

# H-bridge & ESC SIM

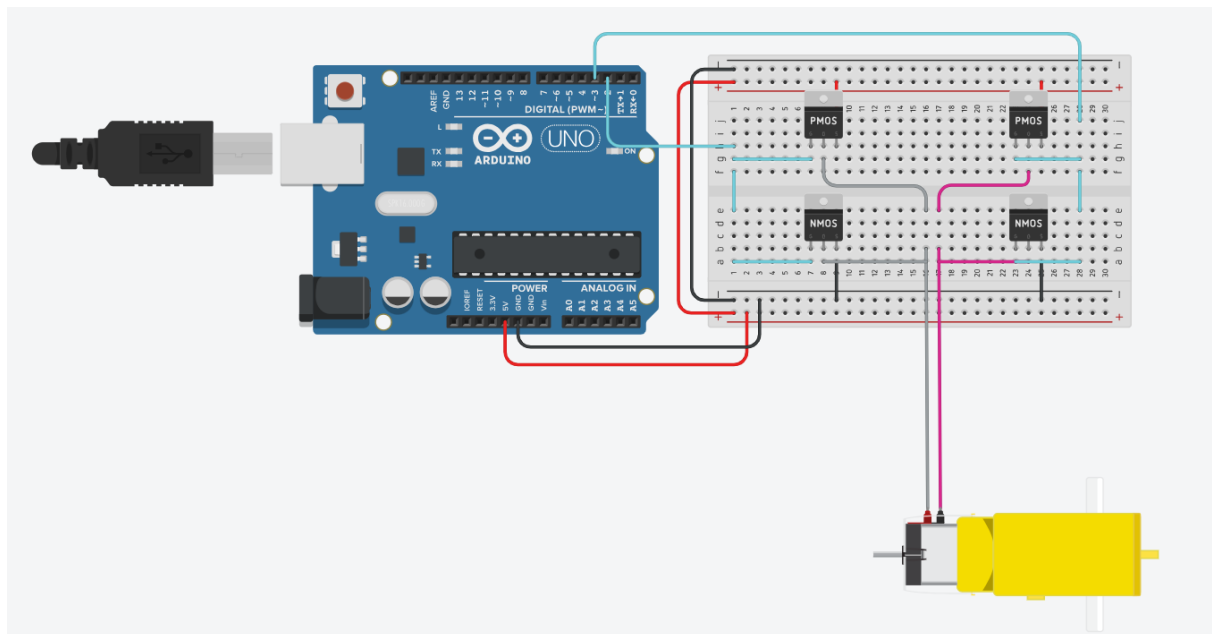
## H-bridge

### component can be added:

Diodes connected in parallel with MOSFETs can effectively protect against the damaging effects of back EMF generated by the motor.

### overview:

The Arduino generates two alternating signals to control a motor's direction. By switching the polarity of these signals, the motor can be made to rotate clockwise or counterclockwise.



## ESC SIMULATION

### overview:

LEDs are used to represent brushless motor coils, with LED illumination simulating current flow through the coils (without indicating current direction).

