

J0
36V DC Battery

36V 1
12V 2
5V 3
4
GND

Wiring diagram for the J5 header of the NX4832T035 module:

- Pin 1: 5V
- Pin 2: LCD_RX
- Pin 3: LCD_TX
- Pin 4: GND

The diagram shows the pin connections for the ESP32-DEVKIT-V1 (U1) module. The connections are as follows:

- VIN** (Pin 30) is connected to **5V**.
- EN** (Pin 16) is connected to **3.3V**.
- VP** (Pin 17) is connected to **3.3V**.
- VN** (Pin 18) is connected to **3.3V**.
- D2** (Pin 4) is connected to **MQ135**.
- D4** (Pin 5) is connected to **3.3V**.
- D5** (Pin 8) is connected to **3.3V**.
- D12** (Pin 27) is connected to **3.3V**.
- D13** (Pin 28) is connected to **3.3V**.
- D14** (Pin 26) is connected to **3.3V**.
- D15** (Pin 3) is connected to **DHT22**.
- D18** (Pin 9) is connected to **3.3V**.
- D19** (Pin 10) is connected to **3.3V**.
- D21** (Pin 11) is connected to **3.3V**.
- RX0** (Pin 12) is connected to **ESP32_CAM_TX**.
- TX0** (Pin 13) is connected to **ESP32_CAM_RX**.
- RX2** (Pin 6) is connected to **LCD_TX**.
- TX2** (Pin 7) is connected to **LCD_RX**.
- D22** (Pin 14) is connected to **3.3V**.
- D23** (Pin 15) is connected to **3.3V**.
- D25** (Pin 23) is connected to **EN_RIGHT**.
- D26** (Pin 24) is connected to **EN_LEFT**.
- D27** (Pin 25) is connected to **EN_BACK**.
- D32** (Pin 21) is connected to **SEN0257**.
- D33** (Pin 22) is connected to **YF-S201**.
- D35** (Pin 20) is connected to **3.3V**.
- D34** (Pin 19) is connected to **3.3V**.
- GND** (Pin 29) is connected to **GND**.

Diagram illustrating the pin connections for the ESP32-CAM module. The module is shown with pins labeled PS1 through PS8 on the left and PS16 through PS9 on the right. The connections are as follows:

- PS1: 5V
- PS2: GND
- PS3: I012
- PS4: I013
- PS5: I015
- PS6: I014
- PS7: I02
- PS8: I04
- PS16: 3V3
- PS15: I016
- PS14: I00
- PS13: GND
- PS12: 3V3
- PS11: I03/U0R
- PS10: I01/U0T
- PS9: GND

The module is labeled ESP32-CAM. The connections for the camera module are also shown: ESP32_CAM_RX and ESP32_CAM_TX.