

## Re: watering system, second attempt.

**Source:** <http://sci.tech-archive.net/Archive/sci.electronics.basics/2004-08/0462.html>

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**From:** Rich Grise (*null\_at\_example.net*)

**Date:** 08/08/04

Date: Sun, 08 Aug 2004 02:23:50 GMT

andy wrote:

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> <http://skullcap23.tripod.com/daily-water3-bw.png>

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> *One thing i'm not sure about is whether i need the 2N3906 on the output,*  
> *or whether i could drive the MOSFET directly from the 4538 monostable's*  
> *outputs if i used the noninverting outputs and put the diodes the other*  
> *way round.*

Keep the 2N3906. It gives a good solid pullup to drive the gate cap. This is what you want, isn't it?

And, it looks like it waters either

A) by timer

B) when you push either button

or is there something I'm missing?

Is the 4538 just one-to-a-package? If so, you could lose one of them by just oring the switches together. :-)

Cheers!

Rich