EXPRESS PCB OR EAGLE PCB-DESIGN YOUR PREVIOUS PBL CIRCUIT IN PCB

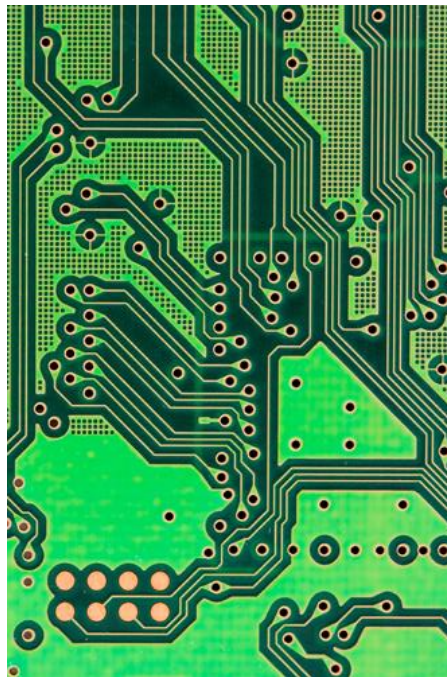## SET-1

Figure 1. A PCB

By

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Softwares Available

Free or Open Source Software

- o KiCad
- o ExpressPCB
- o DesignSpark PCB
- o PCB/gEDA/XCircuit
- o Fritzing
- o ZenitPCB
- o TinyCAD
- o Osmond PCB
- o PCBWeb
- o PCB123
- o FreePCB
- Proprietary or Paid Software
  - o Altium Designer
  - o OrCAD PCB Designer
  - o DipTrace
  - o Eagle
  - o Mentor Graphics Xpedition
  - o Auto TRAX DEX
  - o TINA
  - o Proteus
- Web-based Software
  - o Upverter
  - o CircuitMaker

I'll be using the Express PCB Software, as it is one of the best softwares to start with, if you are a beginner.

First of all, we have to design the schematic of the circuit in ExpressSch. Below is the screenshot of the schematic of the circuit I used:
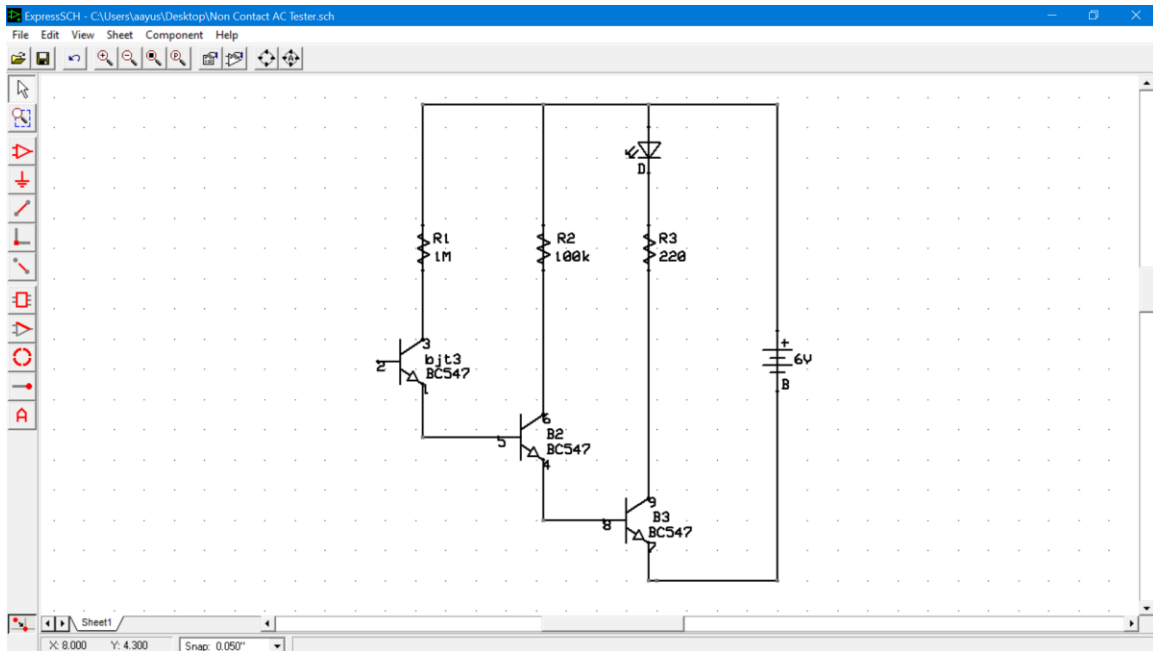
Figure 2. Schematic of the Circuit

The circuit is of the Non-Contact AC Tester.

Now this schematic is to be drawn on the ExpressPcb. Below is the screenshot of the same:
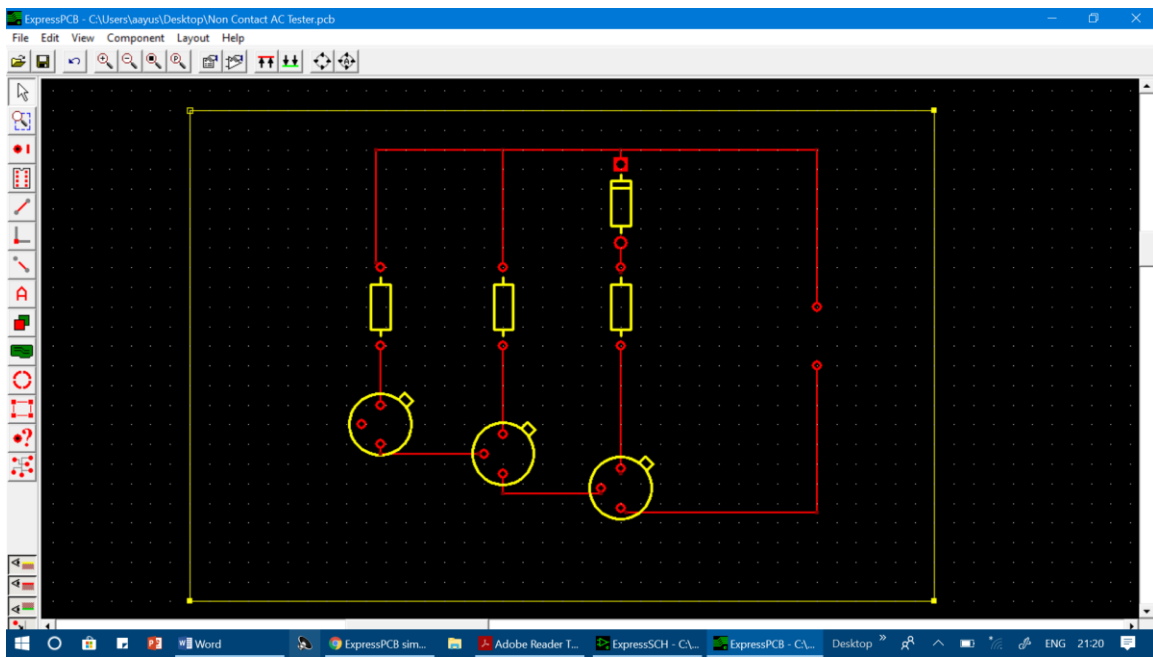

Figure 3. PCB Layout