

UART MUX 4 Click



PID: MIKROE-5720

UART MUX 4 Click is a compact add-on board that switches the UART pins (RX and TX) from the mikroBUS™ socket to one of the two available outputs. This board features the 74HC4066D, a quad single-pole, single-throw analog switch from Nexperia. The UART MUX 4 Click allows you to switch from one multiplexed UART to another easily, but not both simultaneously. This Click board™ makes the perfect solution for the development of a wide range of applications, from industrial and instrumentation to consumer, communications, data-acquisition systems, and many more.

UART MUX 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	Port expander,RS232
Applications	Can be used for the development of a wide range of applications, from industrial and instrumentation to consumer, communications, data-acquisition systems, and many more
On-board modules	74HC4066D - quad single-pole, single-throw analog switch from Nexperia
Key Features	Fast turn-ON and turn-OFF times, two output UART interfaces, 3.3V and 5V operation, clamp diodes included on inputs, CMOS level, ESD protection, and more
Interface	UART
ClickID	Yes
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[UART MUX 4 click example on Libstock](#)

[UART MUX 4 click 2D and 3D files](#)

[74HC4066 datasheet](#)

[UART MUX 4 click schematic](#)

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