

Re: 555 timer circuit

Source: <http://sci.tech-archive.net/Archive/sci.electronics.basics/2004-12/1678.html>

From: Paul (burtonfamily_at_dodo.com.au)

Date: 12/29/04

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Bill Bowden wrote:

> *burtonfamily@dodo.com.au* wrote:
> > *Hello,I made a simple astable 555 timer circuit the same as the one
> on
> > the 555 web site,but im having trouble working out the values of
the
> > two resistors and the capacitor so it will turn on for 3 minuts and
> off
> > for 5 minuts.Could someone please point me in the right direction
as
> i
> > found the data sheet a bit confusing.thankyou in advance
>
> There is a 555 calculator on my site that will work out
> times based on components entered. But in operation
> the times will be a litte longer due to the capacitor
> leakage. Probably get about 10% additional time for 3 minutes
> calculated.
> http://ourworld.compuserve.com/homepages/Bill_Bowden/555.htm
>
> -Bill*

Thankyou for all your help,i'll try all your ideas and see how i go,it doesn't worry me if it's not real precise as im only using it to turn on a bilge pump on a boat.I guess i'll have to put a smoothing capacitor in there somewhere to.cheers,
Paul