

Hardware components

- Chassis
- BO motor
- Wheels
- Infrared Sensors (e.g., TCRT5000L)
- Microcontroller (e.g., Arduino, ESP 32)
- L298N dual h bridge Motor driver
- Batteries (Nippo batteries 9v)

Data Sheets

- IR Sensor TCRT5000L :
<https://www.vishay.com/docs/83760/tcrt5000.pdf>
- L298N dual h bridge Motor Driver:
https://www.sparkfun.com/datasheets/Robotics/L298_H_Bridge.pdf
<https://www.st.com/resource/en/datasheet/l298.pdf>
- BO Motor:
https://robu.in/product/bo-series-1-dc-motor-all-rpm/#tab-product_download_66939_tab
- ESP32:
https://cdn.sparkfun.com/datasheets/loT/esp32_datasheet_en.pdf
- N20 Micro Metal gear box DC motor:
https://robu.in/product/n20-6v-30-rpm-micro-metal-gear-box-dc-motor/?gad_source=1&gclid=CjwKCAiAhJWsBhAaEiwAmrNyq0V3hdNe3gAFFyz4rX0GpPyjSHxJIHczuo9A81aDqlNn03paXASx6RoCy88QAvD_BwE