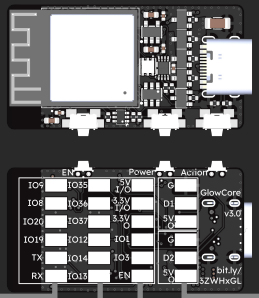
GlowCore
v3.0

Pinout

- recommended for SPI **
- recommended for I2C **
- recommended for I2S **
- can be used for analog input signals
- can be used for touch inputs
- can be used for USB Serial, USB OTG, JTAG
- can be used for UART
- pins remain usable in deep sleep
- outputs 5V data signal



GPIO 9 | SCL | ADC1 | TOUCH 9 | RTC GPIO 9
GPIO 8 | SDA | ADC1 | TOUCH 8 | RTC GPIO 8
GPIO 20 | USB D+ | ADC2 | RTC GPIO 20
GPIO 19 | USB D- | ADC2 | RTC GPIO 19
GPIO 43 | TX
GPIO 44 | RX

GPIO 35 | MOSI
GPIO 36 | SCK
GPIO 37 | MISO
GPIO 12 | WS | ADC2 | TOUCH 12 | RTC GPIO 12
GPIO 14 | SD | ADC2 | TOUCH 14 | RTC GPIO 14
GPIO 13 | SCK | ADC2 | TOUCH 13 | RTC GPIO 13

5V IN/OUT
3.3V IN/OUT
3.3V OUT
GPIO 1 | POWER BUTTON
GPIO 3 | ACTION BUTTON
EN/RESET

GND
GPIO 42 | LED 1 DATA OUT
5V OUT
GND
GPIO 41 | LED 2 DATA OUT
5V OUT

GPIO 1 | POWER BUTTON ***

Press

- Standby Mode *

Press **Press**

- Turn off/on WiFi

GPIO 3 | ACTION BUTTON ***

Press

- Next LED preset

Press **Hold**

- Change brightness

While holding the button, the brightness first decreases and once the minimum is reached, it increases again.

* To turn on again, press the **POWER BUTTON** once.
** Every GPIO pin can be used for: I2C, SPI, I2S
*** Pull to GND, to trigger button (For your code, keep in mind: LOW signal will be inverted to HIGH on GlowCore)

Button presets require GlowOS 0.15 or newer installed on GlowCore.

open source hardware

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