Manuals+ — User Manuals Simplified.

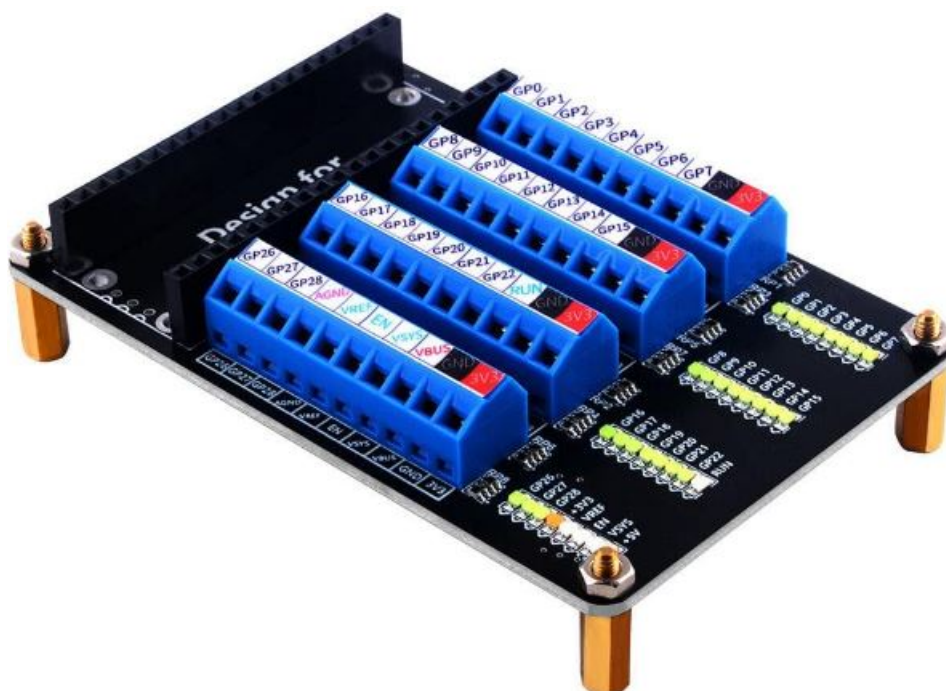# CONRAD ME706 Raspberry Pi Pico GPIO Terminal Expansion Board Instruction Manual

Contents

CONRAD ME706 Raspberry Pi Pico GPIO Terminal Expansion Board

Product Information

- **Name:** Raspberry Pi Pico GPIO Terminal Expansion Board
- **Type:** Screw Expansion Board
- **Pi Pico GPIO Size:** 86*58mm
- **Weight:** about 45g
- **Fixing hole:** 3mm
- **Hole pitch:** 3200x2100mil (81.28×53.34mm)
- **Voltage:** 3.3/5V
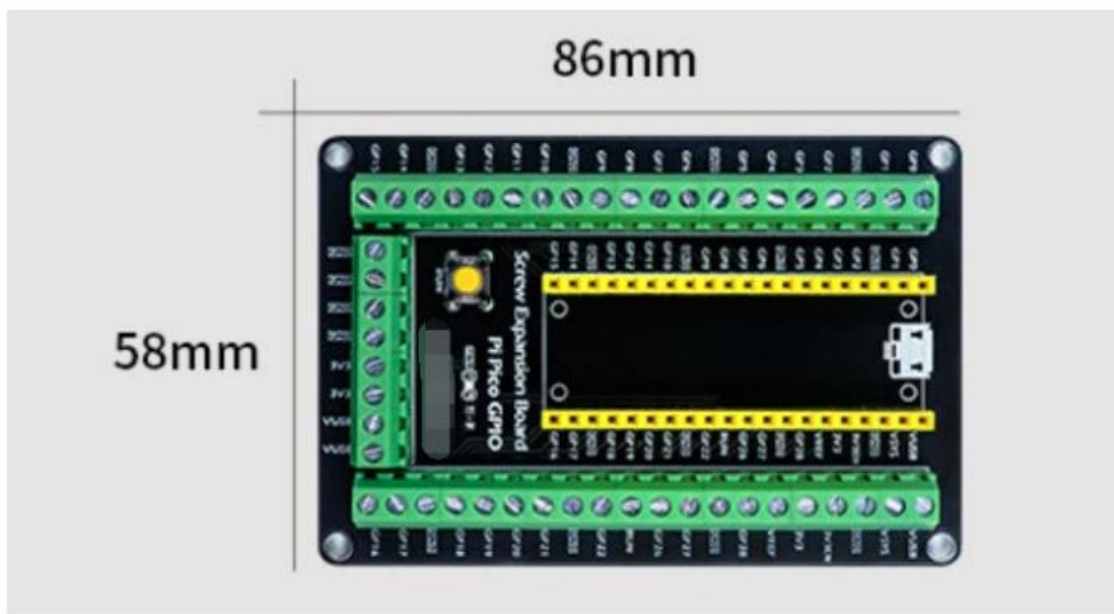- **GPIO level**: 3.3V
- **Pin:** 40 PIN

Product Usage Instructions

1. Make sure the Raspberry Pi Pico is properly inserted into the expansion board.
2. Connect the necessary peripherals or components to the expansion board, such as sensors, actuators, or other devices.
3. Ensure that the fixing hole matches the mounting mechanism you intend to use for securing the expansion board.
4. Use appropriate screwdrivers or tools to fasten the screws into the fixing holes, ensuring a secure connection.
5. Make sure to provide a stable power supply with voltage options of either 3.3V or 5V, depending on your requirements.
6. Ensure that the GPIO level is set to 3.3V for proper communication with the Raspberry Pi Pico.
7. Refer to the pin diagram or product documentation to correctly identify and connect the desired GPIO pins for your project.
8. Once all connections are made, power on the Raspberry Pi Pico and any connected devices.
9. Follow the programming or software instructions specific to your project to utilize the expansion board's GPIO capabilities.
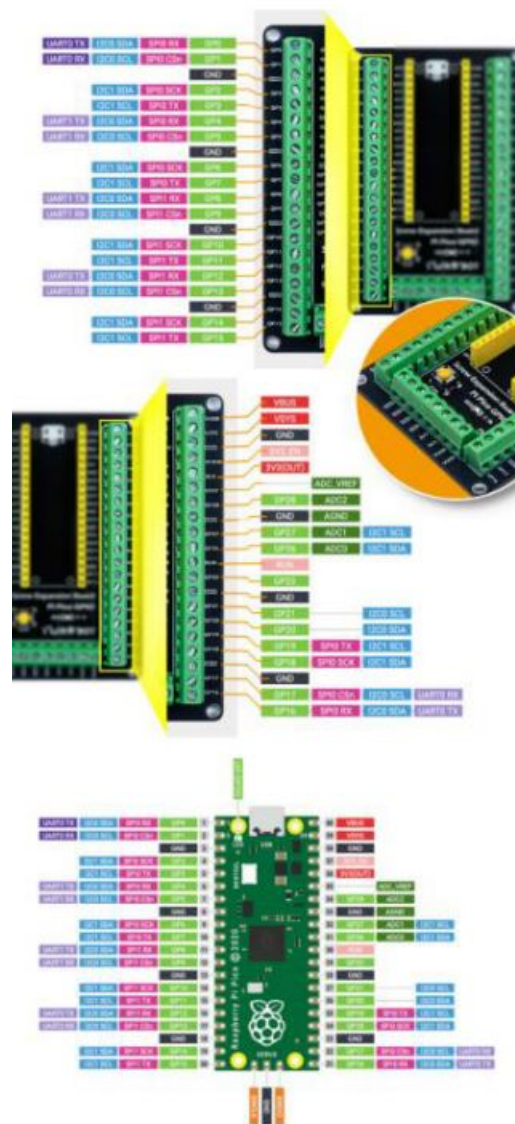
Parameters

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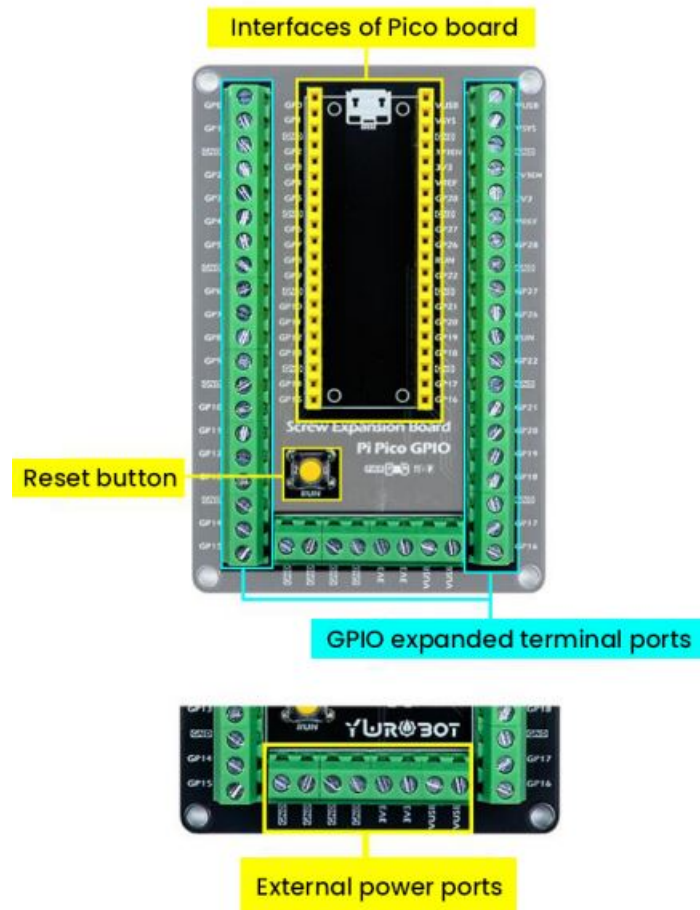
Apply to Raspberry Pi Pico

Pins description

Expand all pins corresponding to ports of Pico board

Power	ADC	I2C	Debugging
Ground	GPIO, PIO, and PWM	SPI	System Control
UART / UART (default)			

Interfaces of Pico board

Reset button

Screw Expansion Board
Pi Pico GPIO

GPIO expanded terminal ports

External power ports

Documents / Resources

Raspberry Pi Pico GPIO Terminal Expansion Board Parameters Name: Raspberry Pi Pico GPIO Terminal Expansion Board Type: Screw Expansion Board Pi Pico GPIO Size: 86*58mm Weight: about 45 g Fixing hole: 3mm Hole pitch: 100x2/10mX0 81.28x1.24mm Voltage: 3.3/5V GPIO level: 3.3V Pin: 40 PIN	[**CONRAD ME706 Raspberry Pi Pico GPIO Terminal Expansion Board**](#) [pdf] Instruction Manual ME706 Raspberry Pi Pico GPIO Terminal Expansion Board, ME706, Raspberry Pi Pico GPIO Terminal Expansion Board, Pi Pico GPIO Terminal Expansion Board, Pico GPIO Terminal Expansion Board, GPIO Terminal Expansion Board, Terminal Expansion Board, Expansion Board, Board