

Automated Side Mirror Car Wiper System

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Abstract: *This document presents the design and implementation of an Automated Side Mirror Car Wiper System to enhance visibility and safety during adverse weather conditions. The system utilizes a rain sensor to detect water droplets and automatically activate the wiper mechanism, ensuring clear side mirrors without manual intervention. This automation improves driving convenience, reduces distractions, and enhances overall road safety. Index Terms— Automated wiper, Rain sensor, Vehicle safety, Side mirror cleaning..*

Keywords: Automated Wiper, Rain Sensor YL 83, Side Mirror, Vehicle Safety, Microcontroller STM 32, Servo Motor Voltage Regulator 7812

