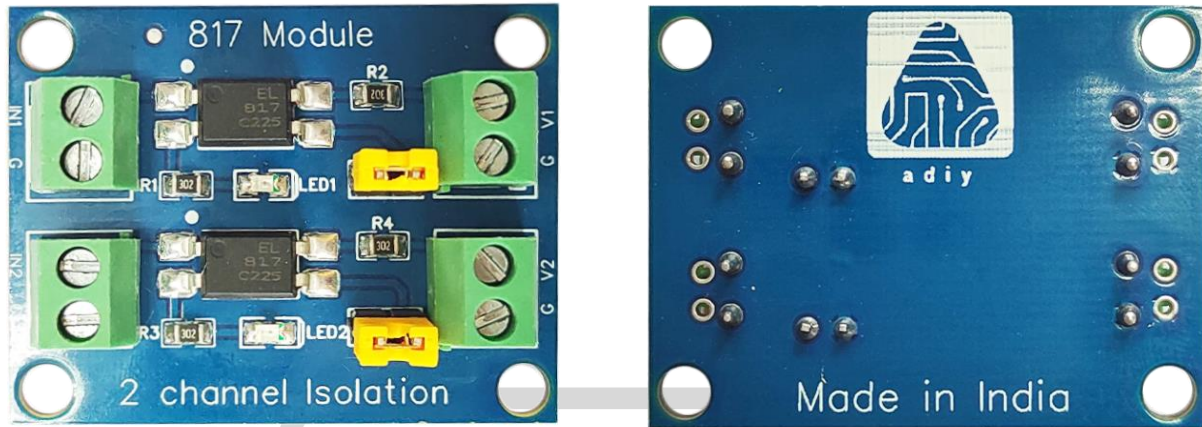


2 Channel Optocoupler Isolation Module



Description:

ADIY PC817 2 Channel Optocoupler Isolation Board. Onboard with 4-Channel PC817 are independent, so they can achieve different voltage control at the same time. Using 4-way PC817 optocoupler, to achieve the control signal and the control signal isolation, you can directly use the microcontroller or other devices IO port to achieve the voltage isolation control, you can achieve a small voltage control, the control side can be an external transistor MOS tube or different voltage levels of the device interface.

Features:

1. Driving Port Signal Voltage: 3.6-24V
2. Output Port Voltage Port: 3.6-30V
3. Output can be switched from Pull-Up or Pull-Down with Jumpers.

Note:

There is a jumper for each channel. If the jumper is connected, the G pins of input and output are connected to each other. But if the jumper is not connected, the two pins are separate.

Specifications:

1. No. of Channels: 2
2. Input Voltage (V): 3.6-24DC
3. Output Voltage (V): 3.6-30DC
4. Length (mm): 38
5. Width (mm): 29
6. Height (mm): 12
7. Weight (gm): 5

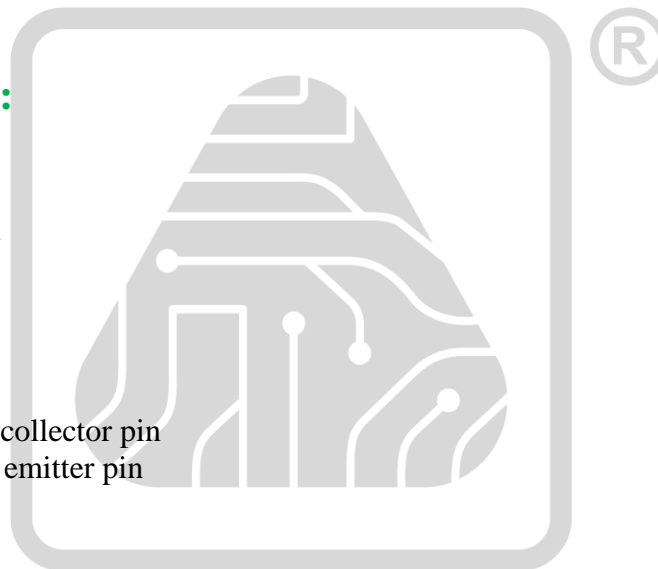
Pin Description:

Input pins:

IN : Input 5V to 30V
GND: Ground

Output Pins:

OUT: Phototransistor collector pin
GND: Phototransistor emitter pin



Applications:

- I/O isolation for MCUs (Micro Controller Units)
- Noise Suppression in Switching Circuits
- Signal Transmission Between Circuits of Different Potentials and Impedances