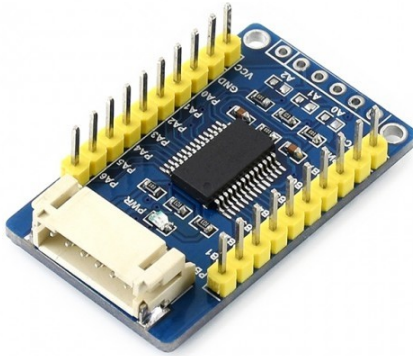


MCP23017 IO Expansion Board



Artikel-Nr.:	BO-MCP23017
Hersteller:	Waveshare
EAN:	614961953222
Herkunftsland:	China
Zolltarifnummer:	85444290
Gewicht:	0.011 kg

Overview

The MCP23017 IO Expansion Board expands 2 signal pins as 16 I/O pins based on the I2C bus, up to 8 MCP23017 IO Expansion Board can be used at the same time, providing up to 128 I/O pins, it is compatible with both 3.3V and 5V levels.

Features

- I2C controlled, expands 2 signal pins as 16 I/O pins
- I2C address configurable by shorting the A0/A1/A2 jumpers
- Provides two connector options: PH2.0 terminal and/or solder pads, allows multi I2C modules to be stacked
- Onboard voltage translator, compatible with 3.3V/5V level
- Comes with development resources and manual (examples for Raspberry Pi / micro:bit / Arduino / STM32)

Specifications

- Operating voltage: 5V/3.3V
- Interface: I2C
- Interrupt pins: INTA, INTB
- Expansion I/Os: 16
- Dimension: 38mm × 23mm
- Mounting hole size: 2.0mm

Lieferumfang

- MCP23017 IO Expansion Board x1
- PH2.0 20cm 6Pin x1

Development Resources

Wiki : www.waveshare.com/wiki/MCP23017_IO_Expansion_Board

