

Re: circuit that watches for phone ring and resets external device

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- *From:* qrk <SpamTrap@xxxxxxxx>
 - *Date:* Fri, 11 Aug 2006 19:49:28 GMT
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On 11 Aug 2006 05:59:52 -0700, "visiperl@xxxxxxxx" <visiperl@xxxxxxxx> wrote:

Hi all,

I'm looking for either a circuit, kit or prebuilt device that will hook up to a phone line and when I dial that extension it will reset my DSL modem and router.

All I need it to do is sense the incoming ring voltage momentarily interrupt the power.

Does anybody have any suggestions?

Thanks
vp

Use a neon bulb (NE2 or similar) with a fairly high series resistor (22k to 100k) and connect it across the phone line. Couple the neon bulb to a photodiode or some other photo sensor. The photo sensor is connected to your reset circuitry, whatever that may be. If you're using a Westell DSL router, you may be running traffic that crashes the router. Westell routers work fine for plain vanilla traffic. If you're using peer to peer programs, Westell routers will barf on some types of traffic.

Mark

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