
Subject: Re: IR Remote Control

Posted by [Wayne Parham](#) on Mon, 24 Sep 2012 06:06:02 GMT

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gofar99 wrote on Fri, 31 August 2012 21:25: Hi Wayne, my pleasure on the build. A departure from tubes for a while and a learning experience. I noticed you used the two stage regulators. I believe that was important in the one I built as it made it quite stable and really quiet. The LM3916 is a good choice. They are inexpensive and work well with LEDs. I have one of the LM39XX series that has a built in led bar graph and wish I had more. They are scarce and last time I checked quite costly. I think the original cost was something like \$4. Now about 10 times that.

I got LM3916 chips at DigiKey for about two bucks each.

LM3916 at DigiKey: I've put the IC sockets and relays on each of the four prototype boards. Going at a snails pace because I have so many more things on my plate. But it is a pretty simple circuit so I should have 'em done in the next few months, hopefully by the end of the year.

I'm using a little 5V relay that has excellent contacts and only takes 30mA holding current. So it's nothing for the regulators to drive:

IM03GR 5V DPDT relay
The metal shop should have the front and rear panels done this week, so I'll post pictures when I get them.