

Optimization of light-dependent resistor CdS-LDR sensor is designed based on the intensity of the sun. A relation is obtained between intensity and photo-resistance of CdS-LDR sensor with coefficient of ...

A solar tracking system consisting of a photo sensor was designed and tested in Kumasi, Ghana. The solar tracking system, include a quadrate array of sensor made up of four Light Dependent Resistor, ...

Light Dependent Resistor (LDR) are widely used in various applications where light detection is required, such as in automatic street-lights, camera light meters, and burglar alarm ...

In this study, a Smart (Light Dependent Resistor, LDR) Automatic Solar Tracker is intended and successfully developed. It was developed with unique design criteria such that it instantly aligns the ...

Maximum intensity of the sun is captured using CdS-LDR sensor which is designed with characteristic curve of intensity and photo-resistance using power algorithm. Minimum dull ...

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