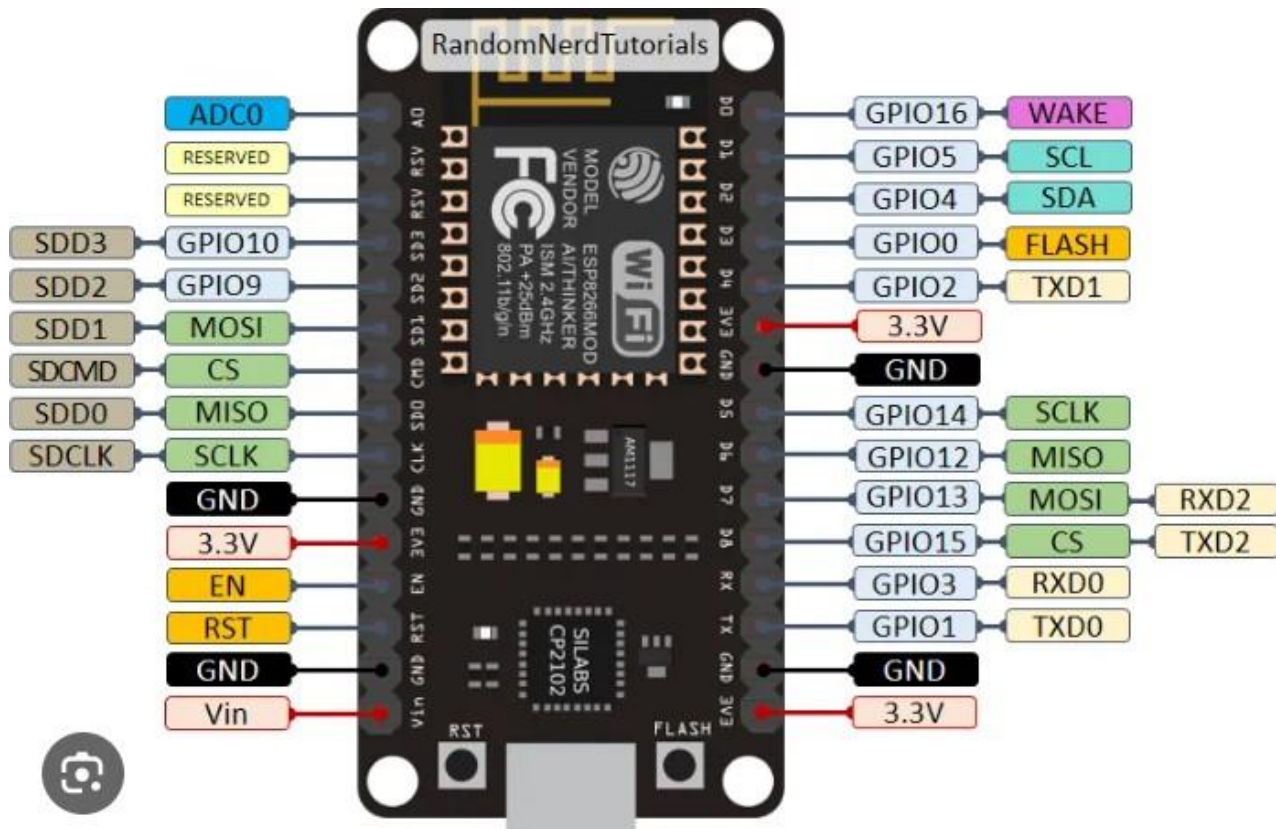


## SENSOR NODE WIRING DETAILS

### Wiring Details:



- **Temperature Sensor (Waterproof):**
  - VCC to 3.3V on ESP8266
  - GND to GND on ESP8266
  - Data to any GPIO pin on ESP8266 (e.g., GPIO4)
- **Moisture Sensor (Capacitance):**
  - VCC to 3.3V on ESP8266
  - GND to GND on ESP8266
  - Analog output to any Analog pin on ESP8266 (e.g., A0)
- **Rain Sensor:**
  - VCC to 3.3V on ESP8266
  - GND to GND on ESP8266
  - Analog output to any Analog pin on ESP8266 (e.g., A1)



- **LDR Sensor:**

- VCC to 3.3V on ESP8266
- GND to GND on ESP8266
- Analog output to any Analog pin on ESP8266 (e.g., A2)



- **Humidity Sensor (DHT11):**

- VCC to 3.3V on ESP8266
- GND to GND on ESP8266
- Data to any GPIO pin on ESP8266 (e.g., GPIO5)



- **LCD:**

- VCC to 5V on ESP8266
- GND to GND on ESP8266
- SDA to any GPIO pin on ESP8266 (e.g., GPIO2)
- SCL to any GPIO pin on ESP8266 (e.g., GPIO14)

