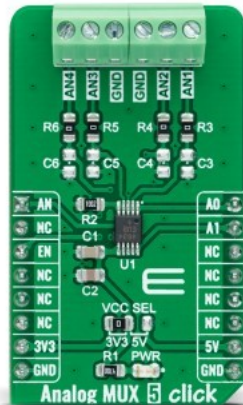


Analog MUX 5 Click



PID: MIKROE-5120

Analog MUX 5 Click is a compact add-on board that switches one of many inputs to one output. This board features the MAX4634, a fast, low-voltage four-channel CMOS analog multiplexer from Analog Devices. This low-voltage multiplexer operates from both mikroBUS™ power rails and features 4Ω maximum ON-resistance (RON). CMOS switch construction allows the processing of analog signals within the supply voltage range. It is also characterized by an easy way of management, only through a couple of signals from the mikroBUS™ socket. This Click board™ is suitable for various applications, from industrial and instrumentation to medical, consumer, communications, and more.

Analog MUX 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	Measurements,Port expander
Applications	Can be used for various applications, from industrial and instrumentation to medical, consumer, communications, and more
On-board modules	MAX4634 - low-on-resistance, low-voltage analog multiplexer from Analog Devices
Key Features	Low power consumption, fast, CMOS switch construction, guaranteed RON, VCC range signal handling, TTL/CMOS-logic compatible, pin-controllable, and more
Interface	Analog,GPIO
ClickID	No
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

[MAX4634 datasheet](#)

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

[Analog MUX 5 click schematic](#)

[Analog MUX 5 click example on Libstock](#)

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