List of Parts

- MCU
  - ○ Arduino Nano V3 (USB-C)
- Sensors
  - ○ GY-521 MPU-6050 3-Axis Gyroscope and Acceleration Sensor
  - ○ US-020 Ultrasonic Distance Sensor
- Power
  - ○ NCR18650GA Battery
  - ○ Battery Holder
  - ○ 2xDC-DC Boost-Converter Step Up
  - ○ Power Switch
- Motor, Driver, Wheels
  - ○ DRV8833 Dual Motor Driver
  - ○ 2xMicro DC Motor (N20, 6V, 200rpm) including Bracket
  - ○ 2xRubber Wheel (43x19x3mm)
- Other
  - ○ 3xDouble Side Prototype PCB (40x60mm)
  - ○ 8xNylon Spacers (25cm) and 4 Nuts
  - ○ Electrolytic Capacitor (10uF)
  - ○ PCB JST Connectors
  - ○ Jumper Cables