

DIGI POT 11 Click



PID: MIKROE-5318

DIGI POT 11 Click is a compact add-on board representing a digitally controlled potentiometer. This board features a double pack of the [MAX5387](#), a dual, 256-tap, volatile, low-voltage linear taper digital potentiometer from [Analog Devices](#). This way, four digitally I2C-controlled potentiometers are realized with end-to-end resistance values of 50kΩ. Operating from a single +3.3V power supply, this device provides a low 35ppm/°C end-to-end temperature coefficient. This Click board™ can be used as a mechanical potentiometer replacement for the portable consumer market and battery-backup industrial applications.

DIGI POT 11 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	Digital potentiometer
Applications	Can be used as a mechanical potentiometer replacement for the portable consumer market and battery-backup industrial applications
On-board modules	MAX5387 - dual volatile linear taper digital potentiometer from Analog Devices
Key Features	Double dual potentiometers, 256-tap linear taper positions, single 3.3V supply, low power consumption, 50k Ω end-to-end resistance, I2C interface, Power-On sets wiper to midscale, and more
Interface	I2C
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[DIGI POT 11 click example on Libstock](#)

[MAX5387 datasheet](#)

[DIGI POT 11 click 2D and 3D files](#)

[DIGI POT 11 click schematic](#)

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