



Smart Farm by Wave


Schematics

MQ2 Smoke Sensor



AO GND VCC

IR Flame Sensor



AO GND + (VCC)

MAIN_BOARD

ESP-WROOM-32

- 3.3V
- RESET
- GPIO36
- GPIO39
- GPIO34
- GPIO35
- GPIO32
- GPIO33
- GPIO25
- GPIO26
- GPIO27
- GPIO14
- GPIO12
- GND
- GPIO13
- INTERNAL
- INTERNAL
- INTERNAL
- 5V

- GND
- GPIO23
- GPIO22
- INTERNAL
- INTERNAL
- GPIO21
- GND
- GPIO19
- GPIO18
- GPIO5
- GPIO17
- GPIO16
- GPIO4
- GPIO0
- GPIO2
- GPIO15
- INTERNAL
- INTERNAL
- INTERNAL

HC-SR04 (Rain)




VCC Trig Echo GND

HC-SR04 (Water Level)

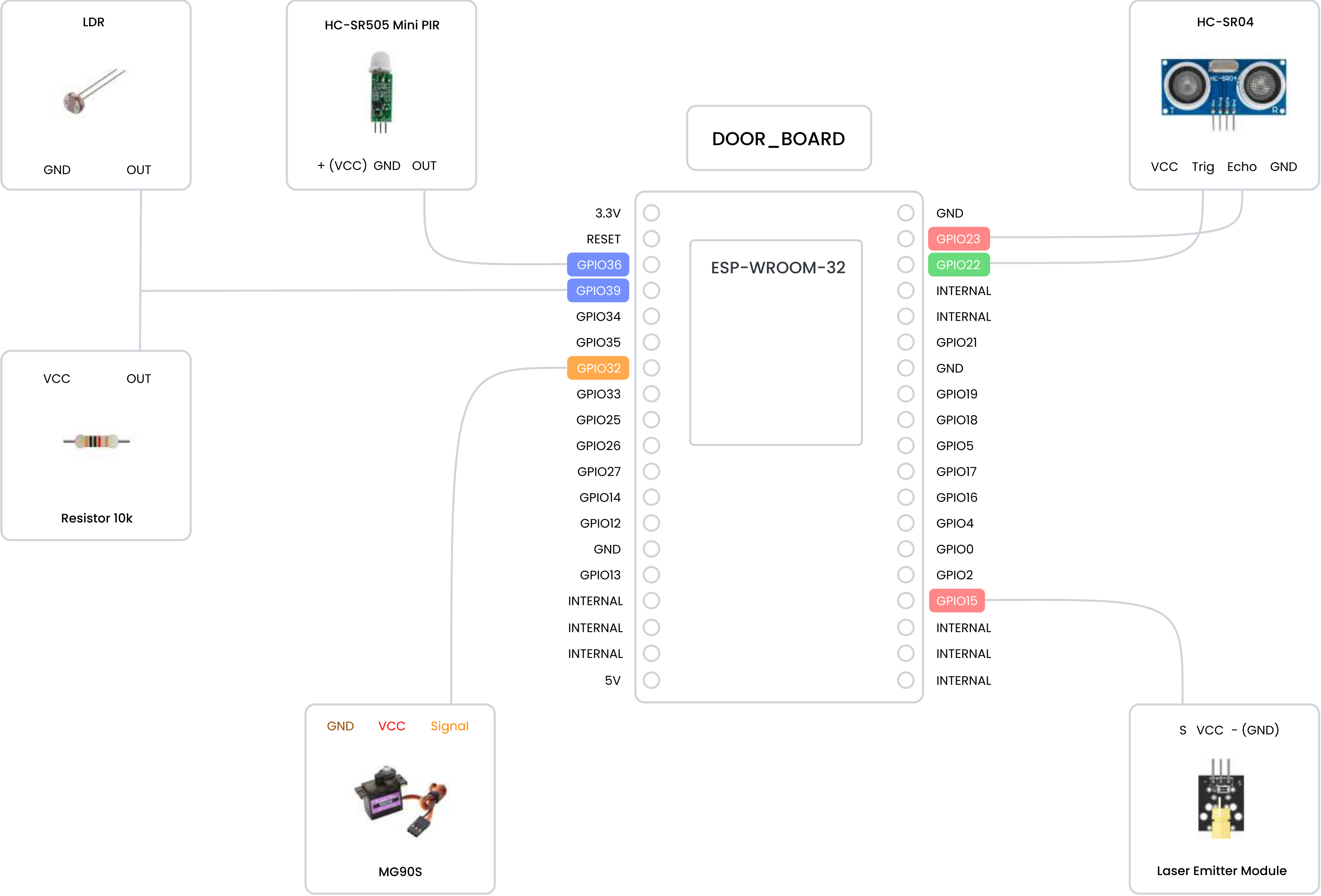


VCC Trig Echo GND

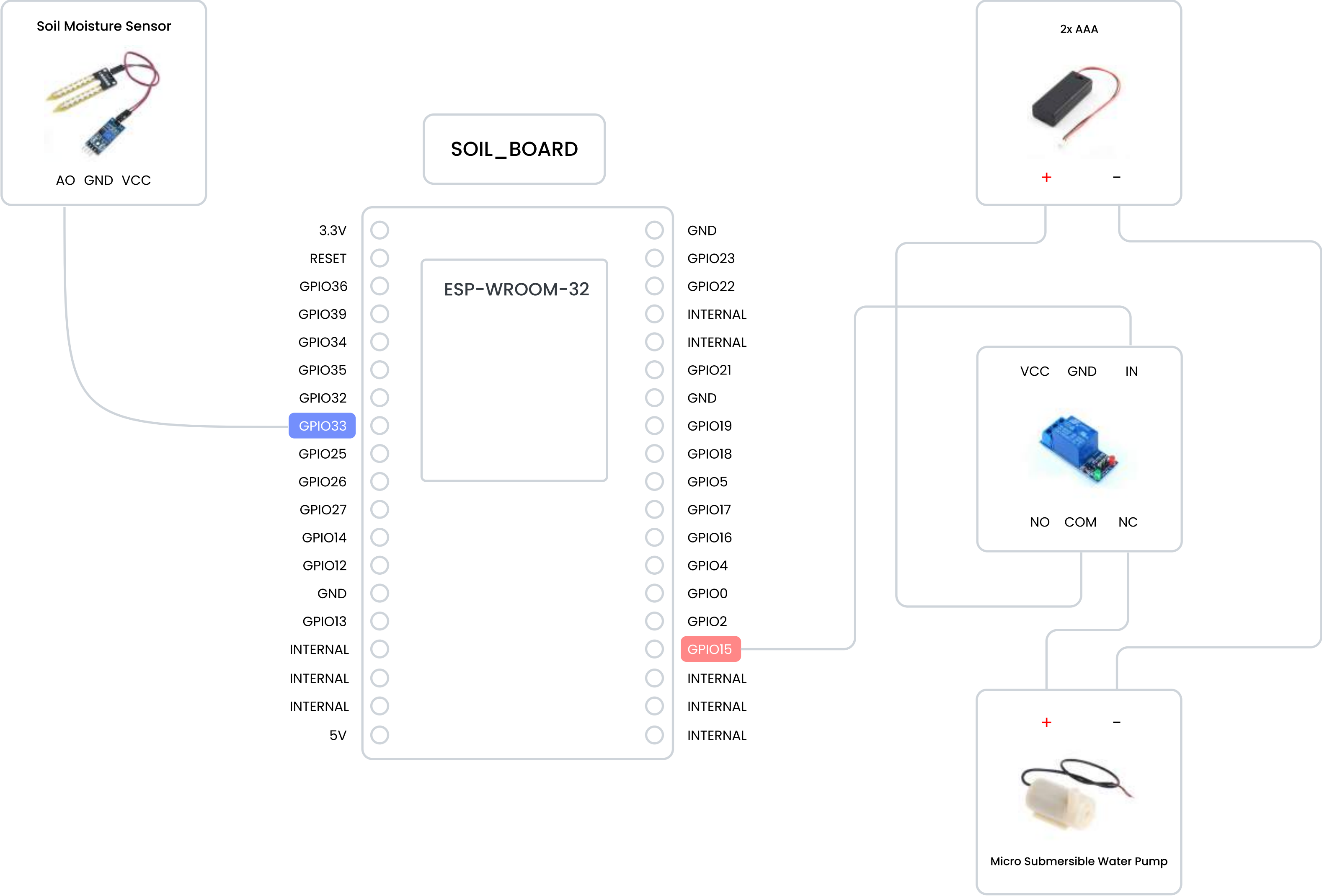
GND DATA VCC



DHT11



- INPUT DIGITAL
- INPUT ANALOG
- OUTPUT DIGITAL
- OUTPUT PWM



- INPUT DIGITAL
- INPUT ANALOG
- OUTPUT DIGITAL
- OUTPUT PWM

