

New
2025



5V to 3V3
LDO

Voltage
Select
5V 3V3

PCA9671
GPIO

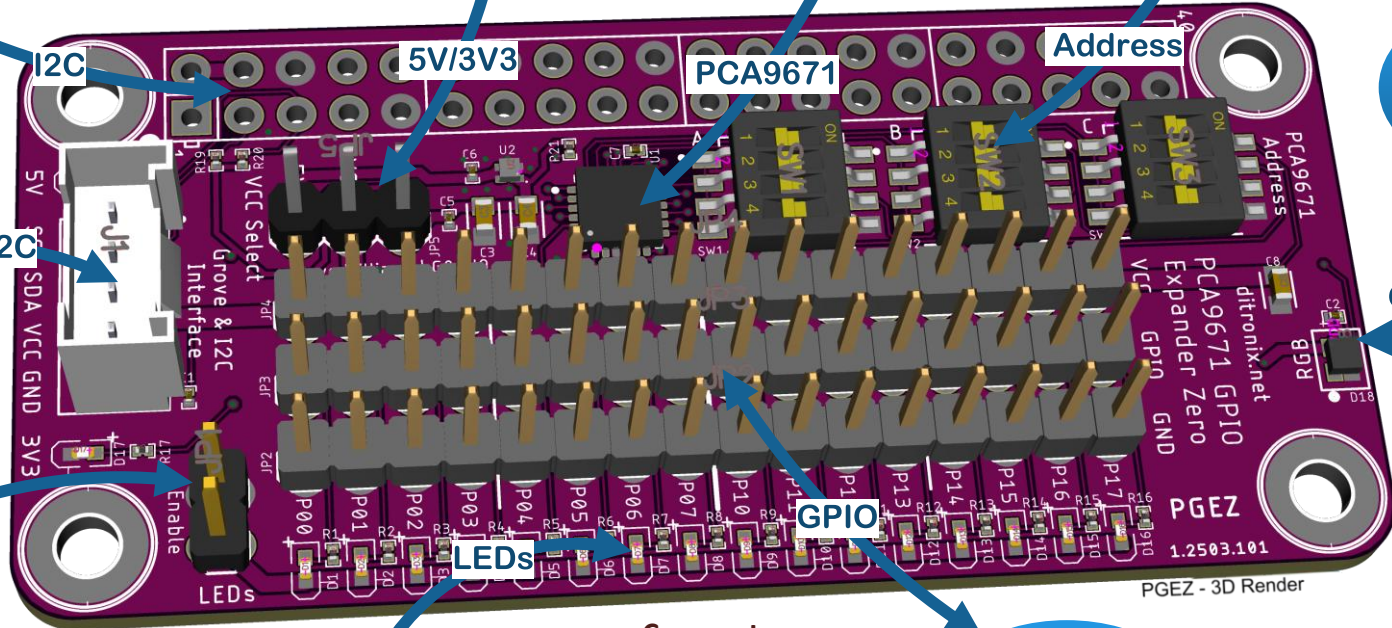
PCA9671
I2C Address

Raspberry
Pi
Header

Grove
Ecosystem

WS2812B
RGB LED

LEDs
Enable

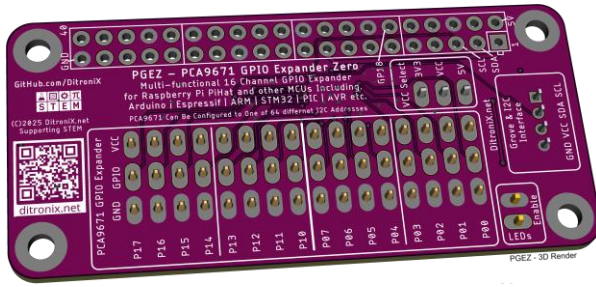


GP18 Data

Compact
Only 65mm x 30mm

16
Channels
GPIO

- Ideal for:**
- Raspberry Pi
 - Espressif ESP
 - Arduino
 - ARM
 - STM32
 - AVR
 - Microchip PIC
 - GROVE EcoSystem



GPIO
Status
LEDs

PCA9671

- PCF8575 Replacement
- 16 GPIO Ports (Inputs or Outputs)
- 64 I2C Addresses
- Selectable 3V3 or 5V
- GPIO 5V Tolerant Inputs
- Hardware and Software Resets
- Supports 400 kHz and 1 MHz I2C Bus
- Supported in PlatformIO, Arduino IDE, Python, C Libraries etc.

PGEZ PCA9671

PCA9671 GPIO Expander Zero
SDK STEM Board

March 2025

DX250323

Ditronix.net
Home Automation | Internet of Things | Energy Monitoring

