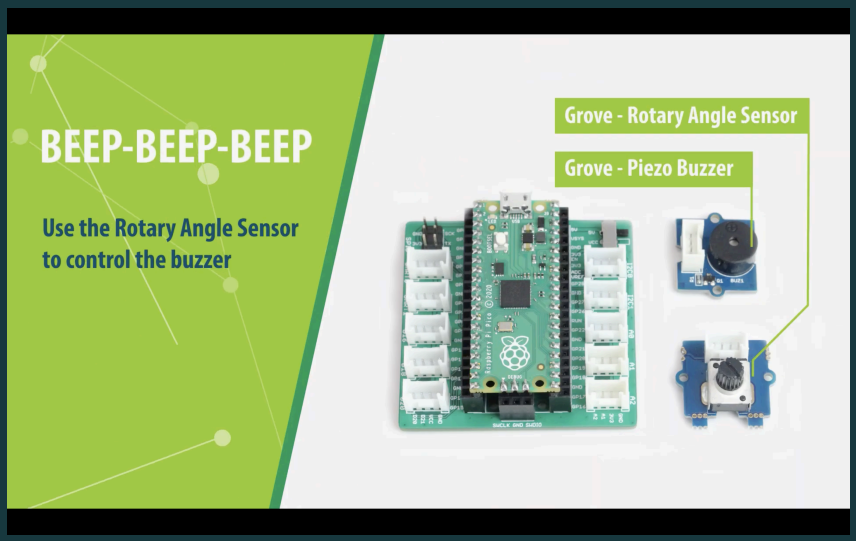
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INDUSTRIAL PRODUCT DATASHEET

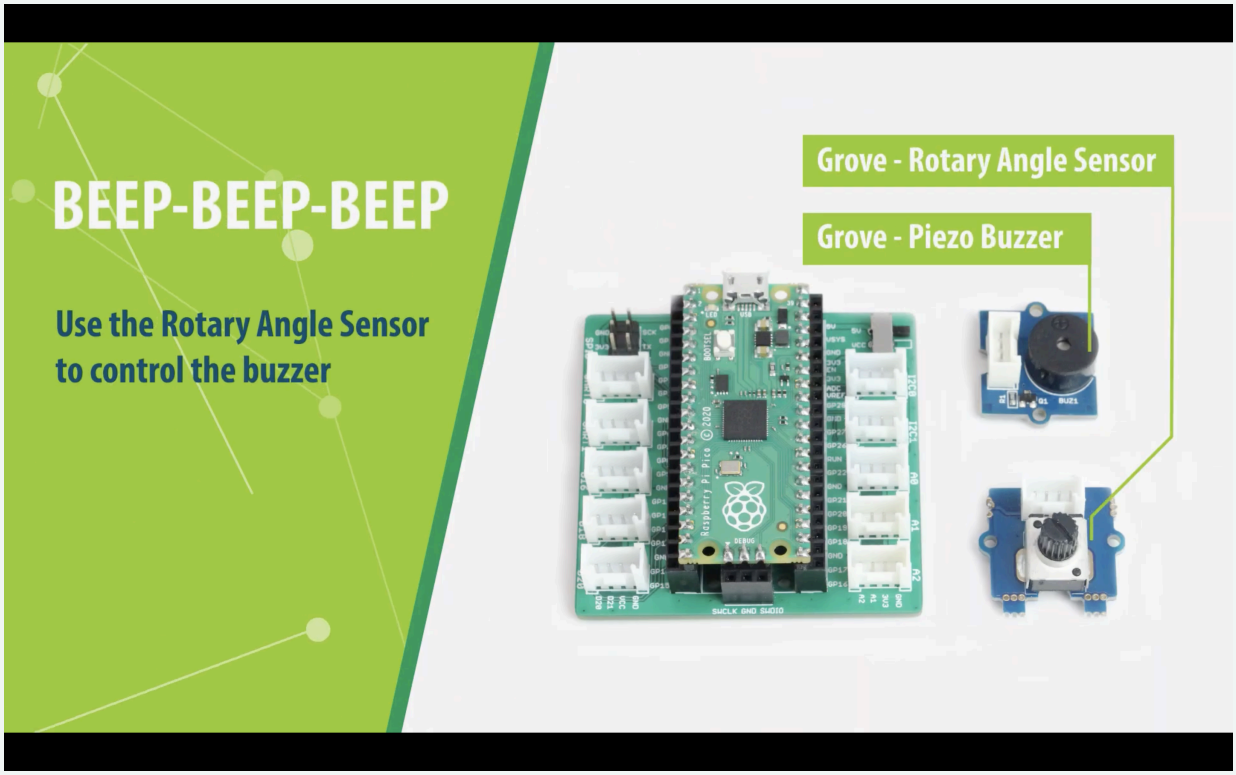
Grove Shield for Pi Pico - All female headers output, Grove interface for 2× I2C, 2× UART, 3× Digital, 3× Analog, Power Switch, 1x SPI, SWD Debug Interface

Grove Shield for Pi Pico provides full female headers and 10 Grove ports (2× I2C, 2× UART, 3× Digital, 3× Analog, SPI, power switch, SWD debug) for Raspberry Pi Pico, supporting MicroPython and Arduino.

SKU	UPDATED	PRICE
103100142	2026-11-03 03:30:45	$3.80(Excl. VAT)



Overview



The Grove Shield for Pi Pico breaks out all Raspberry Pi Pico pins and power to full female headers and adds 10 Grove ports (2× I2C, 2× UART, 3× Digital, 3× Analog, 1× SPI, power switch, and SWD debug interface). It supports plug-and-play Grove connectors, MicroPython and Arduino, and is suitable for Grove sensor projects, rapid prototyping, wearable devices, and intelligent control.

Key Features

01 **Grove & GPIO Expansion Board for Pico**

Break out all the pins and power of the Raspberry Pi Pico to provide full female headers and 10 additional Grove ports

02 **Rich Peripherals for Grove**

Provide 10 Grove ports including 2× I2C, 2× UART, 3× Digital, and 3× Analog, which also contains 1x SPI port, 1x power switch, and the SWD Debug interface.

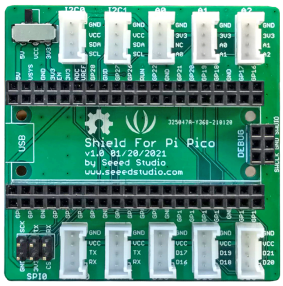
03 **Plug and Play**

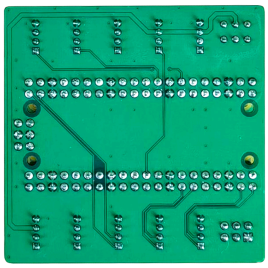
Benefit convenient Grove connectors that supports multiple Grove components

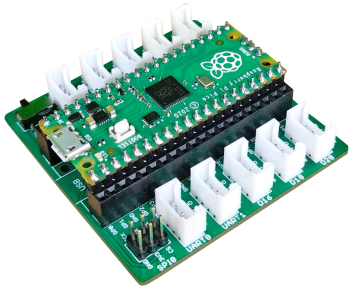
04 **Platform Support**

MicroPython & Arduino

Product Gallery







Applications

- Projects with Grove sensors
- Electronics learn based on Grove Starter Kit for Raspberry Pi Pico
- SWD debug
- Rapid prototyping
- Wearable devices
- Intelligent control

Resource Links

- https://www.seeedstudio.com/Grove-Shield-for-Pi-Pico-v1-0-p-4846.html

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