

## Re: watering system, second attempt.

**Source:** <http://sci.tech-archive.net/Archive/sci.electronics.basics/2004-08/0338.html>

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**From:** andy ([news4\\_at\\_earthsong.free-online.co.uk](mailto:news4_at_earthsong.free-online.co.uk))

**Date:** 08/05/04

Date: Thu, 05 Aug 2004 14:20:12 +0100

On Thu, 05 Aug 2004 02:01:43 -0400, Active8 wrote:

> On Thu, 05 Aug 2004 04:09:51 +0100, andy wrote:

>

>> On Wed, 04 Aug 2004 20:01:42 -0400, Active8 wrote:

>>

>>> On Thu, 05 Aug 2004 01:36:35 +0100, andy wrote:

>>>

>>> <snip>

>>>>

>>>> that's just the way the program i have writes out an image.

>>>> I've run it through a paint program to make it b/w and smaller:

>>>>

>>>> <http://www.niftybits.ukfsn.org/electronics/daily-water-with-chip.jpg>

>>>> <http://www.niftybits.ukfsn.org/electronics/daily-water-with-chip.png>

>>>>

>>>> You could at least pick the smaller file size of the 2 images and

>>>> post one link. I don't see where the drawing is any smaller

>>>> physically.

>>>>

>>>> i did that because the png is a better image, but not everyone can read it.

>>>>

>>>> I tried both and wheter I zoom in or out, it's a bitch to read. Must

>>>> be those colors and/or that schematic capture program you're using.

i'm using gschem for linux, which is part of the gEDA suite.

i've converted it to b/w and rescaled it - should be easier to read now.

>>

>>> It looks like a lot of board real estate. If you google on

>>> irrigation timer, some dude in either Oz or Kiwi land has a PIC

>>> based programmable irrigation timer he sells for around 150 of

>>> someone's dollars and IIRC he's posted the code \*as well\* as the

>>> schem. It appears to be not much bigger than a pager.

>>>>

>>>> if you still have the link, could you post it - i can't find it with

>>>>

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sci.electronics.basics: Re: watering system, second attempt.

>> *'irrigation timer pic site:.au'*

>

> *Oh. It was propagation misting timer and he no longer has a link to  
> the plans. \$130. You can see a picture of it and seriously, the  
> learning curve for working with PICs is not steep and it's worth the  
> effort.*

>

> *Good resource on PICs is [www.piclist.com](http://www.piclist.com) Thoroughly read the first  
> page and FAQ about subscribing and posting if you want to get on the  
> list and either way, there's enough info and links there to control  
> the world.*

thanks for the info, but i want to stick with a separate chip design.

partly because i don't want to learn a whole new thing to get this project done, and partly like i said because i want it to be possible for someone else to build it from the plans without any fancy equipment – i'm talking about people who have hardly any electronics knowledge but can follow instructions to assemble a circuit on stripboard.

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<http://www.niftybits.ukfsn.org/>

remove 'n-u-l-l' to email me. html mail or attachments will go in the spam bin unless notified with [html] or [attachment] in the subject line.