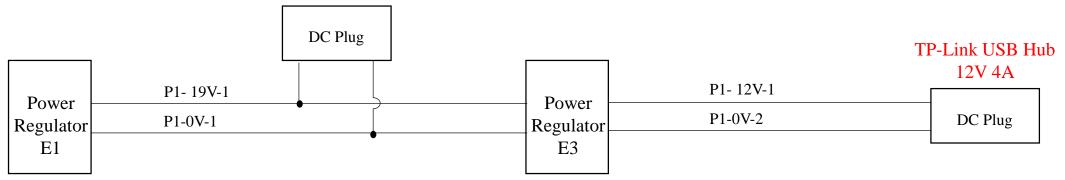
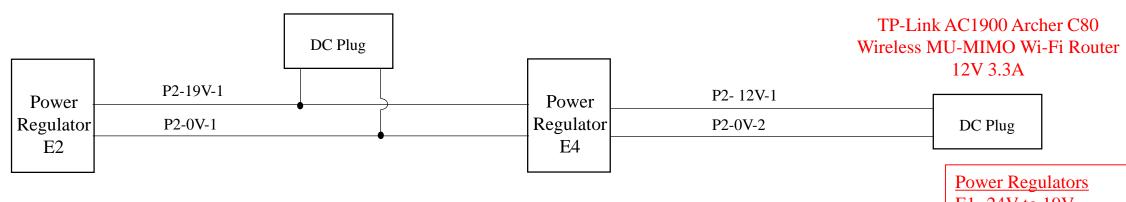


Intel NUC 10 19V 120W 5.5mm (outer) 2.5 mm (inner) Male barrel plug



NVIDIA Jetson Xavier NX Dev Kit 9-20V (10-15W) 5.5mm (outer) 2.5 mm (inner) Male barrel plug

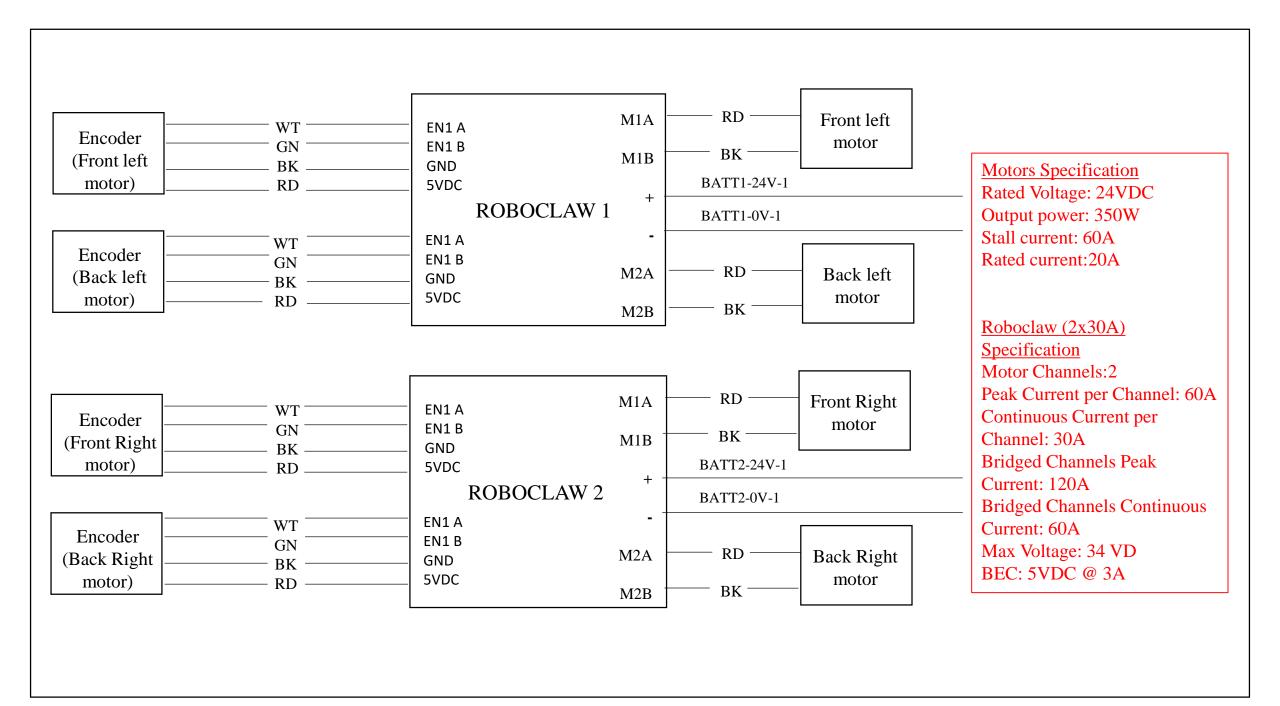


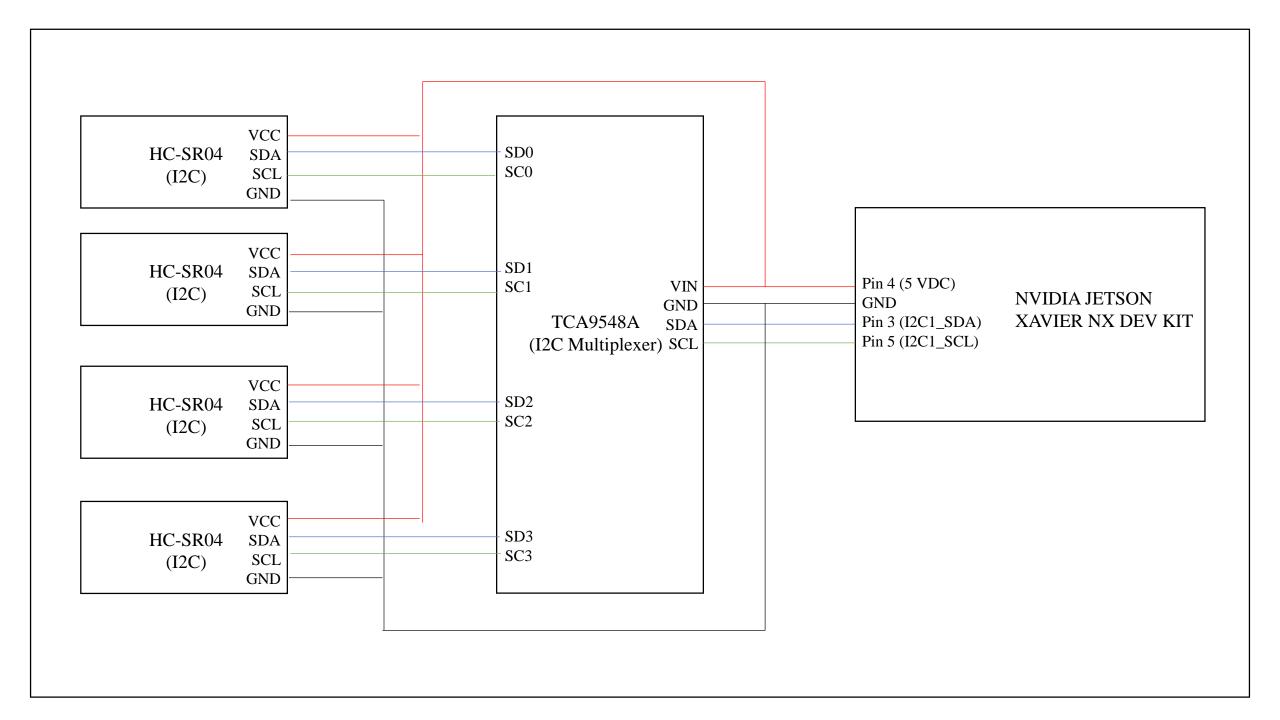
E1- 24V to 19V

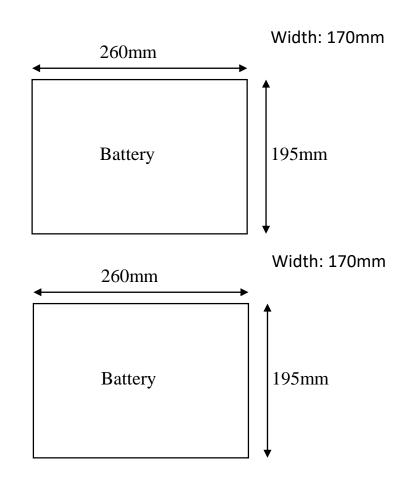
E2- 24V to 19V

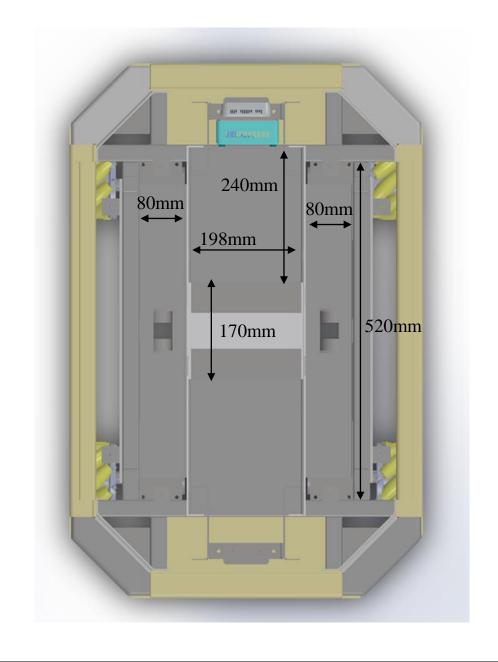
E3- 19V to 12V

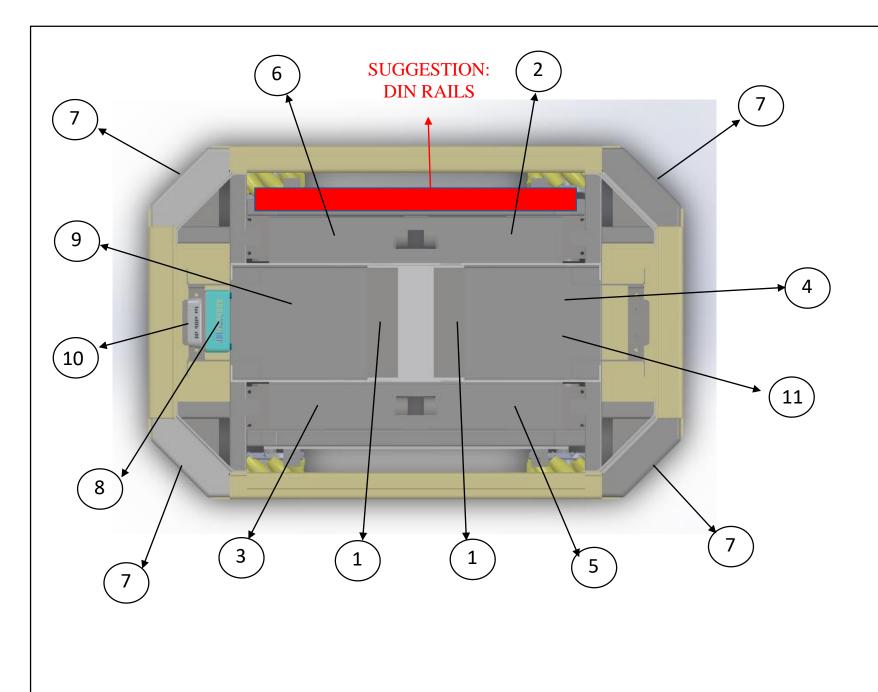
E4- 19V to 12V











Suggested Layout

- 1. Battery 24V
- 2. Power Regulators
- 3. Terminal Blocks
- 4. 2 Motor Controllers (Roboclaw)
- 5. USB Hub
- 6. Power Management Unit
- 7. HC-SR04 Ultrasonic Sensors
- 8. Intel NUC 10
- 9. NVIDIA Jetson Xavier NX Dev Kit
- 10. Intel RealSense D455
- 11. Wireless Router

