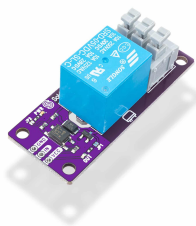


PRODUCT DATASHEET



1-Channel Relay Board

333024

Control high voltage devices easily with this 1-channel relay board, perfect for Arduino and Dasduino projects.

Full product documentation, files and tutorials: solde.red/333024

CORE ATTRIBUTES

SKU **333024**

WEIGHT **18 g**

BARCODE **732388674008**

DESCRIPTION

Did you ever want to turn on and off a device that needs large current or voltage? Whether operating on DC or AC, a relay is what you need. A relay is an electronic switch that is activated by a signal we send from a Dasduino or Arduino. This module further simplifies the whole process, because it contains everything you need for the relay to work, and you just have to connect it to the microcontroller and power supply. You don't even have to think about voltages and currents, insulation between high and low voltage or grounding, everything is already taken care of on the board.

TECHNICAL DETAILS

- **Max. DC voltage and current:** 30V, 10A
- **Max. AC voltage and current:** 250V, 10A
- **Number of relays:** 1 relay
- **Dimensions:** 54 × 22 mm / 2.1 × 0.9 inch

SPECIFICATIONS

INTERFACE	Digital Gpio
QWIIC COMPATIBLE	No
BREADBOARD COMPATIBLE	Yes
IC PART NUMBER	SRD-05VDC-SL-C
SUPPLY VOLTAGE MIN V	5
SUPPLY VOLTAGE MAX V	5
LOGIC LEVEL	

	3V3 Or 5V
MAX OUTPUT CURRENT A	10

LINKS

Open Source Hardware Files	https://github.com/SolderedElectronics/1-channel-relay-board-hardware-design
Full Documentation	https://docs.soldered.com/relay/overview/
Arduino: Get Started	https://docs.soldered.com/relay/arduino/getting-started/
Hardware Details	https://docs.soldered.com/relay/hardware/
Arduino Library Documentation	https://docs.soldered.com/relay/arduino/regular-example/
mim_package	https://checkmim.com/packages/solderedelectronics+Soldered-Relay-MicroPython-Library
MicroPython Module	https://github.com/SolderedElectronics/Soldered-Relay-MicroPython-Library
Pinout	https://cms.soldered.com/products/333024/media/333024_pinout-png_3e985f.svg

GALLERY

