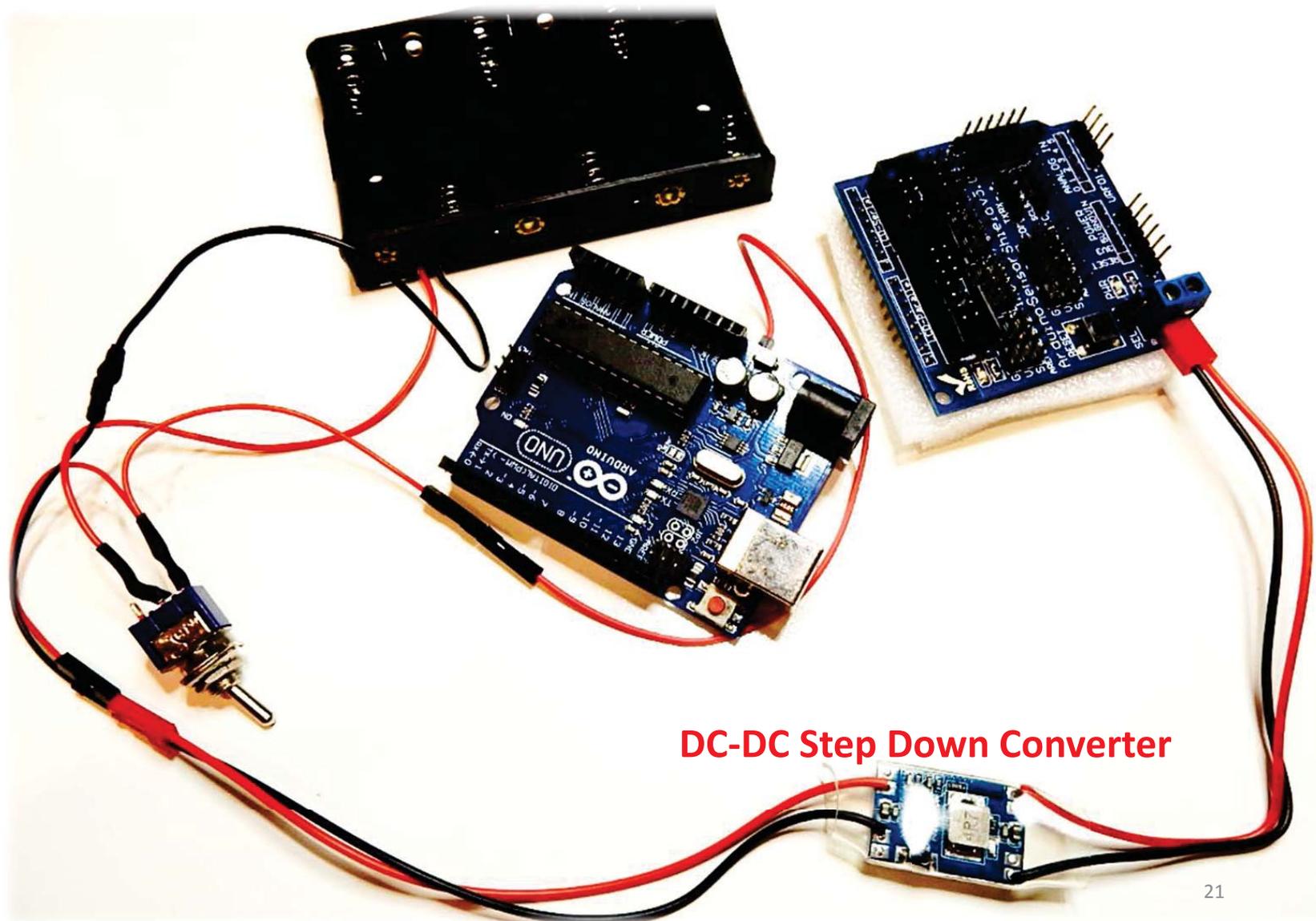


Arduino, Battery Holder and Sensor Shield Connections

Make sure you connect your components as shown here

The Arduino board has a DC-DC step up converter to stabilize its voltage while under load or moving the robot. There is also a DC-DC step down converter to convert from 9V to 5V that powers the row of pins where motors will be connected to.



DC-DC Step Down Converter