

Relay 8 Channels 5V with LED

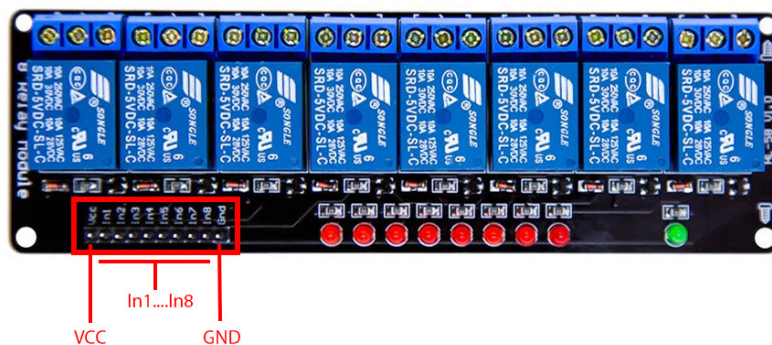


Features:

The 8-Channel 5V Relay Module with LED is designed for high-power switching of AC and DC loads, supporting AC250V/10A and DC30V/10A per channel. Each channel can be configured for low-level or high-level triggering using a jumper. Equipped with 8550 transistors for reliable driveability, LED indicators for power and relay status, and fixed bolt holes for easy installation, this module is suitable for home automation, industrial equipment, IoT systems, smart irrigation, and security projects. Its simple 3-line interface makes it easy to integrate with microcontrollers like Arduino, Raspberry Pi, and ESP8266.

Specifications	
Channels	8
Input Voltage	5VDC
Output Voltage	AC250V / DC30V
Output Current	10A Max per channel
Trigger Type	Low-Level / High-Level (configurable via jumper)
Trigger Current	5mA
Driver	8550 Transistors
LED Indicators	Power LED (Green), 8 Relay Status LEDs (Red)
Interface	Single-chip IO, 3-line structure
Dimensions	138 x 43 x 17 mm
Weight	102 g
Storage Temperature	-65 to 125°C
Operating Temperature	-40 to 85°C
Usage	Home automation, industrial machinery, IoT projects, smart irrigation, security systems

Pinouts:



Pin Name	Type	Description
VCC	Power Input	5V positive supply
GND	Power Input	Ground
IN1	Signal Input	Relay channel 1 trigger (low/high level via jumper)
IN2	Signal Input	Relay channel 2 trigger (low/high level via jumper)
IN3	Signal Input	Relay channel 3 trigger (low/high level via jumper)
IN4	Signal Input	Relay channel 4 trigger (low/high level via jumper)
IN5	Signal Input	Relay channel 5 trigger (low/high level via jumper)
IN6	Signal Input	Relay channel 6 trigger (low/high level via jumper)
IN7	Signal Input	Relay channel 7 trigger (low/high level via jumper)
IN8	Signal Input	Relay channel 8 trigger (low/high level via jumper)

Product Pictures:

