

Telephone Flasher

Don't miss any more phone calls.

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So, you're at your rig with the ear phones on and working some good DX when the telephone rings. You don't hear it and it is your wife at the beauty parlor and she needs a ride home. Boy! Are you in trouble!

If you had built the circuit in this article, it could have saved you from the dog house. This circuit, when connected to AC and the telephone line, will flash a light every time the phone rings. Of

course you must have a phone outlet in your shack. Doesn't everyone?

The circuit is dirt simple and can be hard-wired or you can use the PC board accompanying this article. All the parts can be mounted on a 2" square circuit board and will fit into a "wall transformer" case from which the transformer has been removed. However, I'll leave the cabinet or enclosure choice to you.

In my case, I chose a 48-volt SPDT relay because the ringing voltage is approximately 48 to 50 volts.

Parts list:

- Relay 48 volt SPDT Part # R22-5DI6-48, NTE Electronics Inc. (may be ordered from Radio Shack)
- C1 1 μ F, 200 volt, non-polarized
- C2 10 μ F, 50 volt
- Rectifier Full Wave Bridge RS # 276 1152

Miscellaneous AC outlets and plug and telephone wire with the proper termination.

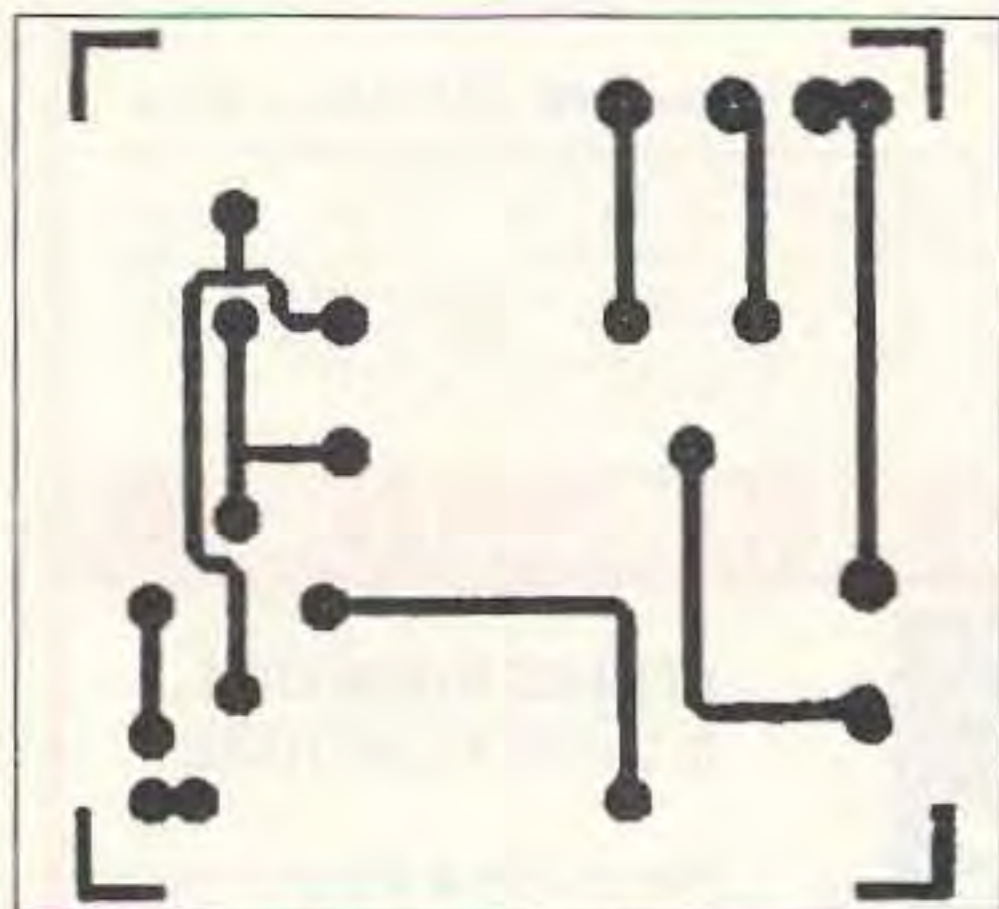


Fig. 1. The foil side of the board.

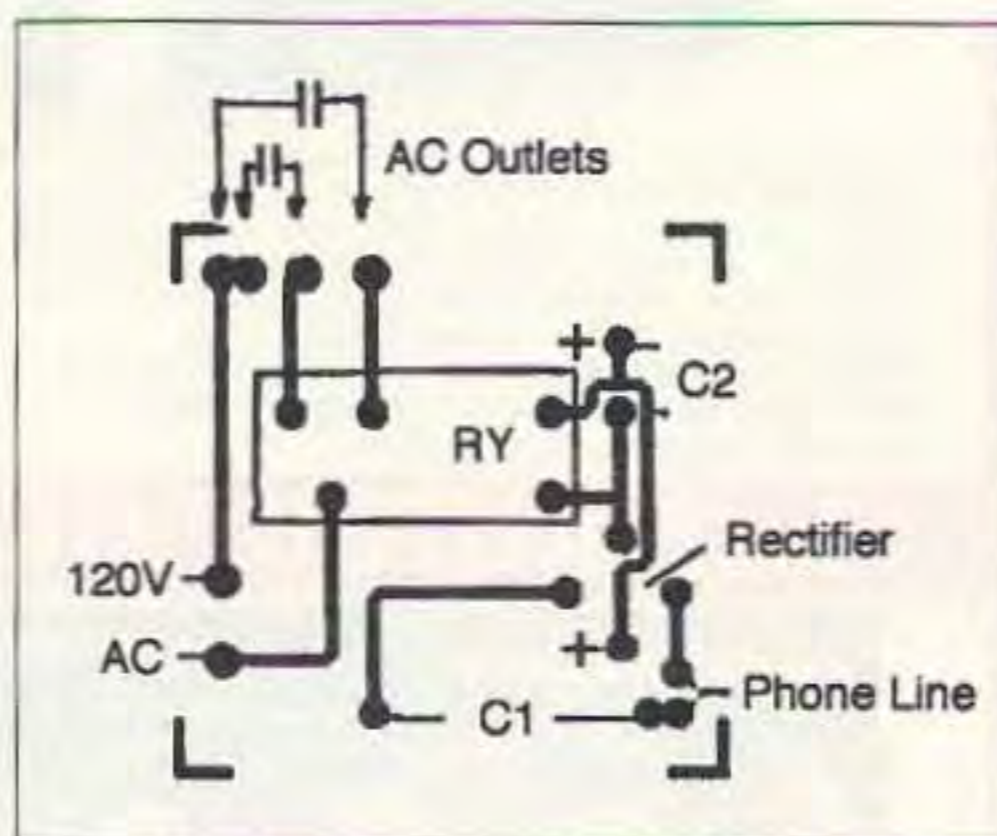


Fig. 2. The component side of the board, showing parts placement.

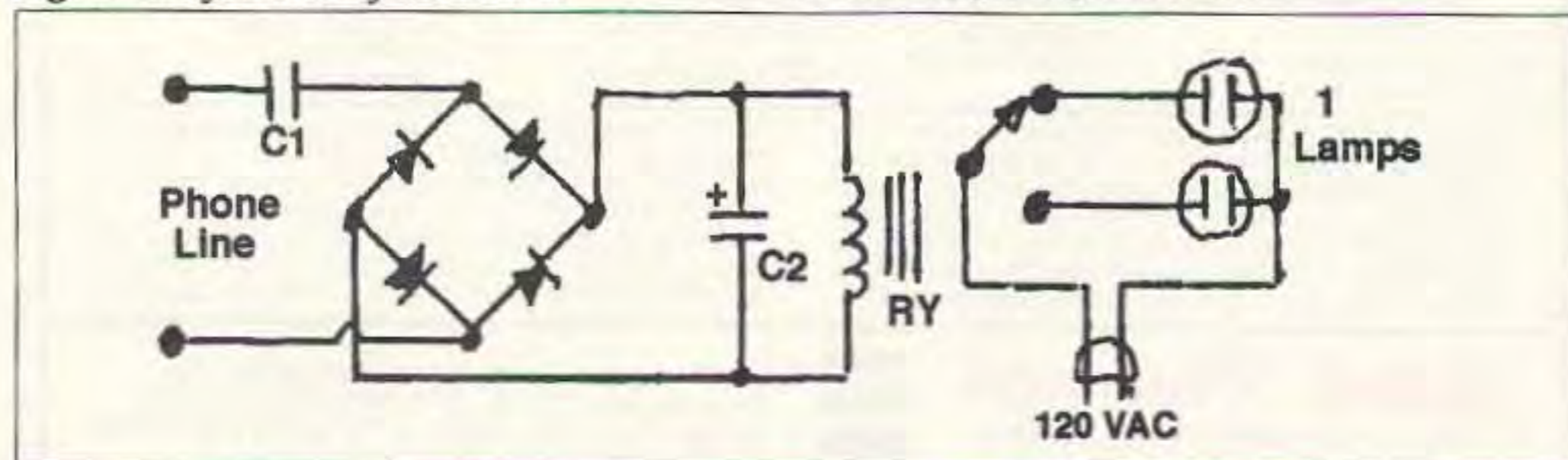


Fig. 3. The circuit diagram.

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