
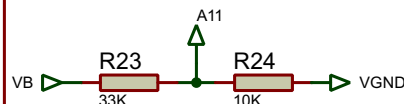


## BATERIA



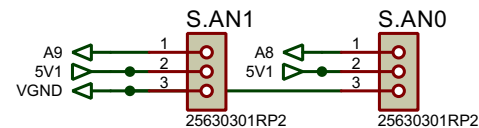
The diagram shows a circuit with a voltage source  $V_B$  connected to a resistor  $R_{23}$  (33K). The other end of  $R_{23}$  is connected to a node labeled  $A_{11}$ . This node is also connected to a resistor  $R_{24}$  (10K). The other end of  $R_{24}$  is connected to a voltage source  $V_{GND}$ . The resistors  $R_{23}$  and  $R_{24}$  are highlighted with red boxes.



## Analogos

The diagram illustrates the connection of two 25630301RP2 chips, labeled S.AN1 and S.AN0. Each chip has three pins: 1 (A9), 2 (5V1), and 3 (VGND). The connections are as follows:

- Pin 1 of S.AN1 is connected to Pin 1 of S.AN0 (green line).
- Pin 2 of S.AN1 is connected to Pin 2 of S.AN0 (red line).
- Pin 3 of S.AN1 is connected to Pin 3 of S.AN0 (green line).



## SENSOR STHX TEM/HUM

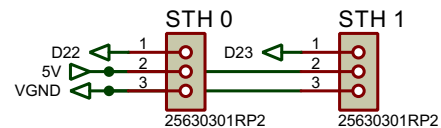
Diagram illustrating the wiring for the STHX TEM/HUM sensor module. The module is connected to the D22, D23, 5V, and VGND pins of the microcontroller.

The sensor module is labeled **STH 0** and **STH 1**. The pins are numbered 1, 2, and 3.

Connections:

- Pin 1 of STH 0 is connected to D22.
- Pin 2 of STH 0 is connected to 5V.
- Pin 3 of STH 0 is connected to VGND.
- Pin 1 of STH 1 is connected to D23.
- Pin 2 of STH 1 is connected to 5V.
- Pin 3 of STH 1 is connected to VGND.

The modules are identified as **25630301RP2**.



# SENSOR HOJA

5V1

R70  
47K

A2

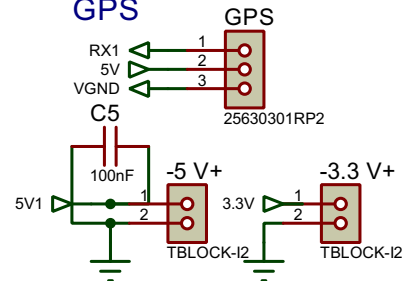
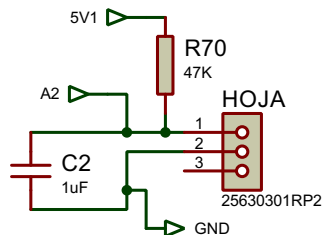
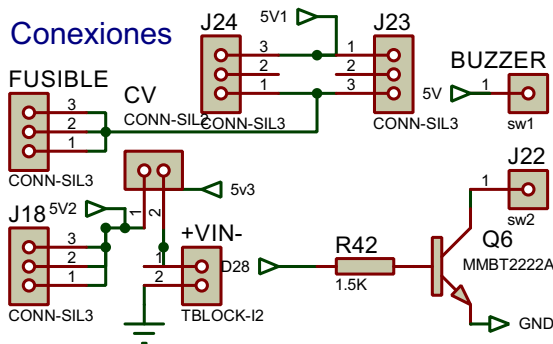
C2  
1uF

HOJA

1  
2  
3

25630301RP2

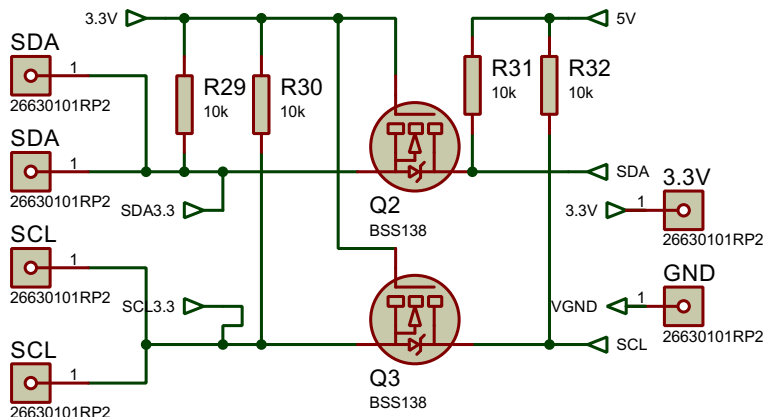
GND

[illegible]

## SENSOR FLORA

The diagram illustrates the wiring for a Sensor Flora module. It shows the following components and connections:

- Power Supply:** A 3.3V pin and a 5V pin are shown at the top. The 3.3V pin is connected to the SDA3.3 and SCL3.3 pins on the right. The 5V pin is connected to the SDA 3.3V and GND pins on the right.
- Resistors:**
  - R29 (10k) is connected between the 3.3V pin and the SDA3.3 pin.
  - R30 (10k) is connected between the 3.3V pin and the SCL3.3 pin.
  - R31 (10k) is connected between the 5V pin and the SDA 3.3V pin.
  - R32 (10k) is connected between the 5V pin and the GND pin.
- Transistors:**
  - Q2 (BSS138) is connected between the 3.3V pin and the SDA 3.3V pin.
  - Q3 (BSS138) is connected between the 5V pin and the GND pin.
- Other Components:**
  - SDA, SCL, SDA3.3, SCL3.3, SDA 3.3V, and GND pins are shown on the left and right sides of the diagram.
  - SDA3.3 and SCL3.3 pins are connected to the 3.3V pin.
  - SDA 3.3V and GND pins are connected to the 5V pin.



# EXTRACTOR

5V

D5  
1N4148

COOLER

1 2

TBLOCK-I2

5V

D31

D29

VGND

SEN.PLU

4 3 2 1

25630401RP2

D25

R33  
5.1k

Q4  
2N3904

C1  
100uF

RGB

4 3 2 1

SCL3.3

SDA3.3

3.3V

GND

25630401RP2

