

# ~~Industrial Design~~ ~~Industrial Design~~ ~~Industrial Design~~

Dimensions of PCB are:  $78 \times 71 \text{mm}$

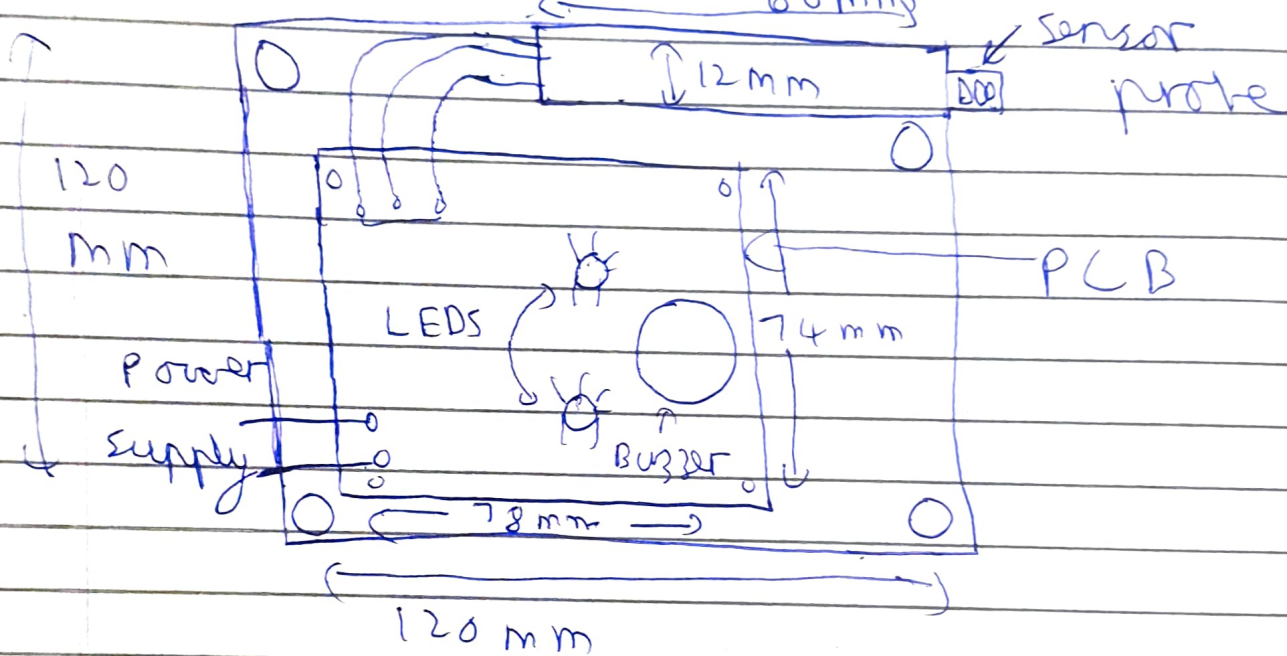
I have decided not to include the 5V power supply in the design as if the power supply fails, the whole device is not rendered inoperable.

By keeping these 2 things separate and using a connector to join them, we ensure that we can quickly switch out the 5V power supply with a new one and operate the device as ~~usual~~ usual.

The sensor is ~~also~~ also connected to the board via a 3 pin connector

We can mount the sensor on one of the walls of the room to ~~to~~ better sense the humidity

We can enclose the chip in a box of dim ~~120~~  $120 \times 120 \times 20$  mm



If mounting holes can be used to secure the device to the wall.

The enclosure is made out of transparent acrylic sheets so that the LED lights are visible through it.

The power supply is provided separately in the form of a 3 pin plug.