

INDUSTRIAL PRODUCT DATASHEET

Grove Base Hat for Raspberry Pi Zero - 24-Pin GPIO maintain, Grove interface for 1× I2C, 1× UART, 2× Digital, 4× Analog, SWD Debug interface, 1x PWM Port

Grove Base Hat for Raspberry Pi Zero with 8 Grove ports (I2C, UART, Digital, Analog, PWM) and SWD Debug for rapid prototyping with over 60 plug-and-play Grove modules.

SKU

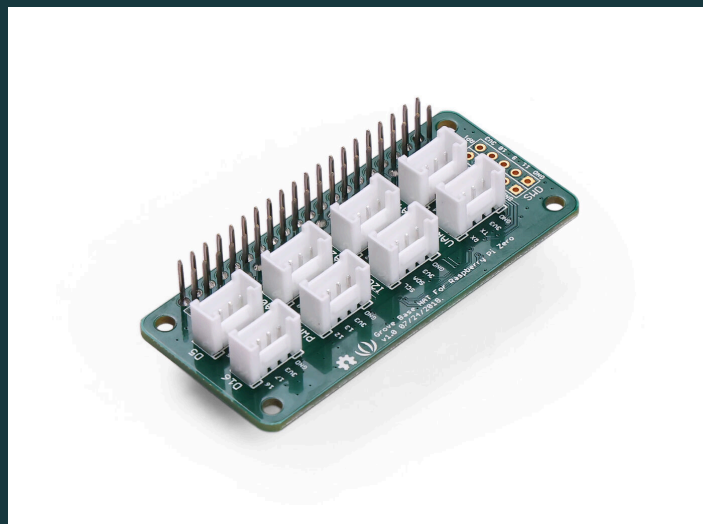
103030276

UPDATED

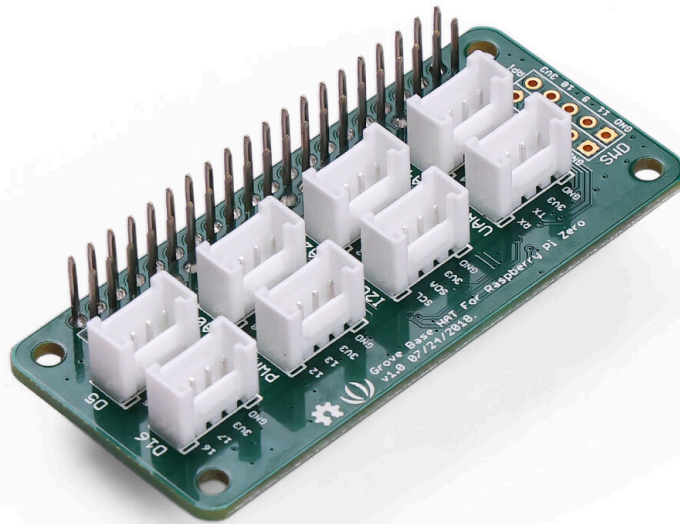
2026-04-24 02:08:29

PRICE

\$3.90(Excl. VAT)



Overview

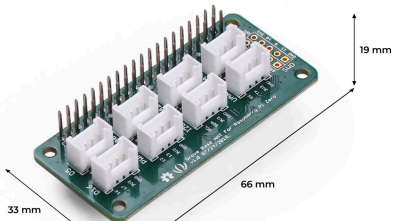
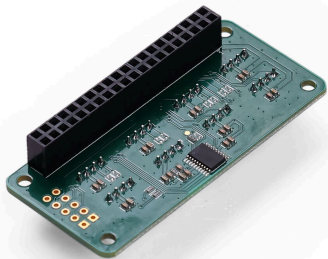
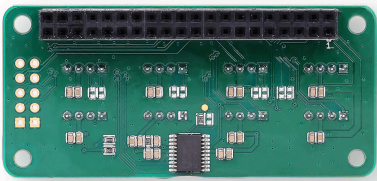
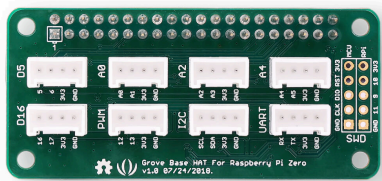


The Grove Base Hat for Raspberry Pi Zero provides 8 Grove ports (1× I2C, 1× UART, 2× Digital, 4× Analog, 1× PWM) and an SWD Debug interface, breaking out all 24-pin GPIO for easy prototyping. Ideal for projects with Grove sensors, electronics beginners, rapid prototyping, and intelligent control, it supports over 60 plug-and-play Grove modules.

Key Features

- **Grove & GPIO Pi Hat for Raspberry Pi Series:** Break out all the pins and power of the Raspberry Pi to provide 8 multi-function Grove ports and compatible 24-Pin GPIO based on
- **Rich Peripherals for Grove:** Provide 8 Grove ports including 1× I2C, 1× UART, 2× Digital, 4× Analog, which also contains 1× PWM port, and the SWD Debug interface.
- **Plug and Play:** Utilize convenient Grove connectors that supports more than 60 Grove modules

Product Gallery



Specification

Parameter	Description
MCU	MM32F031F6P6
Operating Voltage	3.3V

Dimensions	30mm x65mm x20mm
Weight	G.W 14.9g
Battery	Exclude

Applications

- Projects with Grove sensors
- Electronics beginning
- SWD debug
- Rapid prototyping
- Intelligent control

Part List

Grove Base Hat for Raspberry Pi Zero	x1
--------------------------------------	----

Compliance & Logistics



HSCODE	8543909000
USHSCODE	8543903500
UPC	841454122906
EUHSCODE	8543709099
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-Base-Hat-for-Raspberry-Pi-Zero.html>
- [Grove Base Hat for Raspberry Pi Zero Eagle Files](#)
- [Seeed Grove.py Library](#)
- [STM32F030F4P6TR-Firmware](#)
- [MM32F031F6P6-Firmware](#)
- [STM32 Datasheet](#)
- [MM32F031F6P6_Datasheet.pdf](#)

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com