SOLDERED

DIGIPOT 100K MCP4018 BREAKOUT

Weight 5 g

Description

DESCRIPTION

A digital potentiometer is a device identical to a potentiometer, except that instead of a physical rotating part that adjusts the resistance, it uses digital communication. Namely, the resistance of the digital potentiometer is adjusted via I2C communication.

Our module is based on the MCP4018 IC which has a total of 128 steps between 0 and 100k resistance values. This would mean that it is capable of doing resistance steps of approximately 781 ohms. It is controlled via I2C which makes it extremely easy to use.
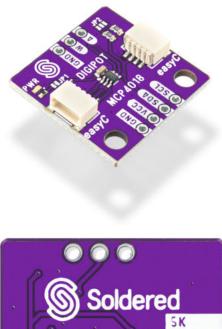
FEATURES

- Voltage: 1.8V - 5V
- Potentiometer resistance: 100k
- Wiper resistance: 100ohm
- Dimensions: 22 x 22 mm / 0.9 x 0.9 inch

USEFUL LINKS

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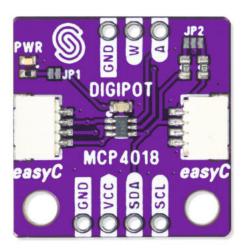- Pinout
- Datasheet
- Open-Source Hardware files

OTHER IMAGES

Weight   5 g

Description