

Setting up Bluetooth Module with AT commands

BT MODULE ARDUINO BOARD when setting AT commands

RX-----10
TX-----11
KEY/ENABLE/WAKUP-----9
VCC-----5V
GND-----GND

Code is attached in File for setting Bluetooth to AT commands

Useful AT commands:

After it if you send AT to module then module will respond with OK

AT → Test Command

AT+NAME=xyz → Set Bluetooth Name

AT+PSWD=xyz → Set Password

AT+UART=<value1> → set Baud rate

Eg. AT+UART=9600

Connections when using in project after setting AT commands

Arduino Pins Bluetooth Pins

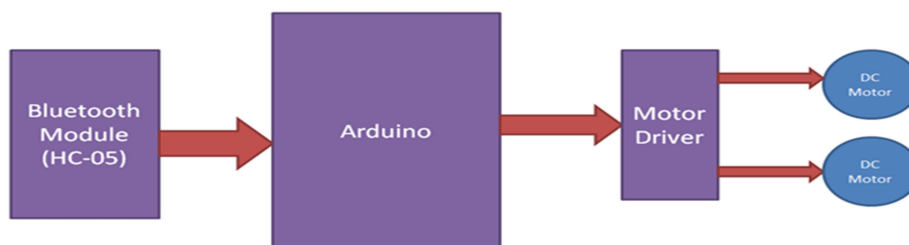
RX (Pin 0) → TX

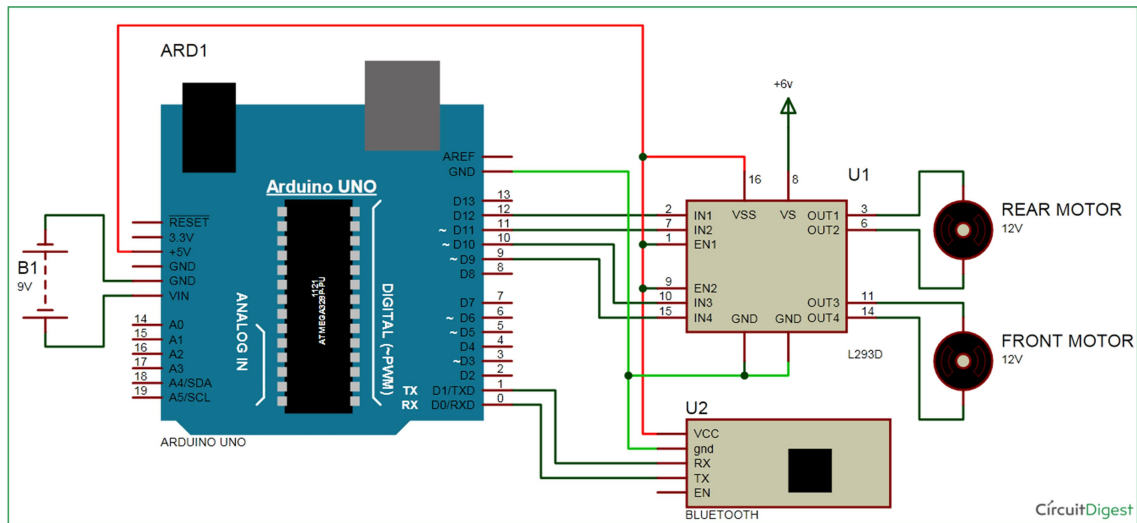
TX (Pin 1) → RX

5V → VCC

GND → GND

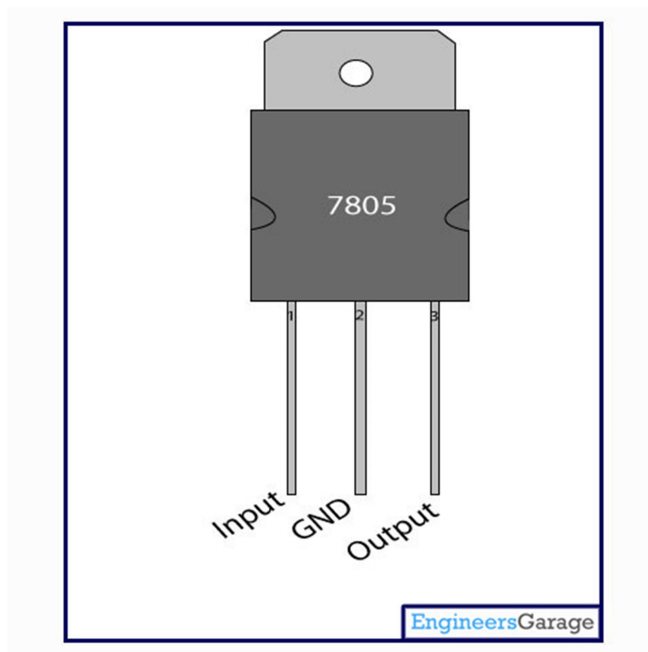
Cleaning Bots Connections:





Changes:

- 1) Use voltage Division using 7805 and power Vin with 5v
- 2) Vs-pin 8 of L293d is 12V



Note: Use 12V as Input pin , it will give 5V output use this to power Vin

