

## ADL021 Magnetic Sensor Demo Board (AG040C; no battery)

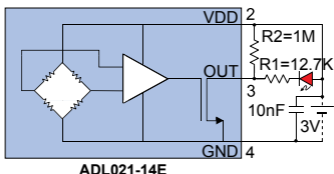
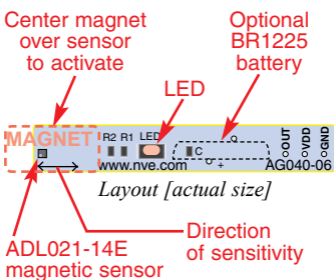
This miniature, ultrasensitive magnetic switch demonstration board provides a digital output and can be powered from a 3.3 volt supply. The board is based on an ADL021 magnetic sensor. ADL021 features include:

- Extremely sensitive (20 Oe)
- Flexible supply (2.4 - 3.6V)
- Extremely low power (100 nA typical)
- Ultraminiature (1.1 mm x 1.1 mm x 0.45 mm)

The kit contains:

- A 0.25 x 1.6 inch (6 x 40 mm) board with an ADL021 sensor, LED, and pull-up resistor.
- A 0.5 x 0.25 x 0.125 inch (13 x 6 x 3 mm) Alnico8 bar magnet (other magnet types and orientations can also be used)
- This manual.

The board also accommodates an optional BR1225 3-volt battery, which is included in the self-contained AG040B model board.



*Schematic*

SB-00-053