COMPONENTS:

| **COMPONENT** | **REASON** | **LINK** | **DATASHEETS** |
| --- | --- | --- | --- |
| N20 Gear Motors | Wheels for motor | https://shorturl.at/xfgjW | <https://shorturl.at/QoJQg>  <https://www.handsontec.com/dataspecs/GA12-N20.pdf> |
| L298N Dual Channel Motor Driver | Motor Driver for everything | https://shorturl.at/mPgyJ | https://www.st.com/resource/en/datasheet/l298.pdf |
| Mecanum Wheels | Wheels | https://shorturl.at/FXVYd |  |
| RS380 DC Motor | Vertical Spinners | https://www.amazon.com/Torque-RS-380-16000RPM-Carbon-Electric/dp/B0B49RSSVZ | https://www.handsontec.com/dataspecs/motor\_fan/380-Motor.pdf |
| ESP 32 version 1 | Microcontroller2 | https://www.digikey.com/en/products/detail/espressif-systems/ESP32-DEVKITC-32E/12091810 | https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32\_datasheet\_en.pdf |
| ESP 32 version 2 | Microcontroller | https://www.amazon.com/Espressif-ESP32-WROOM-32E-Module-Antenna-ESP-32E/dp/B09BRK6DQQ?tag=namespacebran492-20&th=1 |  |
| Servo Motor | Flipper Arm | https://shorturl.at/yqWJ5 | https://shorturl.at/qM47s |
| Voltage boosters |  | https://shorturl.at/iPDwW | https://shorturl.at/GPqRc |
| Step Down Voltage Convertor |  | <https://shorturl.at/X1UQO> | <https://shorturl.at/QMk8K>  https://shorturl.at/hta60 |