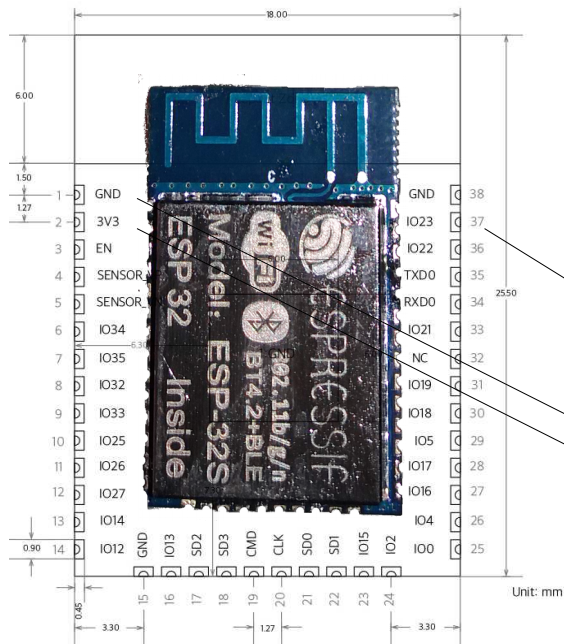
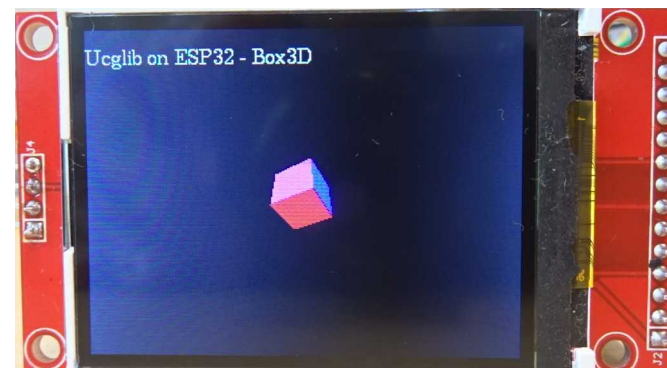




+ **ARDUINO** + ucglib + ILI9341



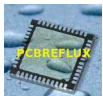
sample configuration



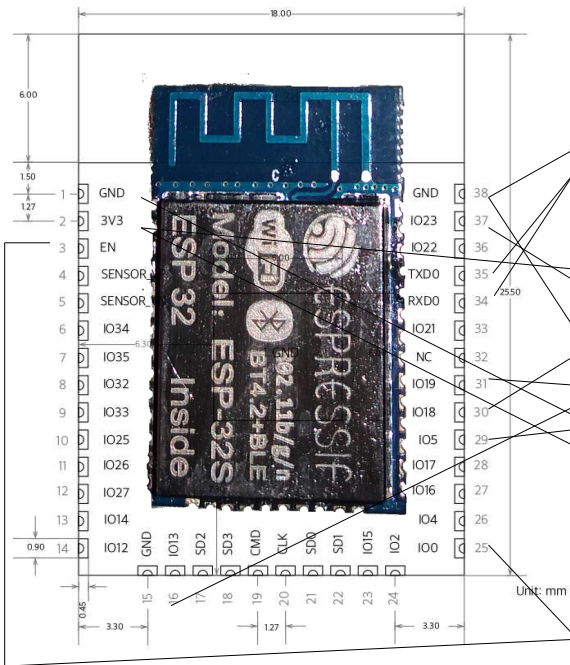
ILI9341

Source: Espressif
ESP32 WROOM Datasheet

pcbreflux



+ ARDUINO + ucglib + ILI9341



Source: Espressif
ESP32 WROOM Datasheet

RX
TX
GND

sample configuration

3V3
IO18
IO23
IO13
IO19
IO5
GND
3V3

LED
SCK
MOSI
D/C
RESET
CS
GND
VCC

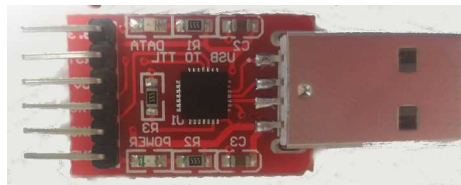
1k Ω (- 10k Ω)

EN
IO0

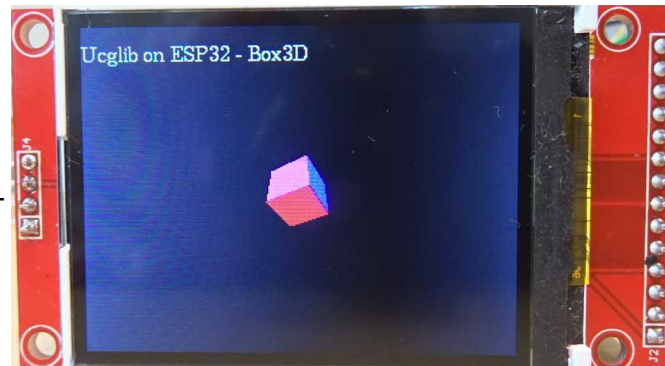
Reset
Flash

GND
GND

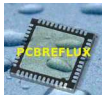
pcbreflux



UART to USB (i.e. CP2102 or FT232R - FTDI)



ILI9341



+ **ARDUINO** + ucglib + ILI9341

```
#if defined(ESP_PLATFORM)
```

```
    u8g_data_port[0] = 0;
    u8g_data_port[1] = 0;
    u8g_data_port[2] = 0;
    u8g_data_port[3] = 0;
    u8g_data_port[4] = 0;
    u8g_data_port[5] = 0;
    u8g_data_port[6] = 0;
    if ( ucg->pin_list[UCG_PIN_D6] != UCG_PIN_VAL_NONE )
    {
        u8g_data_port[6] = 0;
    }

    if ( ucg->pin_list[UCG_PIN_D7] != UCG_PIN_VAL_NONE )
    {
        u8g_data_port[7] = 0;
    }

    u8g_data_port[8] = 0;
```

```
#else
```

```
    ...
```

small ucglib changes

<https://github.com/pcbreflux/espressif/tree/master/esp32/arduino/libraries/Ucglib/src/Ucglib.cpp>

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