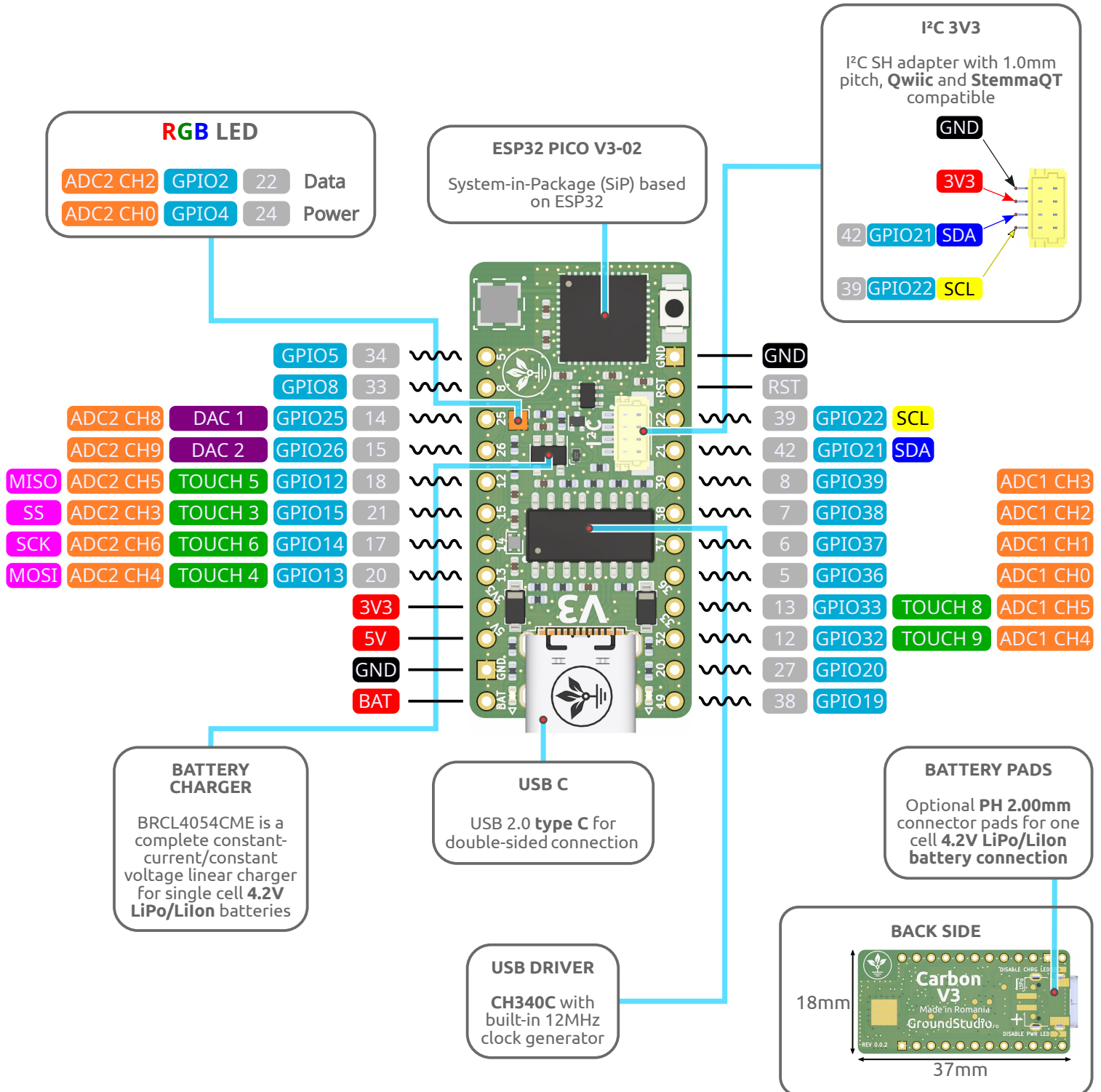


## COLOR DIAGRAM

- Chip Pin Number
- GPIO Number
- Touch Channel
- ADC Channel
- SCL
- SDA
- SPI
- DAC
- Ground
- Power
- ⚡ PWM Enabled Pin

# GroundStudio Carbon V3

Features ESP32 based **Pico V3-02** with 2.4 GHz WiFi, V4.2 Bluetooth, 8MB SPI Flash, 2MB SPI PSRAM, 520kB internal SRAM, 448kB ROM, 18 GPIO, 12 ADC and 6 touch sensitive pins, I<sup>2</sup>C 3V3 adapter, RGB smart LED, 1 cell LiPo/Lilon battery charger with optional battery connector



GroundStudio.ro

Board: "GroundStudio Carbon V3" CYQGWW\_GS REV0.0.3

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Pinout REV: 1