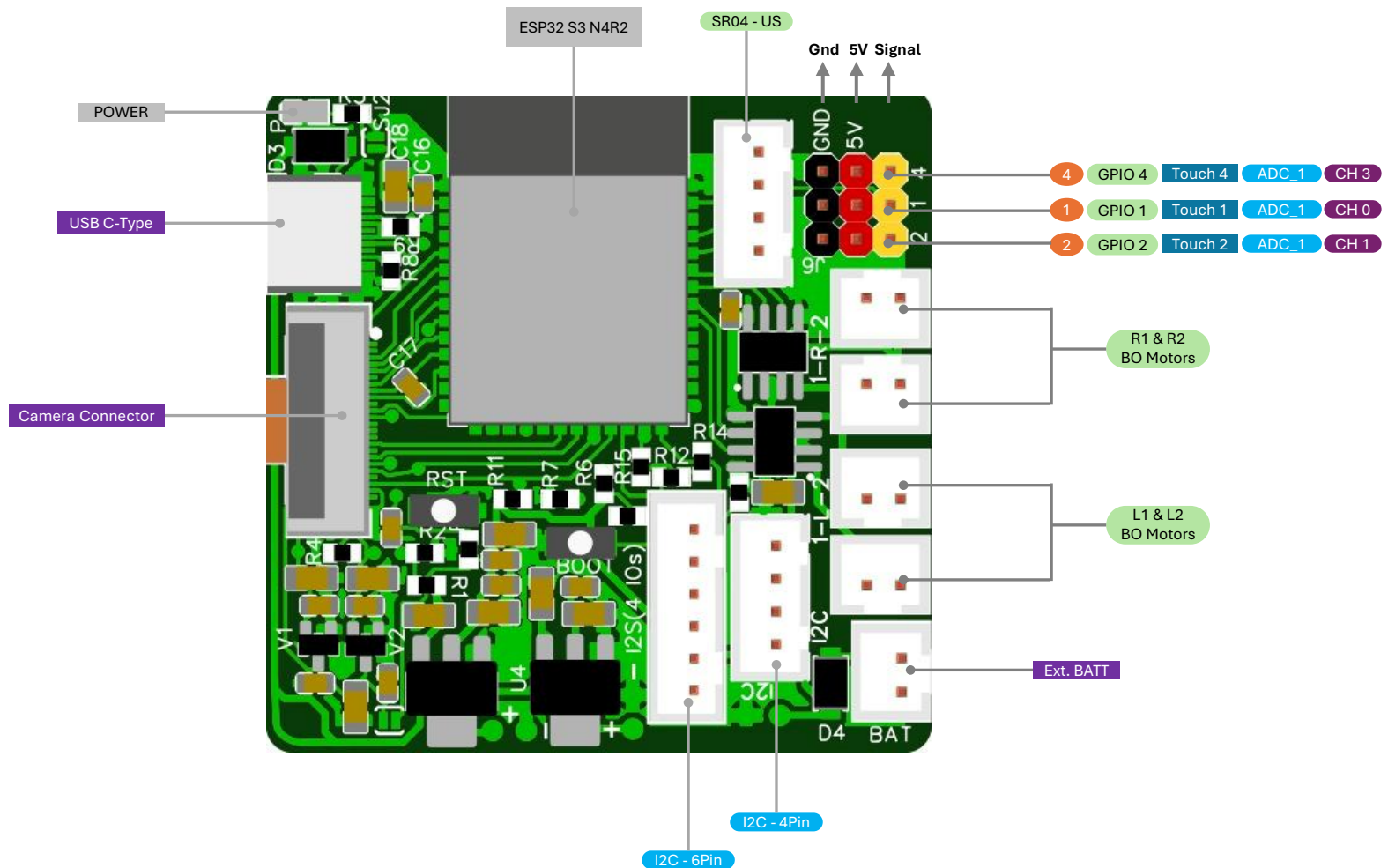




ESP32 S3 N4 R2 SOC

SD card socket for card - 1-Bit Mode

OLED Display: 4-pin Female to plug - I2C

Camera:

In-build, OV2640 2MP Camera

SR04-US Pins: Vcc, 44-Digital IO/I2C, 43-Digital IO/I2C, Gnd

L1 & L2 Pins: 39, 40

R1 & R2 Pins: 41, 42

Wi-Fi: 2.4 GHz, IEEE 802.11b/g/n, Bluetooth: BLE 5 LE and Bluetooth® mesh

I2C Pins (4-pin): Gnd, Vcc, 21-SDA, 14-SCL

I2C Pins (6-pin): Gnd, Vcc, 46-LRCK, 45-BLCK, 47-Din & Microphone IN, 0 - Dout for Speakers

DC JACK - 7 to 9V DC, 1A
Ext. BATT - 2 PIN JST MALE - Use Li-ion, 2-Cell, 7.4V, 2 pin only.

USB C-type: For Power and Programming

* Please use the battery supplied by AITinkr.
* No Battery charging option

Schoolfor
AITINKR

AIOT GMAC

**ESP S3 Development
Board for Robots**

SKU Code: C00034
Update: 21 May 2024

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Pinout Diagram (Top)

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