HALL EFFECT SENSOR BREAKOUT WITH ANALOG OUTPUT & EASYC

Weight	4 g
Description	a

DESCRIPTION

The Hall effect sensor breakout with analog output is a versatile and reliable sensor module designed to detect and measure magnetic fields. It utilizes the Hall effect principle, where the presence of a magnetic field induces a voltage proportional to the strength and direction of the field.

This sensor module features an analog output, which provides a continuous voltage signal that varies in response to changes in the magnetic field. The analog output allows for precise and real-time monitoring of magnetic field strength. It is commonly used in applications such as position sensing, current sensing, and speed detection.

The module is typically powered with a supply voltage ranging from 2.25V to 5V, making it compatible with a wide range of systems.

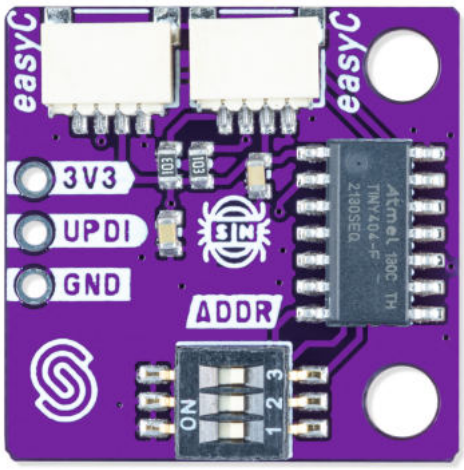
FEATURES

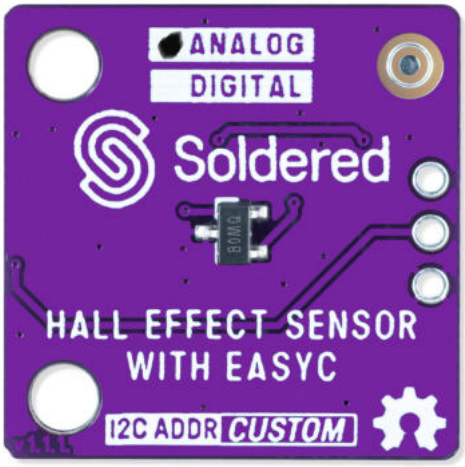
- Logic voltage level: 0V - 5V
- Operating voltage: 2.25V - 5V
- Sensor: SI7211-B-00-IV
- Output: analog
- IC: ATTiny404
- easyC connectors
- Mounting holes: 2
- Dimensions: 22 x 22 mm / 0.9 x 0.9 inch

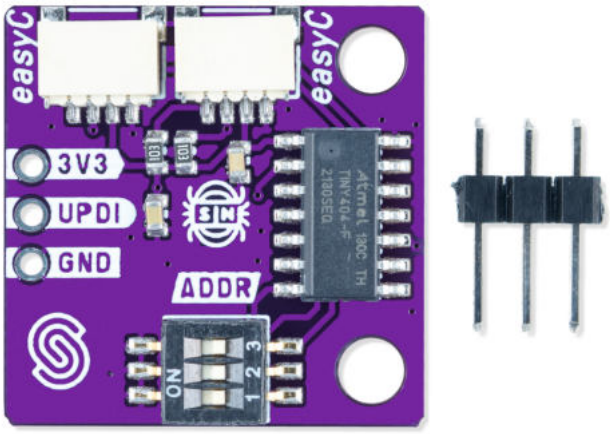
USEFUL LINKS

- Arduino library
- Pinout
- Datasheet
- Open-Source hardware files

OTHER IMAGES







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