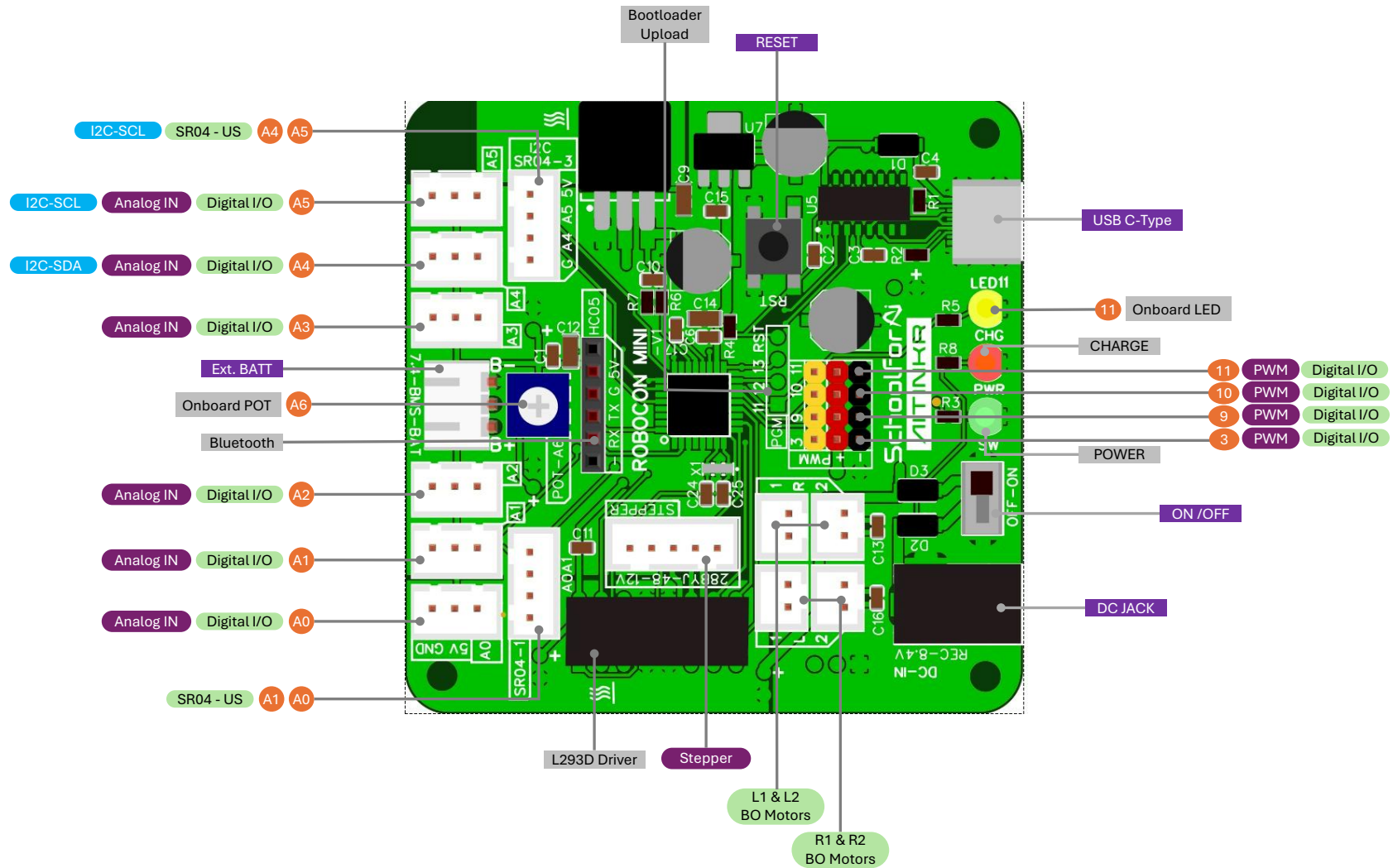




ATMEGA 328 - 8-Bit Microcontroller

PWM (4 off) - Servos / GPIO

Stepper Motor: 12 V DC

3-pin JST for GPIOs - Gnd, 5V, Signal

Onboard Potentiometer :

A6 - To generate a variable signal (E.g.: Servo control or Brightness change)

A7 - Battery Voltage Reader (Output). Internal connection.

Onboard LED - Pin 11, Gen. Purpose & Programmable

SR04-US (2 off):

A0 & A1 pins and A4 & A5 pins are used in sharing mode. Do not use A0 & A1 or A4 & A5 3-pin JSTs while using the US Sensors

Bluetooth:

Could use both HM10 / HC-05 (Tx to pin 2, Rx to pin 4)

Bootloader Upload: Pins 11, 12, 13, RST

DC JACK - 7 to 12V DC, 1 to 2 A
Ext. BATT - 3 PIN JST MALE - Use Li-ion 2 Cell, 7.4V, 3 pin only.

While using 7.4V batter use an 8.4V to 9V DC Adapter for charging

USB C-type: For Power and Programming

* Please use the battery supplied by AiTinker.

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ROBOCON MINI
GP Development Board

SKU Code: C00033
Update: 12 Jun 2024

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Pinout Diagram

Documentation:
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