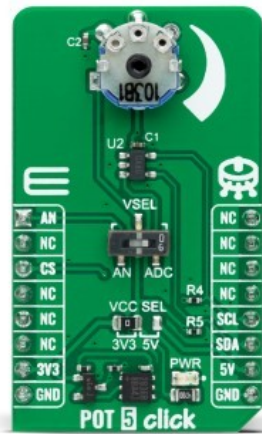


## POT 5 Click



PID: MIKROE-5445

**POT 5 Click** is a compact add-on board with accurate selectable reference voltage output. This board features the [PDB081-P10-103B1](#), a high-quality 8mm micro rotary 10k potentiometer from [Bourns](#). The PDB081-P10-103B1 potentiometers operate over a wide temperature range, withstanding 50V maximum voltage. This rotary potentiometer offers 5Ω maximum resistance, 0.03W power rating, and 100mV maximum sliding noise. This Click board™ can be used in any application that requires an analog or digitized control voltage, HMI applications, test, measurement, or laboratory equipment.

POT 5 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	Potentiometer
Applications	Can be used for consumer white goods, test and measurement equipment, communications and laboratory equipment, and more
On-board modules	PDB081-P10-103B1 - 8mm micro rotary 10k potentiometer from Bourns
Key Features	Resistance up to 10k, plastic shaft, low profile, without detent, wide temperature and voltage range, wide mechanical angle, long rotational life, selectable analog or digital output, and more
Interface	Analog,I2C
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[POT 5 click example on Libstock](#)

[POT 5 click 2D and 3D files](#)

[MCP3221 datasheet](#)

[POT 5 click schematic](#)

[PDB081-P10-103B1 datasheet](#)

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