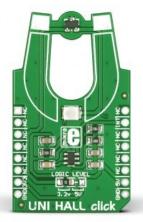MIKROELEKTRONIKA D.O.O, Batajnički drum 23, 11000 Belgrade, Serbia
VAT: SR105917343 Registration No. 20490918
Phone: + 381 11 78 57 600 Fax: + 381 11 63 09 644 E-mail: office@mikroe.com
www.mikroe.com

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.

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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](#)