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Subject: Re: IR Remote Control

Posted by [Wayne Parham](#) on Mon, 11 Jun 2012 02:15:32 GMT

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Bill Epstein wrote on Sun, 10 June 2012 13:58: Digkey 24 pin EDS6243-ND and 20 pin EDS6203-ND

Also the NPN which I hope is the right spec 497-2598-ND 40V 600mA TO-18

The relay Reed DPST 500mA 12V 306-1035-ND

I forgot to get an DC input jack but I can get that from rat Shack with the perf boards

What else do I need?

The relay, transistor and sockets are all correct.

Now you just need a power supply. I like using a center tapped 12V transformer, rectifier, filter cap, a 7809 and 7905 to make +/-5V then onto a 317 and 337 to make +/-2.5v. This is seriously overkill having two regulators. But each of the regulators is like sixty cents a piece, so having all that noise filtering is cheap.

Could do it with a rectifier, filter cap and a pair of Zeners. Or could go with the modules like Bruce did. But no matter how you slice it, you gotta have +/-2.5V.