

THE PHOTOTRANSISTOR

USEFUL LINK: <https://technologystudent.com/elec1/phototr1.htm>

1. What is a phototransistor? Include two practical applications. **6 marks**

2. Draw that symbol that represents a phototransistor (two pin / leg version). **2 marks**

3. Draw a circuit diagram of a light / dark sensor that includes a phototransistor. **6 marks**

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4. Explain how your phototransistor circuit works. 4 marks

5. In the space below, paste two images of npn phototransistors and two npn phototransistors. 4 marks