

## Re: Unusual functions of cheap parts

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-11/msg03350.html>

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- *From:* martin griffith <[martingriffith@xxxxxxxxxxxxx](mailto:martingriffith@xxxxxxxxxxxxx)>
  - *Date:* Sat, 26 Nov 2005 17:12:03 +0100
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On Thu, 24 Nov 2005 09:40:27 +0100, in sci.electronics.design "Henry Kiefer" <[otc\\_friend@xxxxxxx](mailto:otc_friend@xxxxxxx)> wrote:

>Hi all –

>

>After my first thread going from "standard" cheap parts for up to vhf frequency to a discussion about the usefulness of Spice simulator..... I try it another time hopefully get attention of frustrated co-readers:

>

>For example the rectifier diode 1N4007 can be used as a rf switching diode, for example as rx/tx-switch. This is because it is a pin structure diode. This type is cheap and you can get it almost everywhere. It shows good performance for the price. Surely for high-end you should do it with another type tuned to the application it is made for. But anyway it works in some circuits.

>

>Do you know of other interesting devices or circuits good for misuse?

>

>Best regards –

>Henry

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Switching a 20 year old 24v weller soldering iron on and off is a good test for seeing if an 8051 cpu board is EMC proof

martin

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• *Follow-Ups:*

- ◆ ***Re: Unusual functions of cheap parts***

◇ *From:* Adrian Tuddenham

- ◆ ***Re: Unusual functions of cheap parts***

◇ *From:* Henry Kiefer

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Re: Unusual functions of cheap parts

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