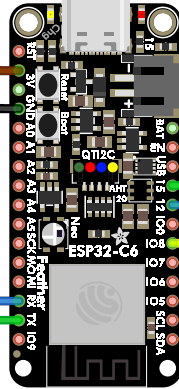


Flash mode: IO0 → GND
(during upload), then
remove + reset

For Schematic Purpose's:
3V ≈ 3.3V
VBAT (+) ≈ 5.0 V
IO8 ≈ GPIO13

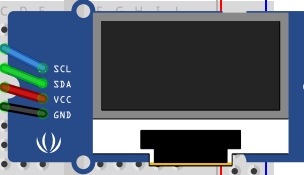
Note: ESP32-CAM is
represented using a generic
ESP32 development board.

ESP32-CAM (Representation)



GPIO15
GPIO14
GPIO13

OLED Display (SSD1306, I²C)

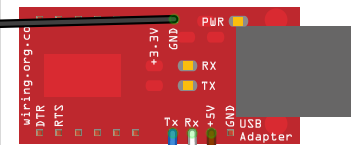


OLED (SSD1306, I²C): VCC 3.3V, GND,
SDA/SCL → ESP32-CAM I²C pins

Button

GND

FTDI USB-to-UART Adapter



5.0 V

UART Cross Note:

ESP32 RX ← FTDI TX

ESP32 TX → FTDI RX