

Solar Cell – Photon Toss

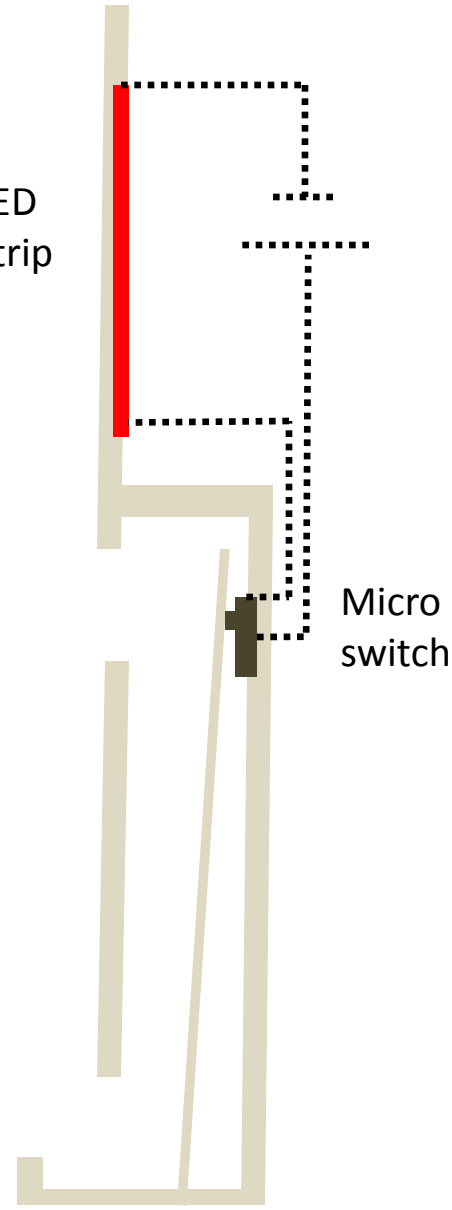
Can you make the electrons flow?

Main Ideas

- Sun light is made of many colors
- Blue light has more energy than red light
- Much of the solar radiation is invisible Infrared which can pass through clouds
- We need to develop solar cells that generate electricity using the whole spectrum
- Solar cells can be made of layers of semiconducting plastics
- A photon must be absorbed near the junction between the acceptor and donor layers for a current to be generated

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LED Strip



Micro switch

hinge

