

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

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after the comments on my first version, i've redesigned the circuit using CMOS ICs and a mosfet to switch the coil. I was meaning to get it working before i posted the new design, but i'm waiting for some parts, so i'm posting it now to see what people think. as before, i would appreciate any comments on how i've done it.

mostly what i want to know is if there's anything that will stop it working the way i'm expecting, cause parts to fail, cause a hazard, or if i've missed any obvious simplifications to the design i've come up with. it's a bit more complex than before, because i've added a feature to water in the morning, evening or both.

I've tested the part of the circuit that gets the light on/off signal from the LDR using the 393, and xors it with the 'force watering' switch signal, but then a chip failed and i'm waiting to get another one.

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