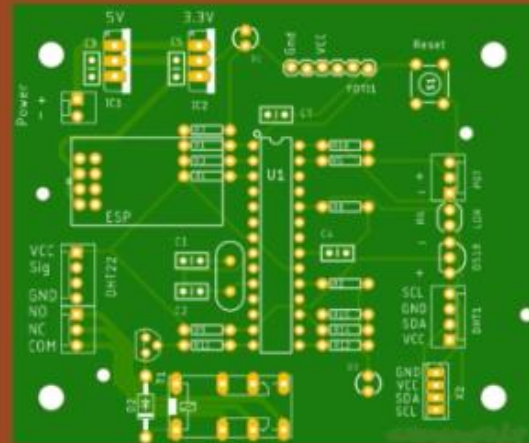


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GREENHOUSE MONITORING SYSTEM - 2ND YEAR PROJECT



What?

- Design and build a greenhouse system that measures the Soil Temperature(DS18B20) sensor, Humidity(DHT22) sensor and Light(LDR) sensor.
- Performed a result of all sensors on a LCD screen to initiate the design process.

How?

- Designed the PCB in Eagle using schematic and board editor..
- Assembled the PCB with correct component placement.
- Soldered all connections with a soldering iron.



Results

- The design successfully displayed soil temperature humidity (%), and LDR (lx) measurements on the LCD screen.