

Automatic Rain Sensing Car Wiper Using Arduino Nano

Objective:

The main aim of this project is that an automatic screen wiper system that monitors the intensity of rainfall and controls the frequency of operation of the wiper accordingly.

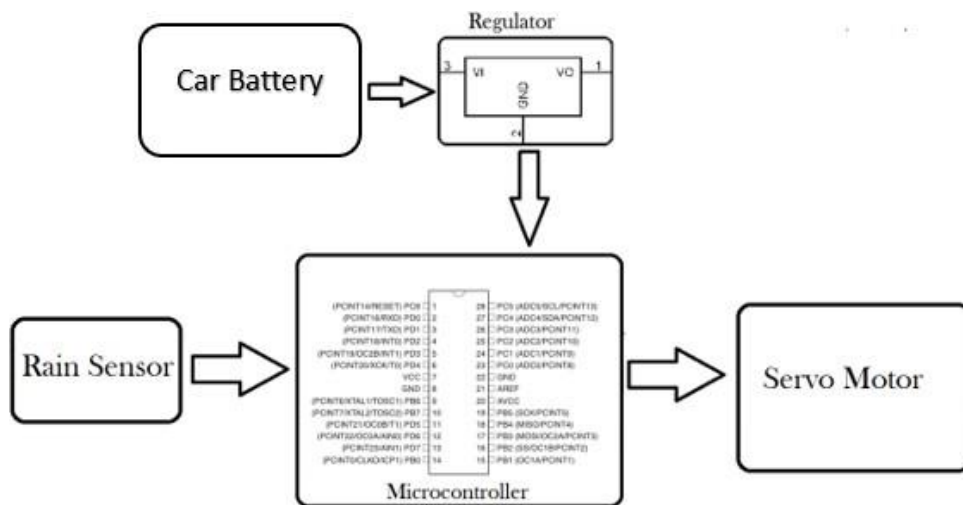
Hardware Components:

1. Arduino Nano
2. Rain Sensor
3. IR Sensor
4. Servo Motor
5. 9V Battery
6. Battery Cap

Application:

1. Arduino Compiler
2. Arduino Code

Block Diagram:



Technical Details:

A car wiper that automatically detects the rainfall intensity and regulates the frequency of wiper operation. It is built, using Arduino Nano board. By measuring the amount of rainfall, controller will adjust the speed of servo motor.