

## Re: 555 timer circuit

**Source:** <http://sci.tech-archive.net/Archive/sci.electronics.basics/2004-12/1676.html>

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**From:** Bill Bowden (*wrongaddress\_at\_att.net*)

**Date:** 12/29/04

Date: 29 Dec 2004 11:43:50 -0800

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](http://ourworld.compuserve.com/homepages/Bill_Bowden/555.htm)

-Bill