

[illegible]

Pin connection diagram for the BM08B-GHS-TBT module. The module is shown as a vertical component with pins numbered 1 to 8. Pin 1 is connected to GND. Pin 2 is connected to P1. Pin 3 is connected to TIMEPULSE. Pin 4 is connected to GPS1 TX. Pin 5 is connected to GPS1 RX. Pin 6 is connected to a 0 ohm resistor. Pin 7 is connected to a 0 ohm resistor. Pin 8 is connected to a 0 ohm resistor.

The image contains two pinout diagrams for headers J1 and J2.

J1 Pinout:

- Pin 1: +5V
- Pin 2: DEBUG_RX
- Pin 3: DEBUG_TX
- Pin 4: DEBUG_RTS
- Pin 5: DEBUG_CTS
- Pin 6: GND

Label: BM06B-GHS-TBT

J2 Pinout:

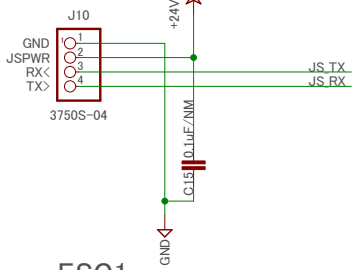
- Pin 1: +3V3
- Pin 2: XRES
- Pin 3: SWD_CLK
- Pin 4: SWD_IO
- Pin 5: GND

Label: HEADER1X5-2.54MM

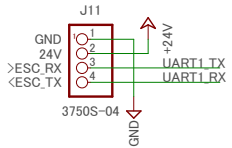
The diagram illustrates the wiring for the BM08B-GHS-TBT module. A 5V supply is connected to a series of resistors (R9-R15) that pull up the A0-A5 inputs to 1kΩ. A 24V supply is connected to the J8 connector, which is also pulled up to 5V by resistors R17-R23 (39kΩ).

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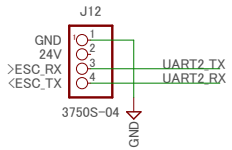
9-axis Sensor



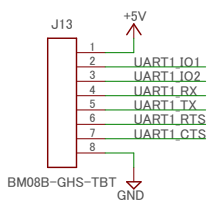
ESC1



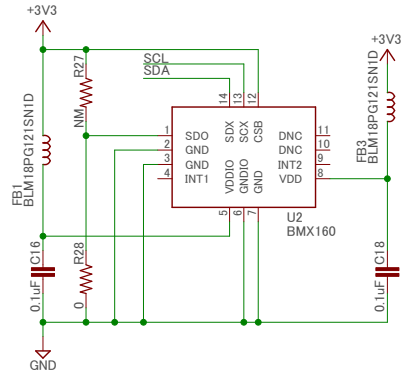
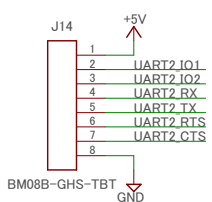
ESC2



UART1



UART2



Humidity
Temperature
Sensor

