



# GlowLight/GlowTower v2.0

## Main PCB Pinout

Learn how to connect additional components to your lamp.

[glowlight.glowingkitty.com](http://glowlight.glowingkitty.com)  
[glowtower.glowingkitty.com](http://glowtower.glowingkitty.com)

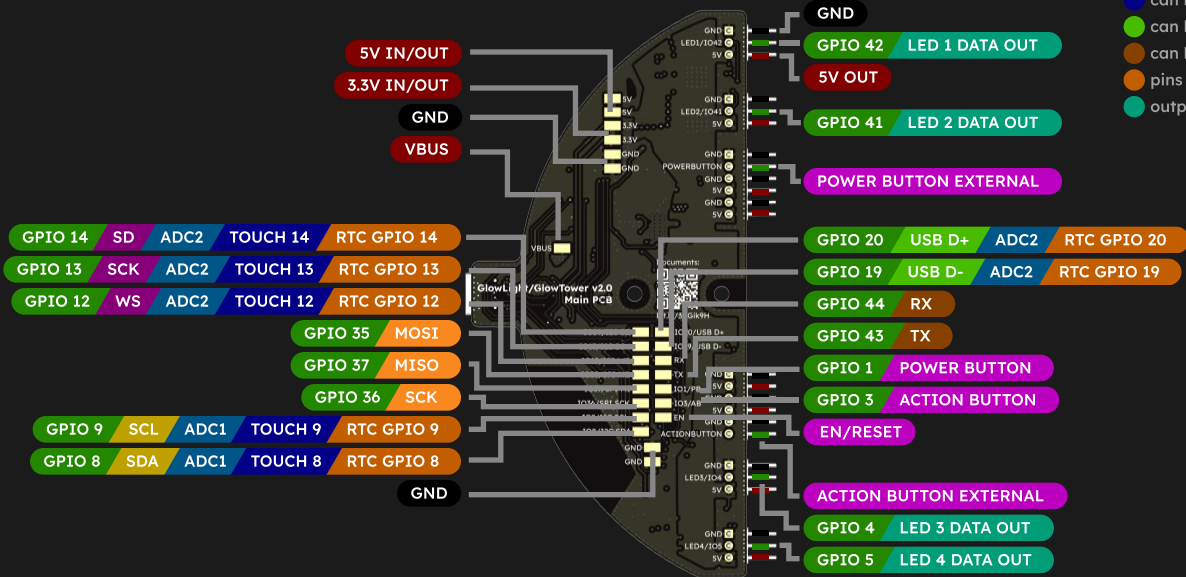


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# Main PCB

v2.0

## 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 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 pcb)

Button presets require GlowOS 0.15 or newer installed on GlowLight/GlowTower Main PCB.

