

## Re: Using piezoelectric to power a laser diode?

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- *From:* "Phil Allison" <[philallison@xxxxxxxxxx](mailto:philallison@xxxxxxxxxx)>
  - *Date:* Fri, 27 Jan 2006 13:49:22 +1100
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<bobrich@xxxxxxxxxx>

>

> I'm a complete novice/noob to electronics.

>

> I have a little project i'm working on, and would like to use a  
> piezoelectric power source to run a small visible laser diode for a  
> short duration (20-200ms). Does this seem feasible? The biggest  
> problem, from what i can tell, is the output voltage of the piezo is  
> likely to be much greater than the 2-3V i need to run the diode. The  
> other problem i'm having is actually finding suppliers of piezo devices  
> that would be suitable for this...all i can find are accelerometers and  
> strain gauges.

>

> Any thoughts? The energy source will be a sharp blow from a small  
> spring-loaded lever.

>

\*\* The laser diode is attached to a mouse trap - right ?

When the mouse sets it off - the mouse gets a blast of laser light in the eye.

You will soon get yourself 3 blind mice.

Nice one - boob.

..... Phil

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- **References:**

- ◆ **[Using piezoelectric to power a laser diode?](#)**

- ◇ *From:* bobrich

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