

Re: Size of Resistors

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2006-08/msg02366.html>

- *From:* "PeteS" <PeterSmith1954@xxxxxxxxxxxxxxxx>
 - *Date:* 25 Aug 2006 14:00:07 -0700
-

Jonathan Kirwan wrote:

On 25 Aug 2006 08:31:34 -0700, "GraemeC"
<graeme.cunningham@xxxxxxxxxxxxxxxx> wrote:

<snip>

This circuit provided a constant current through the load LED (D1) when
Vi1 is greater than approx 3v

<snip>

I've only just begun to look at the arrangement. You have 14 BJTs in
order to provide a constant current into an LED!?? Can you explain a
little more about why?

Jon

I ditto this reponse.

If you are trying to provide 250mA into an LED as a constant current
(which seems awfully high), it can be done with only a single
transistor and a few other parts.

Apart from that, the part you specify (QTLP690C) is listed as obsolete

<http://www.fairchildsemi.com/sitesearch/fsc.jsp?command=text&attr1=&attr2=&t=0&i=sitemap+id&ia=1&text=OTL>

Please tell us the application requirements :)

Cheers

PeteS

.