

Re: Flasher for dog collar

Source: <http://sci.tech-archive.net/Archive/sci.electronics.misc/2006-08/msg00254.html>

- *From:* "conundrum" <testing_h@xxxxxxxxxx>
 - *Date:* 30 Aug 2006 11:15:52 -0700
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Hi, there's an lm3909 equivalent circuit here using (iirc) 4 transistors and a handful of other parts.

<http://home.cogeco.ca/~rpaisley4/LM3909.html>

With SMD skills and a PCB routing program you could possibly build a very small single layer PCB which would be almost the same size as the LM3909 and include the LED and (tantalum SMD) capacitor.

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–Also the NTE876 is listed as a replacement.

Another idea (if you don't mind having to use a higher supply voltage) is to use one of the PIC12C series parts and a 32kHz watch crystal with the watchdog timer set to a 1 second flash.

–A

greysky wrote:

Hi–

I need to build some sort of a flasher to put on my dog's collar– she's the same color as the carpet and keeps getting stepped on :-). I'm thinking a 3909 flasher running a LED from a coin cell. I haven't kept up to date on what's available, or if there are any better chips than the LM 3909 out there. Ideally it should be able to run for a year and be small enough to be clipped onto the dogs collar without having a honking big battery hanging off it (ideally the thing has to be smaller than the dog, which is pretty tiny). Any suggestions appreciated. TIA.