

ABSTRACT

SOLAR TRACKING SYSTEM WITH PANEL CLEANING MECHANISM

- In this project we are acquiring the data from the light intensity senses. Which are then fed to the comparators, and then they are fed to the Microcontroller. The software is developed in the Microcontroller such that It collects the data from the comparators and then drives the DC motor either in the clock wise or in the anti clock wise direction. Here, depending on the light that falls on both the sensors, there will be a slight potential difference and this causes the Microcontroller to drive the DC motor till both the sensors gets the same light intensity and at this point of time the motor stops and thus indicates the correct location required by the software.

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