Relay 4 Click

PID: MIKROE-5539

Relay 4 Click is a compact add-on board with a general-purpose relay that any host MCU can control. This board features the J1031C3VDC, high-current single-pole double-throw (SPDT) signal relay from CIT Relay and Switch. Highly sensitive, the J1031C3VDC offers a low coil power consumption in a small, lightweight package with PC pin mounting. It comes with a dimension of 12.5x7.5x10 millimetre (LxWxH) and a 1C contact arrangement with a coil voltage of 3VDC, providing a switching voltage of 125VAC/60VDC maximum. This Click board™ is suitable for controlling high-power applications.

Relay 4 Click is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board™ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS™ socket.

Mikroe produces entire development toolchains for all major microcontroller architectures.
Committed to excellency, we are dedicated to helping engineers bring the project development up to speed and achieve outstanding results.

ISO 27001: 2013 certification of informational security management system.
ISO 14001: 2015 certification of environmental management system.
OHSAS 18001: 2008 certification of occupational health and safety management system.

ISO 9001: 2015 certification of quality management system (QMS).

Specifications

Type	Relay
Applications	Can be used for controlling high-power applications
On-board modules	J1031C3VDC - general-purpose signal relay from CIT Relay and Switch
Key Features	Low power consumption, reliable switching, high current, hig sensitivity, PC board mounting, SPDT configuration, relay activity indicators, and more
Interface	GPIO
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click boards™

Downloads

J1031C3VDC datasheet

Relay 4 click 2D and 3D files

Relay 4 click schematic

Relay 4 click example on Libstock