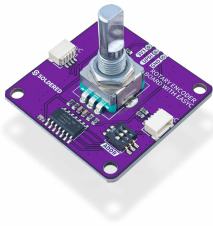


PRODUCT DATASHEET



Rotary Encoder Board With Qwiic

333188

The Rotary Encoder Board simplifies digital control with easy integration via qwiic technology for precise input from rotary encoders.

Full product documentation, files and tutorials: solde.red/333188

CORE ATTRIBUTES

SKU **333188**WEIGHT **11 g**BARCODE **732388662906**

DESCRIPTION

Unleash the potential of digital control with our Rotary Encoder breakout board. Compact and powerful, this module makes working with rotary encoders easy. Rotary encoders are versatile input devices that convert angular position or button movement into digital signals. With the ability to detect direction and distance of rotation, they are perfect for controlling a variety of equipment such as volume knobs on audio devices, motors in robotics, or navigation controls in user interfaces.

Our breakout board simplifies the use of rotary encoders by utilizing qwiic technology, making it easily connectable with microcontrollers or other circuits. It accepts input from a rotary encoder and translates it into signals that your microcontroller can interpret. In addition to the aforementioned rotary encoder module, the board also features a small ATTiny404 microcontroller, as well as a switch for selecting the I2C address. This breakout board comes with 2 qwiic connectors for easy plug-and-play into the qwiic system. If you don't want to use qwiic, the module can also be used via standard headers.

TECHNICAL DETAILS

- **Input voltage:** 3.3V
- **Rotary encoder PN:** EC11E1534408
- **Microkontroller:** ATTiny404
- **Signal translation for easy microcontroller interpretation**
- **qwiic connectors**
- **Dimensions:** 38 × 38 mm / 1.5 × 1.5 inch

SPECIFICATIONS

INTERFACE

I2C

QWIIC COMPATIBLE	Yes
I2C ADDRESS DEFAULT	0x30
I2C ADDRESS CHANGEABLE	Yes
BREADBOARD COMPATIBLE	Yes
MCU PART NUMBER	ATTINY404

LINKS

Arduino Library	https://github.com/SolderedElectronics/Soldered-Rotary-Encoder-With-easyC-Arduino-Library
Full Documentation	https://docs.soldered.com/rotary-encoder/overview/
Arduino: Get Started	https://docs.soldered.com/rotary-encoder/arduino/getting-started/
Hardware Details	https://docs.soldered.com/rotary-encoder/hardware/
Arduino Library Documentation	https://docs.soldered.com/rotary-encoder/arduino/examples/
Pinout	https://docs.soldered.com/assets/images/rotary-encoder-easyc-f9f344d20827c44b6cebdc079943badb.png

GALLERY

