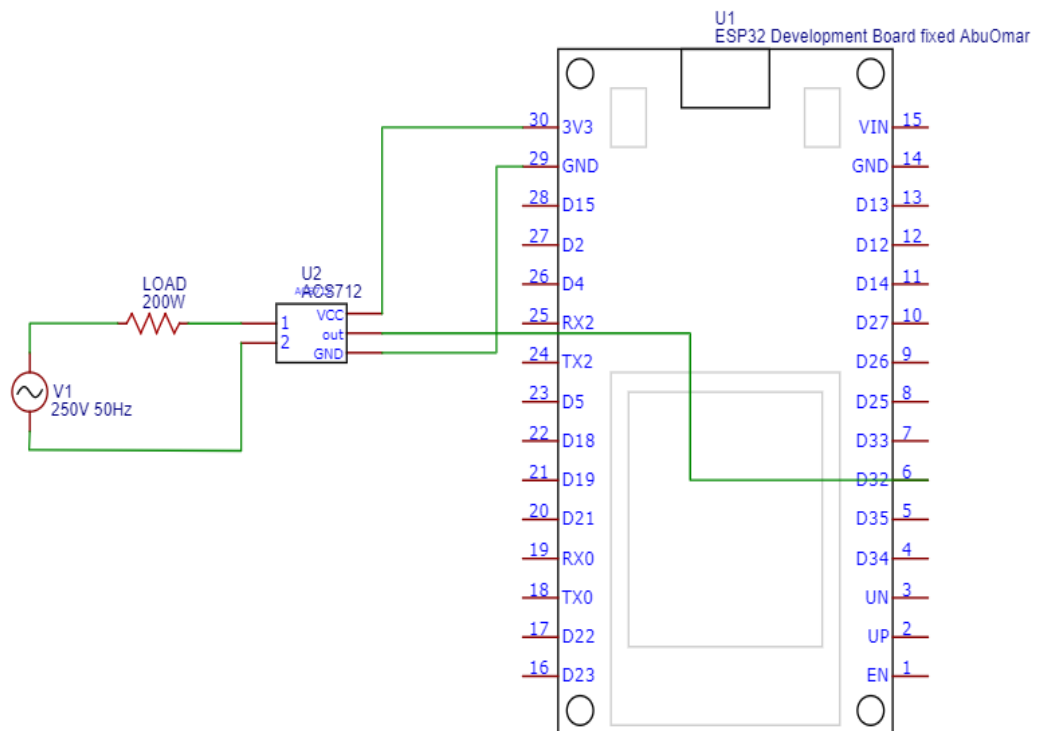


Materials Required:

- 1) ESP32 or nodemcu
- 2) ACS712 current sensor module
- 3) AC load

Circuit Connections:



- 1) Make connections as shown above. (connect the sensor out to pin 32 of the ESP32)
- 2) Connect the ESP32 or nodemcu module to the computer using micro usb cable.
- 3) Upload the code given in the repository by making changes to the network SSID and Password as directed in the code.

Blynk Configuration:

- 1)Download blynk app from playstore or Appstore
- 2) Signup using Gmail.
- 3) Create new project and set relevant parameters such as board used to ES32 or nodemcu.
- 4) Add labelled value button and set the pin to virtual V4
- 5) Upload the code to the board and observe the current readings.