

## Re: 12 LED resistance circuit help

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.basics/2005-04/msg01205.html>

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- *From:* "Anthony Fremont" <[spam@xxxxxxxxxxxxx](mailto:spam@xxxxxxxxxxxxx)>
  - *Date:* Sun, 24 Apr 2005 21:03:39 GMT
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"John Fields" <[jfields@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:jfields@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:4run61185tuf10b6o6rvuo10bhh6fqf7ia@xxxxxxxxxxx](mailto:news:4run61185tuf10b6o6rvuo10bhh6fqf7ia@xxxxxxxxxxx)  
> On Sun, 24 Apr 2005 18:12:30 GMT, "Anthony Fremont"  
> <[spam@xxxxxxxxxxxxx](mailto:spam@xxxxxxxxxxxxx)> wrote:  
>  
>>  
>>"John Fields" <[jfields@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:jfields@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
>>  
>>> Sure, I made a typo, which is clearly evident from the context of  
the  
>>  
>>Clearly evident, are you trying to be funny? There is nothing  
"clearly  
>>evident" about 0.6mA REALLY meaning 600mA.  
>  
> ---  
> Well, had you noticed that earlier on in the article I referred to  
> being able to run a relay with a 100mA coil, and had you noticed that  
> that relay was in series with the collector-to-emitter junction of the  
> transistor, it should have been obvious that, in the absence of  
> current-hogging, that 100mA also had to pass through the transistor's  
> collector-to-emitter junction in order to cause the relay to function.  
> Also, I don't think there are any commonly available mechanical relays  
> with will operate with coil currents on the order of 60 $\mu$ A, so it  
> should have been more or less obvious that it was a typo. Especially  
> when you consider that just removing the mu fixes everything.

It was obvious to me for all the reasons you mention, that's why I went and looked at the datasheet yesterday to see. However, it might not have been obvious to the OP (and it likely wasn't) given his post and his nym. I didn't feel the need to jump in and make a scene though. I figured you'd catch it or someone else would. No biggy. Certainly not like the sacrilege of misappropriating the word "current" in S.E.B, I see.

>>> article. Big fucking deal.  
>>  
>>As a matter of fact, it is a BFD now. You wrongly cussed me out, now

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>>you should apologize. Or do you think you are above that?  
>  
> ---  
> What I think is that you're trying to mitigate your error by saying,  
> "See, everybody makes the same kinds of mistakes I do.", and there's  
> no reason for me to apologize to you for flaming you about that.

I don't want an apology for pointing out my mistakes, I want one for cussing me out after I pointed out your mistake. I admit my mistake yet again, when will it be enough for you?

>>> You, on the other hand, are bobbing and weaving and ducking around  
>>> saying that what you meant by current hogging (a commonly accepted  
>>> technical term) was "power hogging", or some such other nonsense  
and  
>>> trying to excuse your error by saying that I'm in the same boat  
that  
>>> you're in, LOL.  
>>  
>>I admitted that current was the wrong word, WTF do you want me to do?  
>  
> ---  
> I dont care \_what\_ you do.

I guess that's only as long as I don't say "current" when I really mean "power".

>>Do you really think that I don't know the difference between current  
and  
>>power, or that the current thru all components in a series circuit is  
>>the same?  
>  
> ---  
> You do now...

I think I knew it 25 or 30 years ago.

>>I really didn't expect the pedant police to jump all over it.  
>  
> ---  
> Shit happens...  
> ---  
>  
>>Next time I'll be more careful.  
>  
> ---  
> Good.

whatever

>>The simple fact remains that one LED WILL DISIPATE MORE POWER THAN

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THE

>>OTHER DUE TO DIFFERING Vf's. RIGHT???

>

> ---

> Right.

> ---

At least we can agree on something.

>>THE END RESULT IS EXACTLY THE

>>SAME AS IF ONE DEVICE HOGGED MORE CURRENT, RIGHT???

>

> ---

> Wrong. That's the same as saying that getting from point A to point B

> via a road that doesn't exist is the same as getting from point A to

> point B via road that does exist.

Your falacious analogy aside, the end result is a smoked part. The same as when you put too much current thru it. I defy you to tell the difference in a post-mortem exam.

>>I have admitted my

>>error numerous times now. Now, what is your problem?

>

> ---

> I have no problem.

> ---

Other than your inability to apologize for cussing someone out and calling them names.

>>I'm not saying that you're in the same boat as me, I am saying that you

>>make mistakes too. What I'd like to know is:

>>

>>Would you rather have someone point it out nicely, or would you rather

>>them try to trip you up so that you can dig yourself in deeper? Let me

>>know so that I may properly appease you in the future.

>

> ---

> Neither my appeasement nor your sarcasm is necessary. Besides, I don't know why you're so offended by what you thought was a trick

> question since, trick question or not, it certainly woke you up

> quickly enough!

> ---

Too bad you didn't "wake up" to your "trypo" until after cussing me out.

>>BTW, I feel that a microcontroller would be a simpler, cheaper, more

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> >reliable (iow better) solution to the problem of resetting the network  
> >appliances on a regular basis. What do you think?  
>  
> ----  
> Is that a trick question?

no

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• *Follow-Ups:*

- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* John Fields

• *References:*

- ◆ [\*\*12 LED resistance circuit help\*\*](#)  
◇ *From:* Brilla
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* John Bokma
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* Anthony Fremont
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* John Fields
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* Watson A.Name – \"Watt Sun, the Dark Remover\"
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* Anthony Fremont
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
◇ *From:* John Fields
- ◆ [\*\*Re: 12 LED resistance circuit help\*\*](#)  
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