**GROVE2**

**Power supply**

|  |  |
| --- | --- |
| **ESP32 pin** | **L298N driver brd** |
| VIN | 5V |
| GND | GND |

**Power supply connector: 2 pin male berg strip with +/- marking**

**Motor drive**

|  |  |
| --- | --- |
| **ESP32 pin** | **L298N driver pin** |
| GPIO14 | IN1 |
| GPIO27 | IN2 |
| GPIO26 | IN3 |
| GPIO25 | IN4 |

**Motor drive connector : 4pin male berg strip with no housing**

**Ultrasonic sensor**

|  |  |
| --- | --- |
| **ESP32 pin** | **Ultrasonic** |
| VIN | VCC |
| GPIO12 | Trig |
| GPIO13 | Echo |
| GND | GND |

**Ultrasonic connector: 4 pin pale berg strip with VCC marking**

**IR sensor pins (Left)**

|  |  |
| --- | --- |
| **ESP32 pin** | **IR sensor pins** |
| VIN | VCC |
| GND | GND |
| GPIO16 | OUT |

**IR sensor connector: 3 pin male with VCC marking**

**IR sensor pins (Right)**

|  |  |
| --- | --- |
| **ESP32 pin** | **IR sensor pins** |
| VIN | VCC |
| GND | GND |
| GPIO17 | OUT |