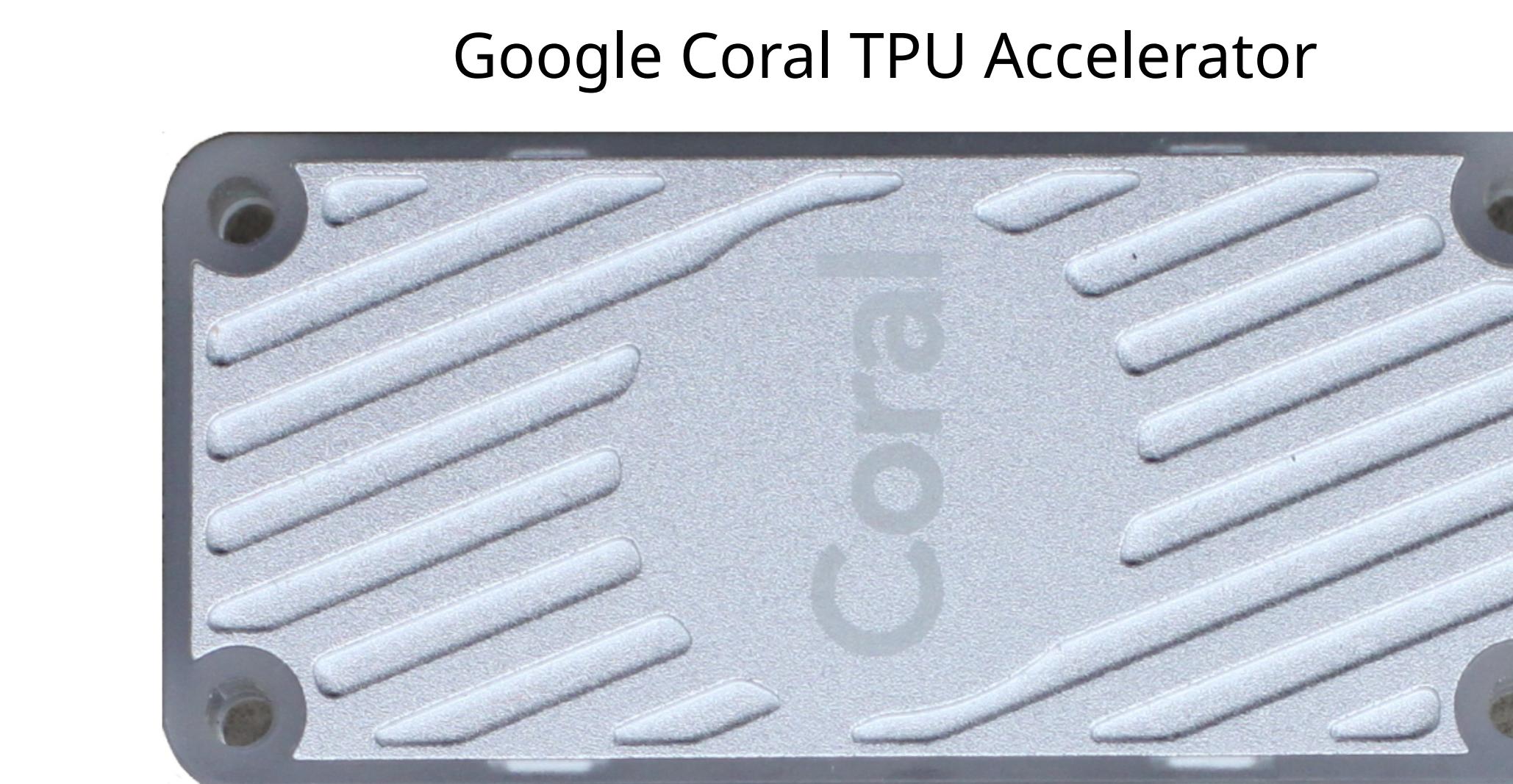


GPS



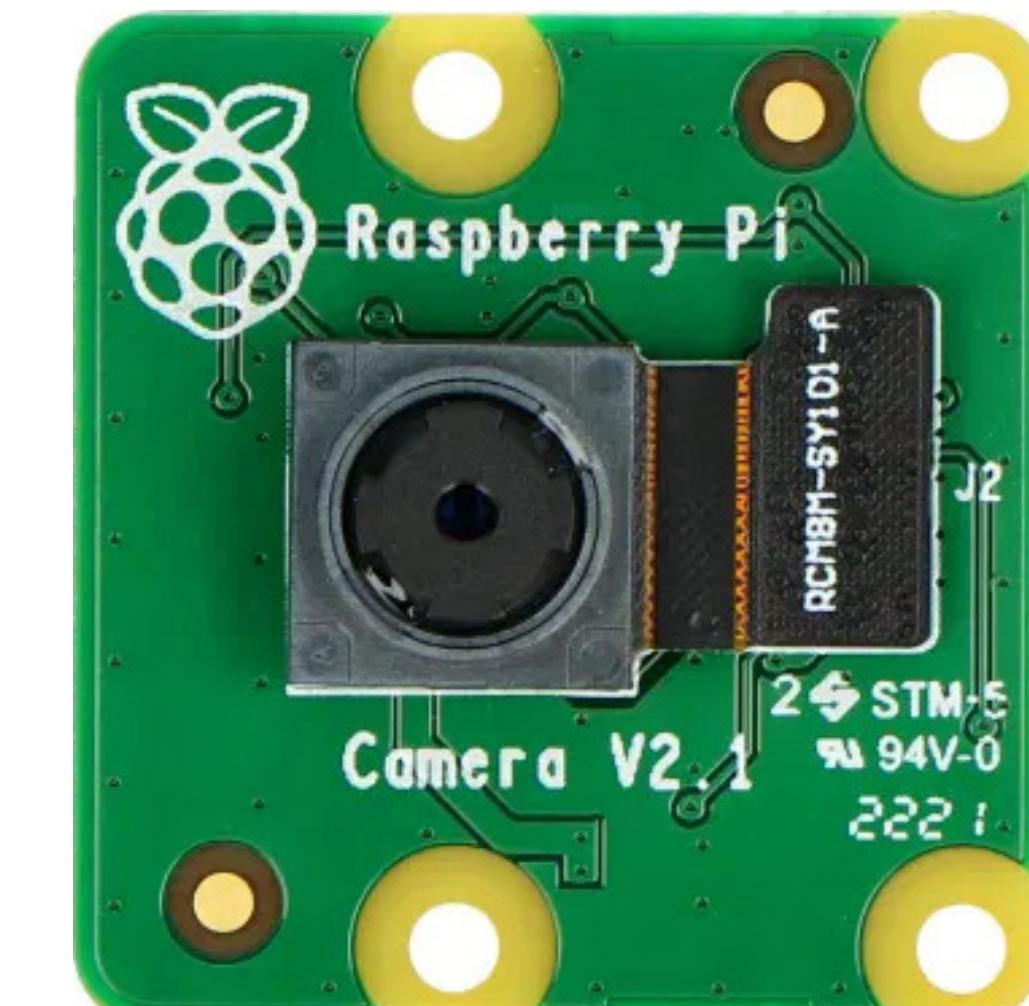
Pin 2: 5V DC
Pin 6: Ground
Pin 8: Tx (UART)
Pin 10: Rx (UART)

Raspberry Pi
Zero 2 W

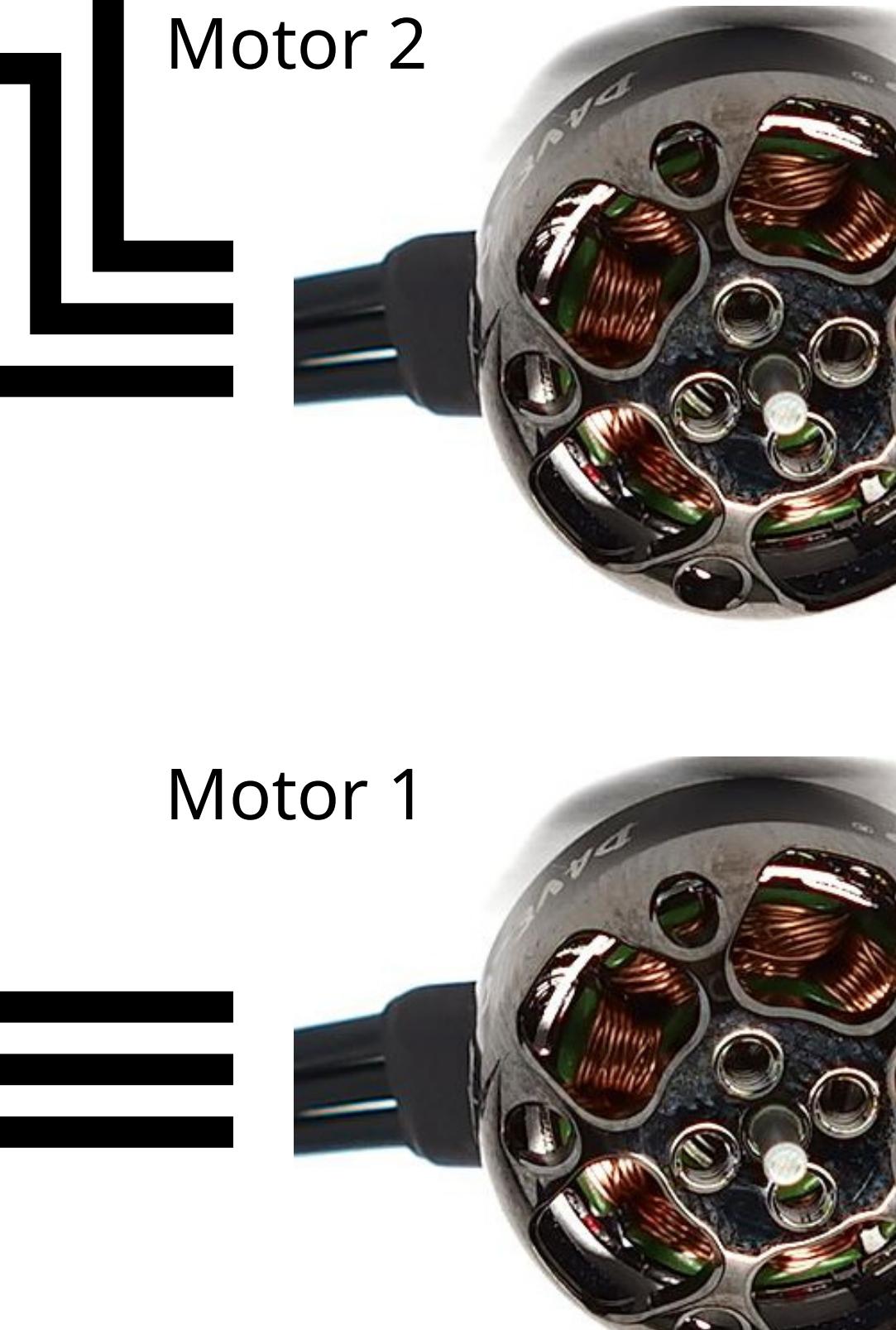


Google Coral TPU Accelerator

Raspberry Pi
Camera Module

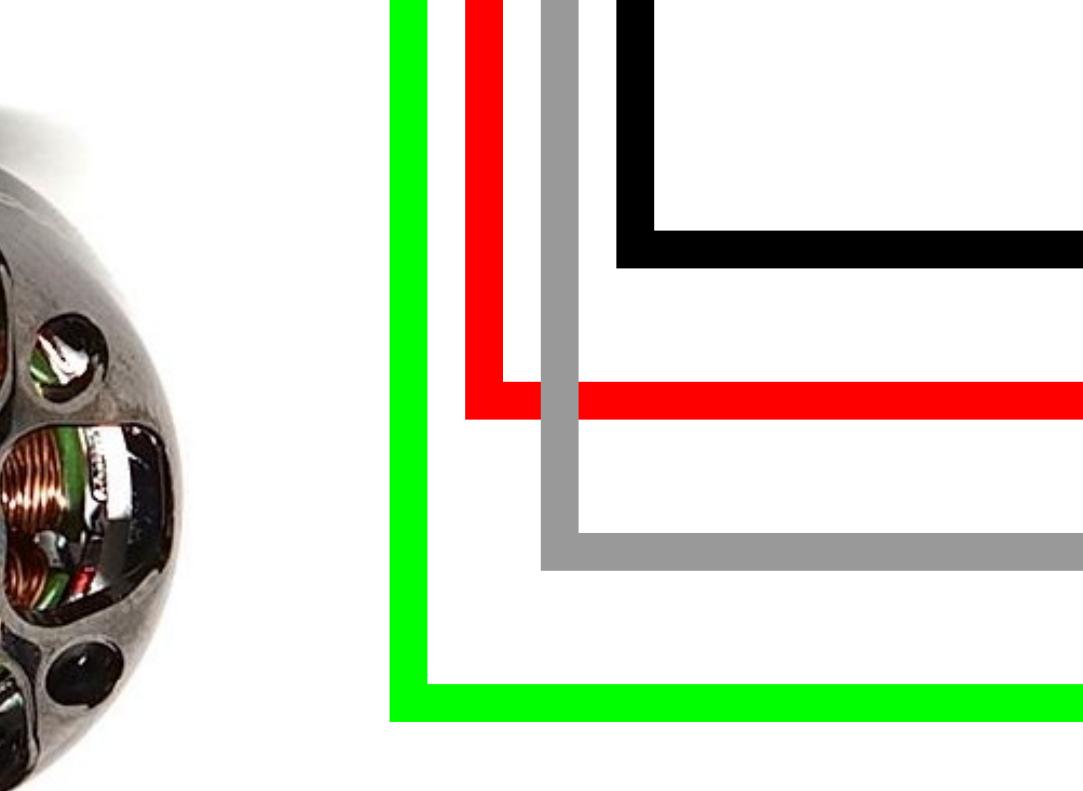


Sender
(Remote
Control)



Motor 2

Motor 1



Receiver

