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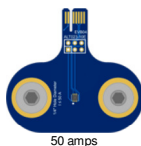
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TMR Current Sensor Evaluation Boards

Three New Boards

We recently launched three new TMR current sensor evaluation boards to let you easily evaluate a wide range of noncontact current sensing:



Better Than Shunts

The current-over-trace configuration provides inherent isolation and is more efficient than a shunt.

Simple Connections

The evaluation boards have a sensor plus screw terminals for current connections, a standard 0.1-inch header for sensor connections, and a 1 mm pitch card-edge connector.

Succinct Documentation

The boards come with business-card size guides with pinouts and specifications. QR codes provide datasheet links.

Revolutionary Sensor

The boards are based on the revolutionary [ALT023-10E](#) TMR magnetometer, which is ideal for noncontact current sensing:

- **Ultrasensitive**
The ALT023 is an order of magnitude more sensitive than GMR, with a remarkable 200 mV/V/mT sensitivity, which translates to one to two volts at full-scale current on a 3.3 or 5 volt supply. The sensors can directly interface to analog front ends or microprocessor analog inputs. The ±1 MT linear range is ideal for noncontact current sensing.
- **High Linearity**
With a typical linearity of 0.2%, the ALT023 provides a precise output.
- **Ultraminiature/Low Pin Count**
The ALT023 is a TMR bridge sensors that uses just four pins for power and a differential output. The sensor comes in an ultraminiature 2.5 x 2.5 mm DFN.

[Download the ALT023-10 Datasheet »](#)

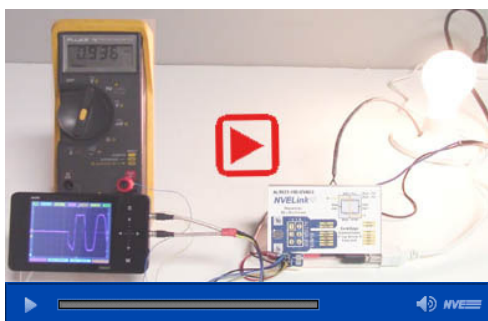
Boards in Stock

All three boards are [in stock](#) for immediate delivery:

Evaluation Board <small>(click for more information)</small>	Configuration	Range	Isolation
ALT023-10E-EVB02	5 traces on inner-1 layer	0 – 1 A	>2500 V
ALT023-10E-EVB03	Trace on inner-1 layer	0 – 7 A	>2500 V
ALT023-10E-EVB04	Trace on bottom of board	0 – 50 A	>10 kV

Demonstration Video

This video “sheds some light” on noncontact TMR current sensing by demonstrating all three boards:



Buy Online
\$9.95 shipping