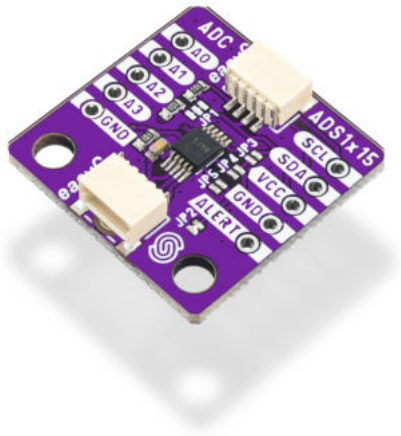
ADC 12-BIT ADS1015 4-CHANNEL WITH PGA BREAKOUT



Weight 5 g

DESCRIPTION

ADC (Analog Digital Converter) is a device that reads analog signals (just like the analogRead () function in Arduino IDE) and converts them into digital signals that can be read by a microcontroller. This breakout is based on the ADS1015 ADC, which reads values in 12-bit resolution, receives a maximum of 3.3V on its inputs and has a total of 4 channels (which can also be used as two differential). Works great with any microcontroller at 5V. It has 2 easyC connectors for easier connection on I2C communication.

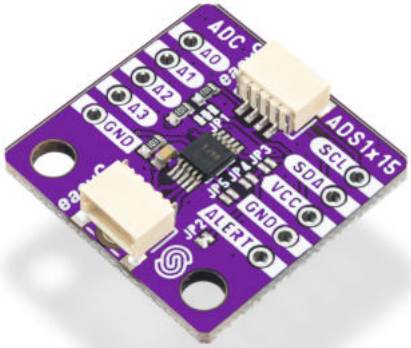
FEATURES

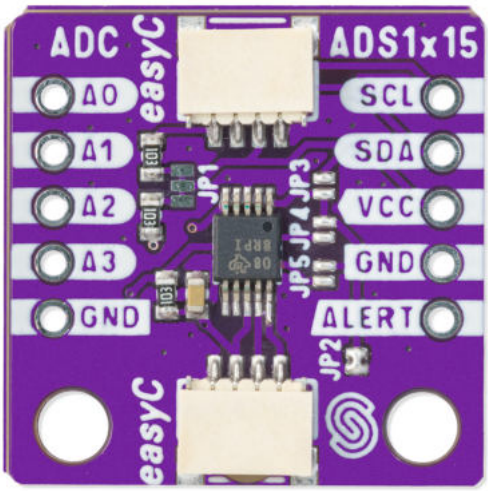
- Voltage: 3.3V
- Resolution: 12-bit
- Number of channels: 4
- I2C communication
- Dimensions: 22 x 22 mm / 0.9 x 0.9 inch

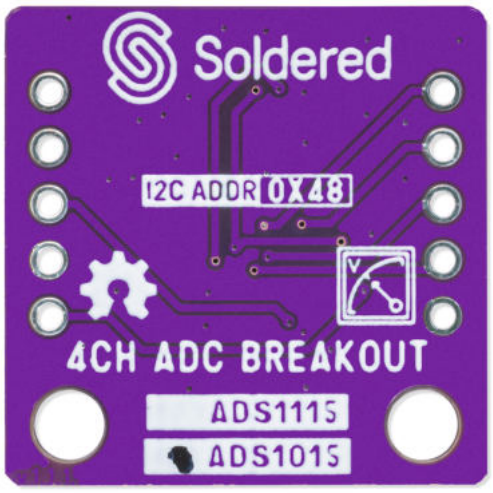
USEFUL LINKS

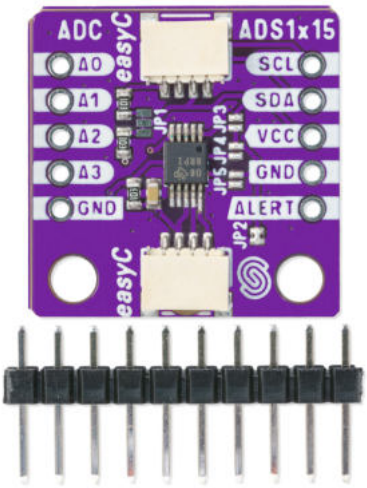
- Arduino library
- Datasheet
- Open-Source Hardware files

OTHER IMAGES


ADC
A0
A1
A2
A3
GND
ADS1x15
SCL
SDA
VCC
GND
ALERT


ADC
A0
A1
A2
A3
GND
easyC
ADS1x15
SCL
SDA
VCC
GND
ALERT
JP1
JP2
JP3
JP4
JP5


Soldered
I2C ADDR 0X48
4CH ADC BREAKOUT
ADS1115
ADS1015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