

## Re: LED control circuit

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-05/msg03432.html>

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  - *Date:* Fri, 19 May 2006 21:14:42 +0100
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"gstringe" <[egnirts@xxxxxxxxxxxx](mailto:egnirts@xxxxxxxxxxxx)> wrote in message  
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This will probably be easy for you folks who do this all the time and are up on what is available IC wise.

I want to sequence an LED thru modes with a push button. It will sequence like this: on, flash, off, on, flash, off etc.

I would supply steady power and flash power to a bus maybe as there will be a lot of LEDs to control.

Any clever ideas out there?

Many thanks for the help.

Bite the bullet and use a micro! I'd use a small Atmel AVR microprocessor such as ATtiny13 (8 pin dip with internal oscillator) for around \$1.50, download the free evaluation version of CodeVisionAVR from [www.hpinfotech.ro](http://www.hpinfotech.ro) which is code size limited but won't effect you for this app, buy a cheap programmer (ATAVRISP MK II), and write your program in C using the example programs as a guide. Go on, it'll be worth it! As an aside, CoveVisionAVR is one of the best and easiest to use C compilers I've come across – inexpensive, feature packed and very well supported. Worth paying for the full Standard version IMO. The AVR is also very much suited to C code. Buffer up the output with N-MOSFETs such as 2N7002 or use logic buffers.

Mark.