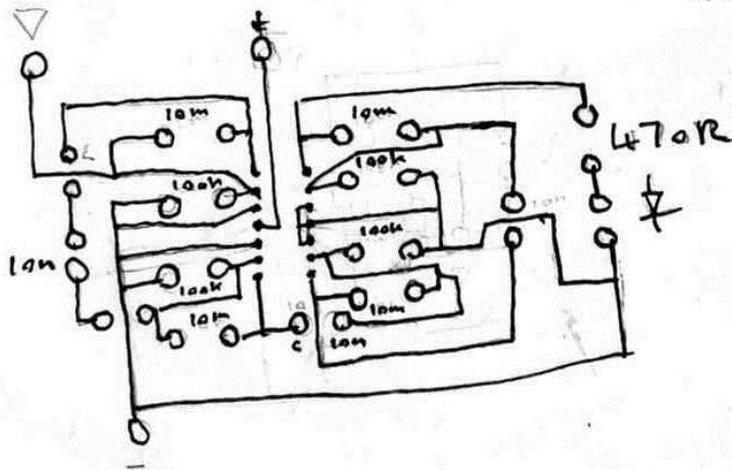


Q2 = bc547 B transistor npn
 Q1 = photo-transistor (use 2 legs from



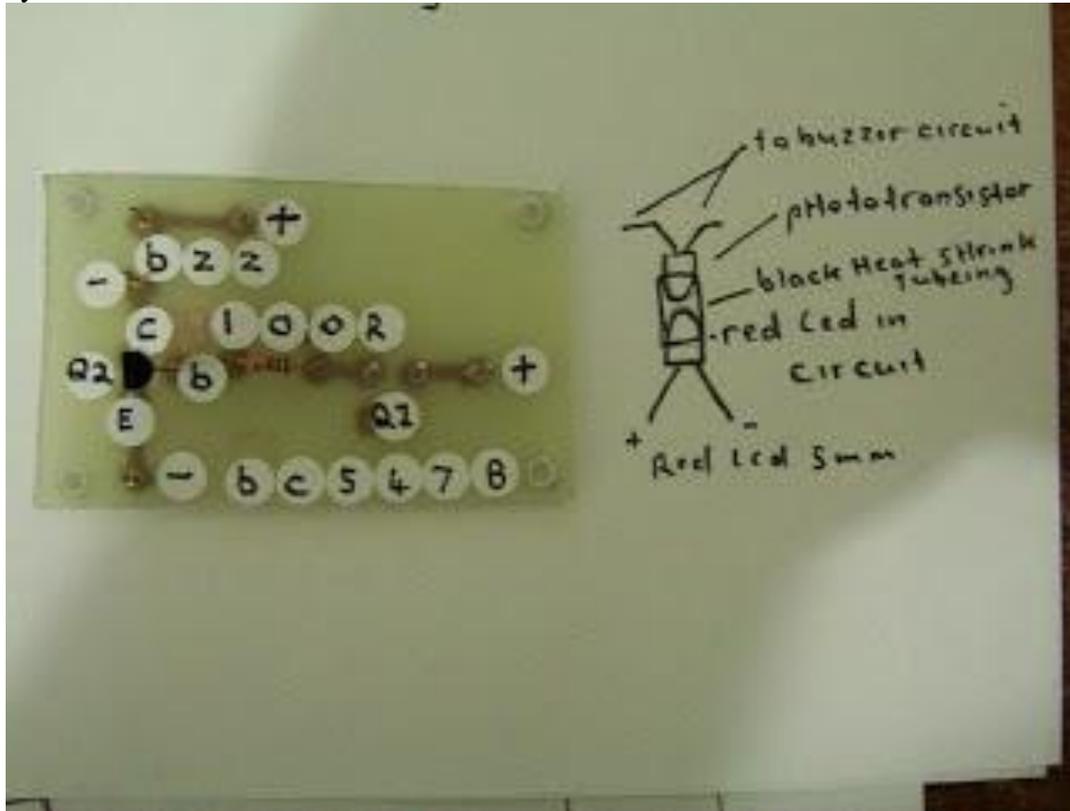
Swagatams
 Ghost detector



top view

Simple
 printed circuit
 layout

here is another picture of your optocoupler buzzer circuit for the ghost detector , i used matrix pins on the board like i do with many circuits.
this eliminates the job of having to take the board out of the circuit to resolder wires , buzz wires go to buzzer and q1 wires go to phototransistor, and the positive and negatives go to switch that runs to 9 volts battery to positive buzzer to positive in and negative of buzzer marked with the minus symbol.

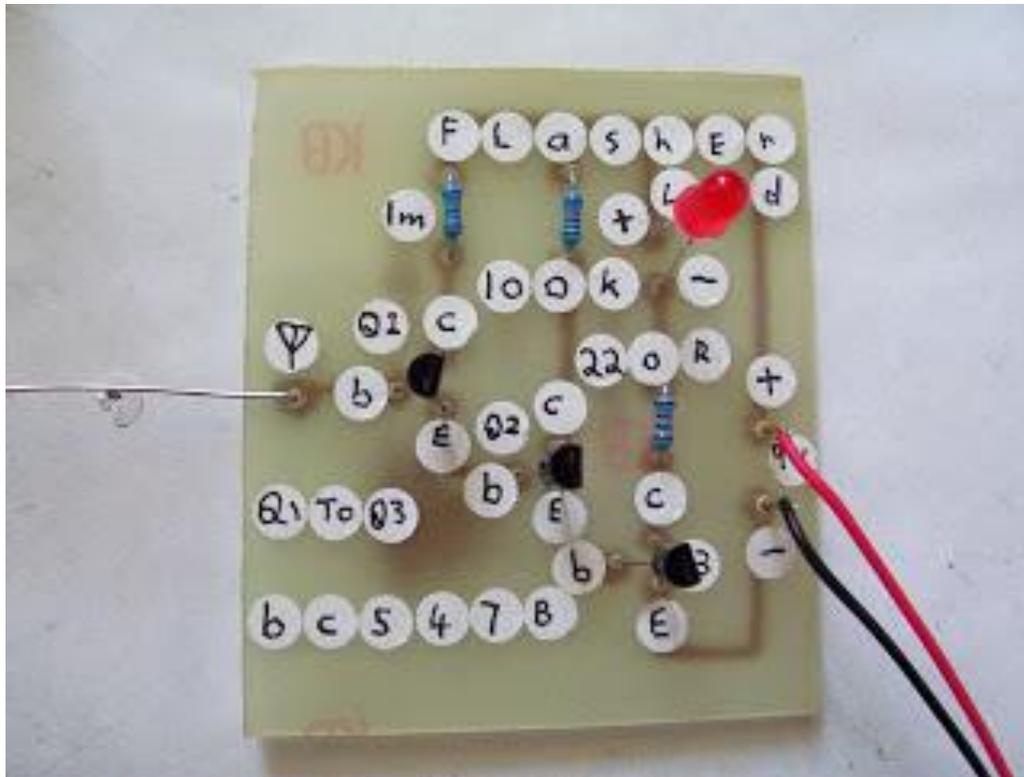


Hi Steven,

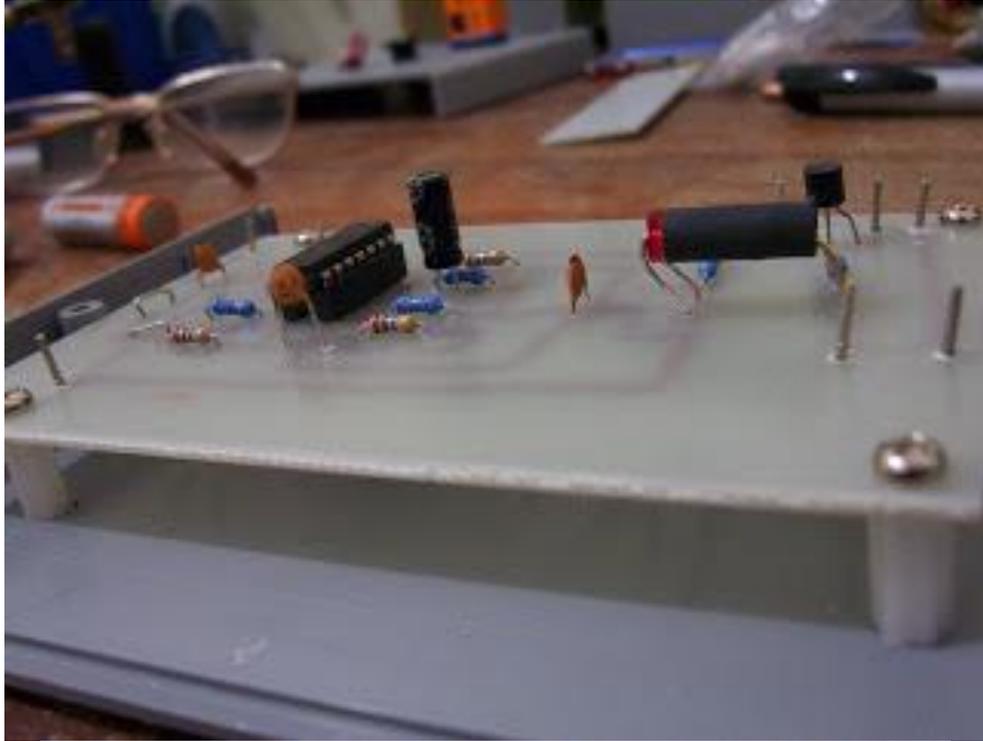
You have made this small circuit very special and all the effort you have put is amazing.

Thanks once again,

Swagatam.



Thank you swagatam its your circuit your ideas Ive upgraded thank you , now e have also the most sensitive lightening bolt detector for its size well have to test it out on a lightening bolt yet even though its very sensitive to the continuous sparking of the electric ignitor on the gas stove here it sounds awesome like receiving pulse rays well you should hear it different from just a hand held gas stove lighter with pezio electric sparks . here is the talking electronics 6 million gain circuit it may be a good ghost detector circuit to and by changing the bc547 to the bc517 you get a 30 million gain circuit as featured on youtube as a spirit detector but i haven't found any ghosts yet to test it on

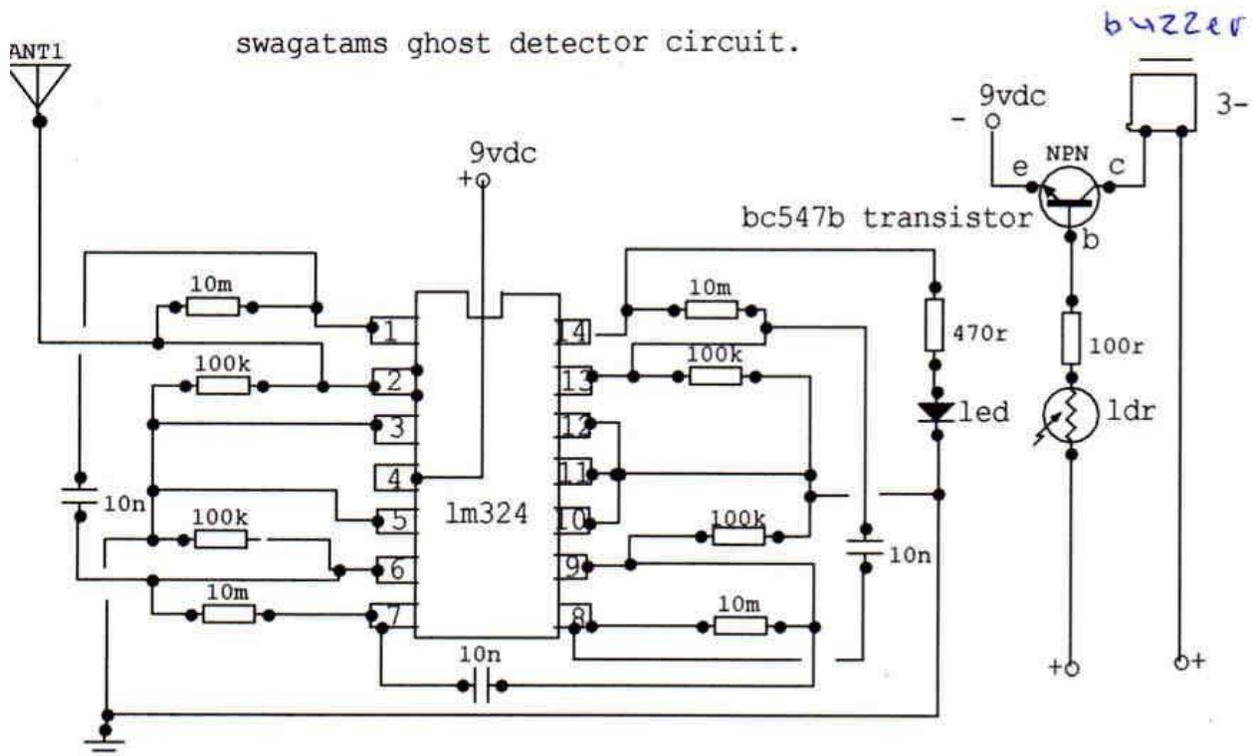


010.jpg is the top view of the printed circuit board for the swagatam ghost detector circuit.

006.jpg is a close up of another ghost detector I just made. Notice the home-made optocoupler using the Fairchild photo transistor and LED at each end of a short length of black heatsink tubing.

I've changed the 10nF ceramics to 10pF to see what results I get when I've completed it all.

couldn't resist the temptation to build another of your ghost detector circuits, so ill have backup in the case one fails i hope you find some of these pictures better for your site or collection, this ones half finished so i have to do the wiring then put the rest of the box together as its a 3 peace one and maybe put the buzzer this time in a different area , etc etc i plan to build your ac sensor next to when i get to it ill email you all the details when i get to that one



this is how i redraw circuits in a more simpler way using student version circuit maker , note the ic shape in its proper rectangle configuration , drawn using the trax maker tool and the pins stretched into there sizes, and shaped properly using the arrow tool, the numbering for the pins was done 1 number at a time using text tool function then dragged into the positions using the arrow in the program