

Bi Hall Click



PID: MIKROE-1646

Bi Hall click is a simple solution for adding a bipolar Hall switch to your design. It carries the Melexis [US2882](#) bipolar Hall-effect switch and a 74LVC1T45 single bit, dual supply 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	Suitable for any application where alternating north and south poles are used to ensure switching. For example, to measure rotary speed by utilizing a ring magnet
On-board modules	Melexis US2882 bipolar Hall-effect switch and a 74LVC1T45 single bit, dual supply transceiver
Key Features	Sensitive to both north and south pole magnetic fields
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

[Bi Hall click example on Libstock](#)

[Bi Hall click User Manual](#)

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