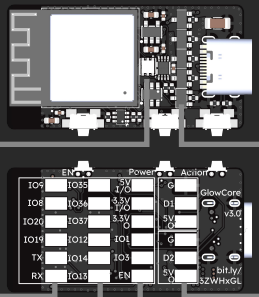
GlowCore
v3.0

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 40 STATUS LED DATA
GPIO 39 STATUS LED CLOCK

GPIO 16 LED POWER MOSFETS
GPIO 15 LED POWER LETCH

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

Download PDF:
bit.ly/3Akjkj8