

Newbie question: circuit for harddrive indicator

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2005-01/0360.html>

From: fob (*rwinder_at_cameron.net*)

Date: 01/05/05

Date: 5 Jan 2005 14:27:04 -0800

Folks:

I want to light up an ultra violet reactive 120mm computer case fan with UV LED's whenever my harddrive is accessed.

I figure that I will use 3 UV LEDS to light up the fan, and the 3 LED's will be activated by a transistor that is triggered off of the computer motherboard's harddrive LED connector.

Problem is that I don't have any idea how to do this. I figure I will need to power it off of a molex connector from the power supply (5v or 12v) and use a combination of resistors, a transistor and maybe other stuff (like caps and/or a voltage regulator). I do know that LED's are 2.4v devices and are polarized.

Has anyone seen this type of circuit or know how to make one?
Thanks for any help you can provide.

Fob