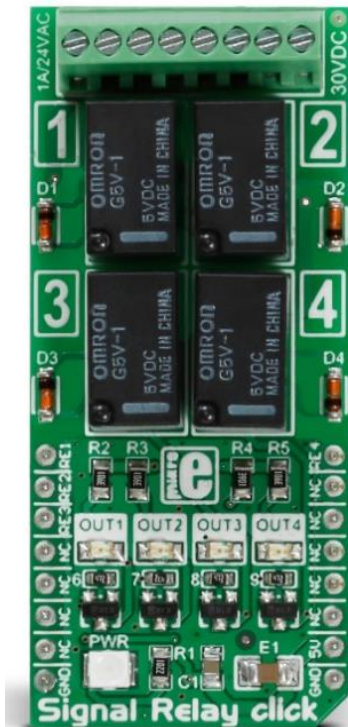


Signal Relay click



PID: MIKROE-2154

RS Product Code: [136-0802](#)

Signal Relay click can be used for ON/OFF control in various devices. It carries four ultra-small GV5-1 PCB relays from Omron and runs on a 5V power supply. Signal Relay click communicates with the target MCU over the following mikroBUS pins: AN, RST, CS and PWM.

Maximum continuous current

The relay contacts are designed for a maximum of 1A of continuous current. The Signal Relay click board is configured so that the switch circuit supply a maximum of 24VAC/30VDC voltage of a power supply source.

LED

Each GV5-1 relay has its own LED on the board that signalizes whether the relays is switched on or off.

Application

ON/OFF control in various home automation devices, like alarm units, lamps, heaters, etc. It can also be used for energizing coils of bigger relays and contactors in industrial AC schemes (12/24V).

Key features

- GV5-1 relay
- Power switching from 1 mA to 1 A
- 150 mW nominal coil power consumption
- Maximum contact resistance 100 mΩ
- 4 pairs of screw terminals
- Interface: AN, RST, CS and PWM pin
- 5V power supply

Specification

Product Type	Relay
Applications	ON/OFF control in various home automation devices, like alarm units, lamps, heaters, etc. It can also be used for energizing coils of bigger relays and contactors in industrial AC schemes (12/24V)
On-board modules	GV5-1 PCB relays from Omron
Key Features	Power switching from 1 mA to 1 A, Maximum contact resistance 100 mΩ, 150 mW nominal coil power consumption
Key Benefits	4 pairs of screw terminals
Interface	PWM
Power Supply	5V
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Weight	45g

Downloads

[Signal Relay click Examples](#)

[Signal Relay click Documentation](#)