

ADT923 3 V TMR Magnetic Switch Demo Board with Lithium Battery (AG040T)

This self-contained, battery-powered miniature demonstration board shows the sensitivity and remarkably low power consumption of ADT9xx magnetic sensors.

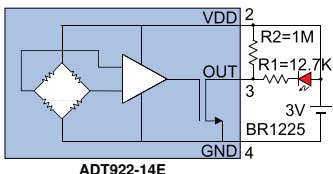
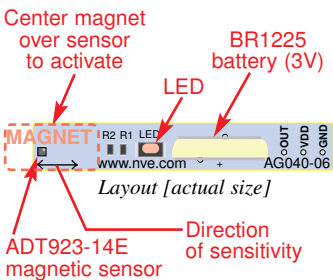
Quiescent current is low enough that the battery will last several years if the LED is only occasionally activated.

ADT923 sensor features include:

- Flexible supply (2.4 to 4.2 V)
- Ultralow power (1 μ A typ.)
- High sensitivity (3.2 mT)
- High speed (50 kHz)
- Small (1.1 x 1.1 x 0.35 mm)

The kit contains:

- A 0.25 x 1.6 inch (6 x 40 mm) evaluation board with an ADT923 sensor, a 3-volt battery, and an LED.
- A 0.5 x 0.25 x 0.125 inch (13 x 6 x 3 mm) ferrite bar magnet to actuate the sensor.



Note that oscilloscopes or meters might load the high-impedance output.