

Alimentación

The power supply section (Alimentación) includes a voltage divider (U3: AMS1117-5) that converts VCC to +5V. This +5V is then regulated to +3V3 by U4 (AP2112K-3.3). The +3V3 is used to power the LED1 through a current-limiting resistor R1 (470Ω). A battery (J7: Batt) is connected to VCC. Various capacitors (C4, C6, C12, C13, C14) are used for decoupling and filtering.

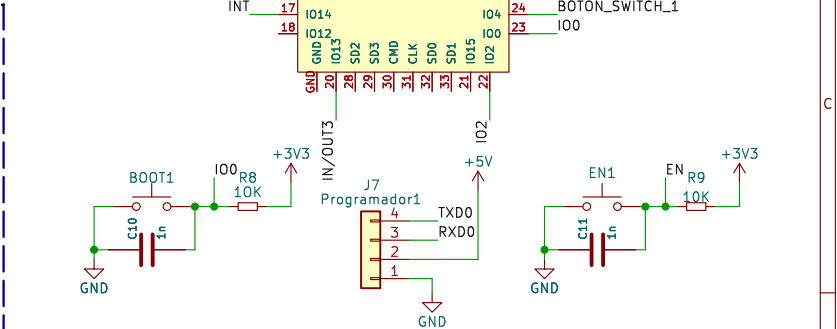
Drivers TB67H451AFNG

Salidas para sensores

The diagram illustrates the wiring for eight sensor connectors (J1-J8) on a PCB. Each connector has four pins labeled 1, 2, 3, and 4. The connections are as follows:

- J9 (M1):** Pin 1 to OUT_B_M1, Pin 2 to OUT_A_M1.
- J8 (M2):** Pin 1 to OUT_B_M2, Pin 2 to OUT_A_M2.
- J1 (Sensor1):** Pin 1 to +5V, Pin 2 to GND, Pin 3 to OUT1_SENSOR, Pin 4 to IN1_SENSOR.
- J2 (Sensor2):** Pin 1 to +5V, Pin 2 to GND, Pin 3 to OUT2_SENSOR, Pin 4 to IN2_SENSOR.
- J3 (Sensor3):** Pin 1 to +5V, Pin 2 to GND, Pin 3 to OUT3_SENSOR, Pin 4 to IN3_SENSOR.
- J4 (Sensor4):** Pin 1 to +5V, Pin 2 to GND, Pin 3 to IN/OUT1.
- J5 (Sensor5):** Pin 1 to +5V, Pin 2 to GND, Pin 3 to IN/OUT2.
- J6 (Sensor6):** Pin 1 to +5V, Pin 2 to GND, Pin 3 to IN/OUT3.

Legend: H1 (red circle), H2 (red circle).

[illegible]

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