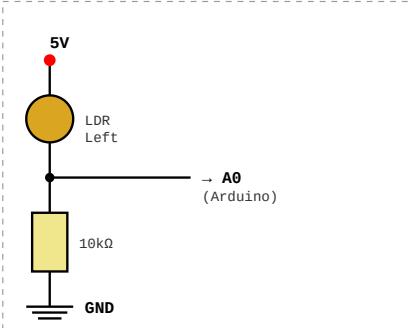
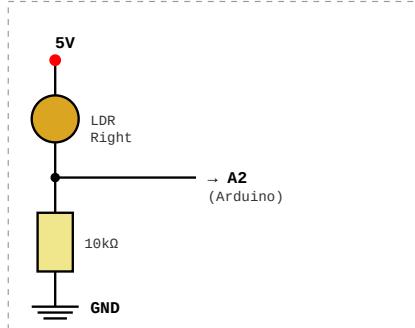


SOLAR TRACKER - CIRCUIT SCHEMATIC

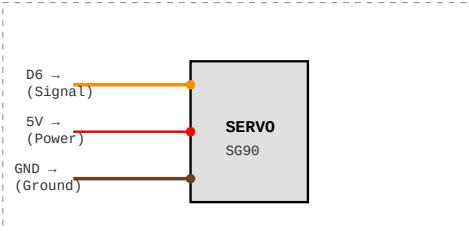
SECTION A: LEFT PHOTORESISTOR



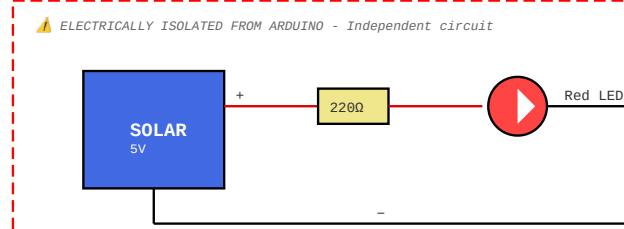
SECTION B: RIGHT PHOTORESISTOR



SECTION C: SERVO MOTOR (SG90)



SECTION D: SOLAR PANEL + LED INDICATOR



POWER SUPPLY

USB Cable → Arduino Uno

- Provides regulated 5V power
- Powers Arduino, sensors, and servo motor

COMPONENTS SUMMARY

- 2x Photoresistor (LDR 5mm)
- 2x Resistor 10kΩ (voltage dividers)
- 1x Servo Motor SG90
- 1x Solar Panel (5V, small)
- 1x Red LED + 1x Resistor 220Ω