

# Analog MUX 2 Click



PID: MIKROE-4468

**Analog MUX 2 Click** is a compact add-on board that switches one of the eight inputs to one output. This board features the ADG728, a low voltage, CMOS 8-channel analog matrix switch with a serially controlled 2-wire interface from [Analog Devices](#). The ADG728 can operate equally well as either multiplexer, demultiplexer, or switch array easily connected to a 9 pole spring action block terminal. It provides flexibility and features a low on-resistance closely matched between switches and very flat over the full signal range. This Click board™ is suitable for a wide range of applications, from industrial and instrumentation to medical, consumer, communications, and automotive systems.

DC Motor 17 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	Measurements,Port expander
Applications	Can be used for a wide range of applications, from industrial and instrumentation to medical, consumer, communications, and automotive systems.
On-board modules	ADG728 - low voltage, CMOS 8-channel analog matrix switch with a serially controlled 2-wire interface from Analog Devices
Key Features	8-to-1 matrix switch, low on-resistance, 'Break-Before-Make' switching action, serially controlled, and more.
Interface	Analog,I2C
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

## Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

## Downloads

[Analog MUX 2 click schematic](#)

[Analog MUX 2 click 2D and 3D files](#)

[ADG728 datasheet](#)

[Analog MUX 2 click example on Libstock](#)

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