Inverted Pendulum Schematic

white

red

green

Potentiometer

yellow

purple

Encoder

blue

red

orange

orange

green

yellow

Motor Control A2

Motor Out A2

Motor Out A1

Motor Control A1

Encoder Header

Motor Driver

+12V

GND

Enable

A1

GND

GND

+5V

+5V

P4

P8

P10

P11

P12

Arduino