

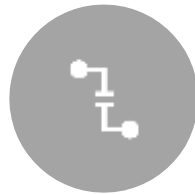
DPDT Controlled

Robot

Parts required to make a DPDT Bot

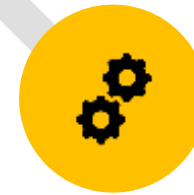


Chassis



DPDT Switches

- 2



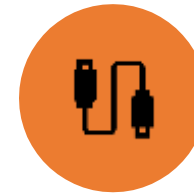
DC Geared
Motors – 4



Wheels



12V Battery



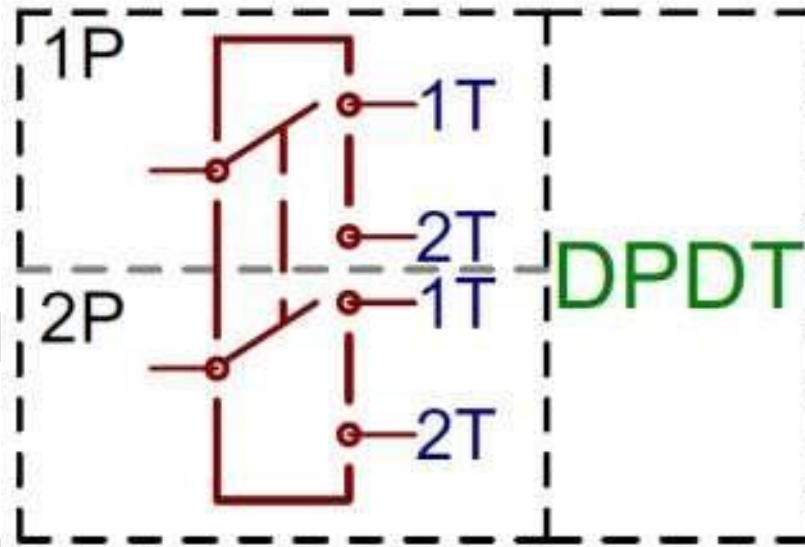
Ribbon Wire



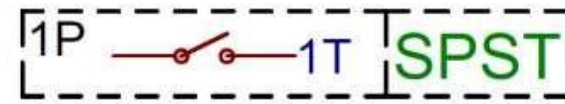
Switch Box

What is DPDT?

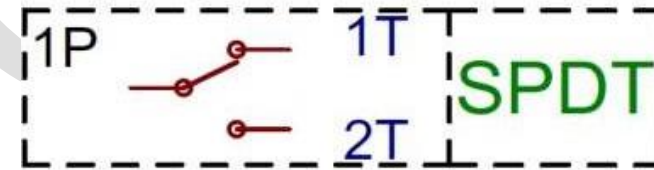
- A type of switch.
- It stands for **Double Pole Double Throw**.
- Has **six** terminals.



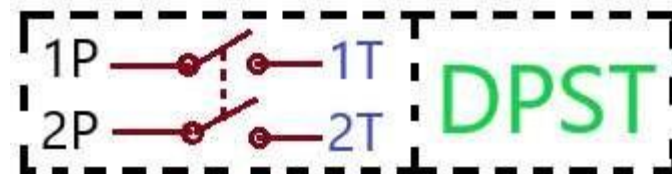
Other Types of Switches



Single Pole Single Throw



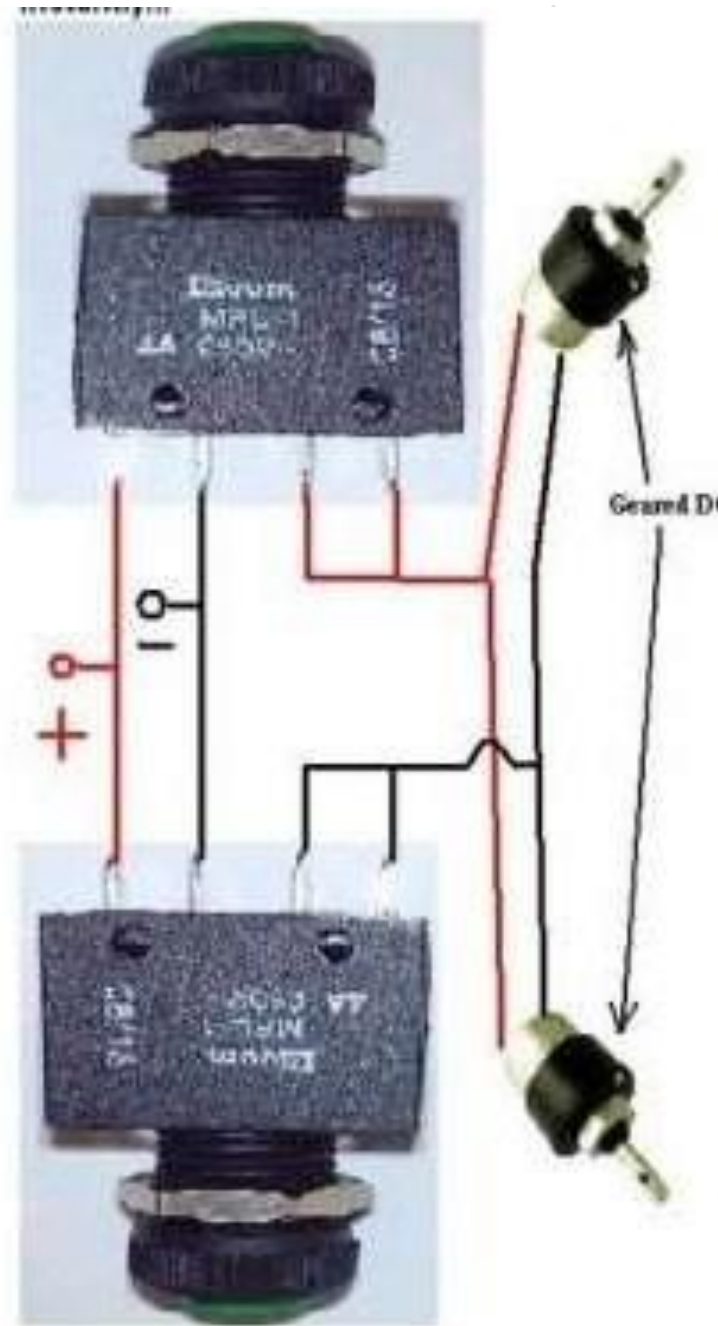
Single Pole Double Throw



Double Pole Single Throw



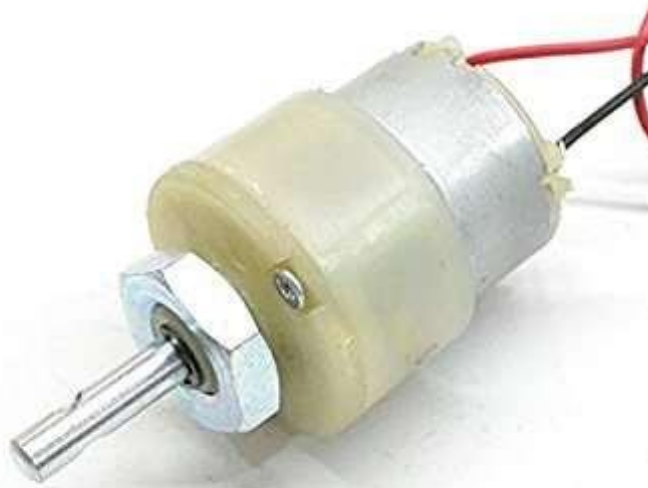
MPU1 Switch



Chassis

A chassis is the base frame on to which one mounts components such as motors, wheels etc.





DC Geared Motor



Servo Motor

DC Motors

A **DC motor** is a rotary electrical machine that converts direct current electrical energy into mechanical energy.

The Assembly



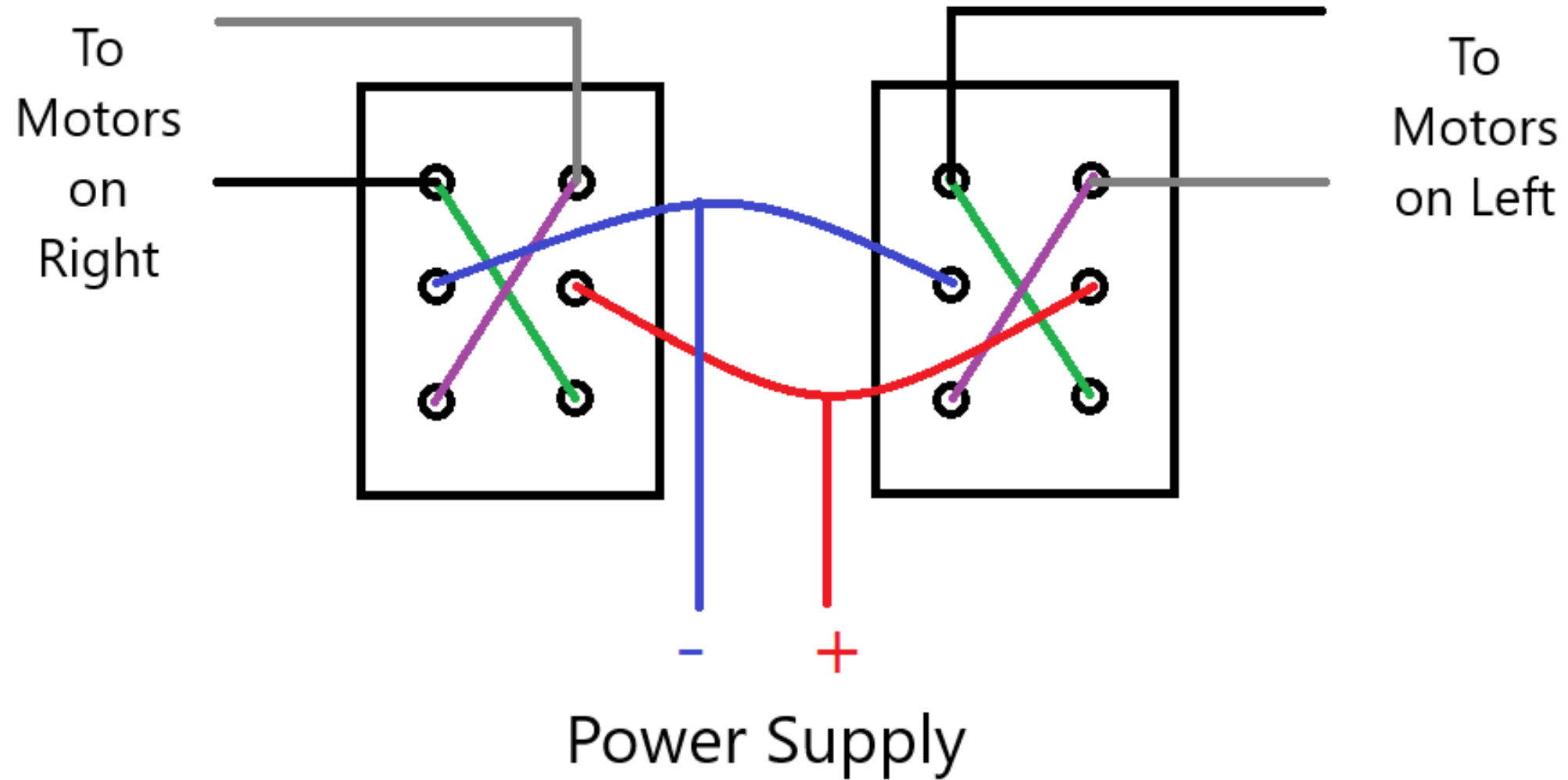
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DPDT Connections



Making Connections

