

## UNI HALL Click



PID: MIKROE-1647

UNI HALL click is a simple solution for adding an unipolar Hall switch to your design. It carries the Melexis [US5881](#) unipolar Hall-effect switch and a 74LVC1T45 single bit, dual supply translating transceiver.

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	Magnetic
Applications	Contactless proximity switch, Liquid level detector and alarm (with a magnet attached to a float), speedometer (inferred from RPM of a rotating wheel) and so on
On-board modules	Melexis US5881 unipolar Hall-effect switch and a 74LVC1T45 single bit, dual supply translating transceiver
Key Features	Hysteresis prevents output oscillation near switching point
Interface	GPIO
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

## Resources

[Click board™ Catalog](#)

[Click Boards™](#)

## Downloads

[UNI HALL click example on Libstock](#)

[UNI HALL click User Manual](#)

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