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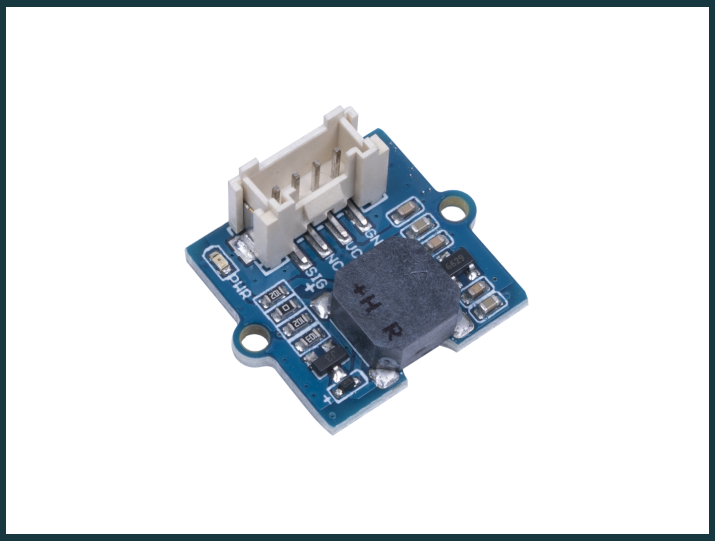
INDUSTRIAL PRODUCT DATASHEET

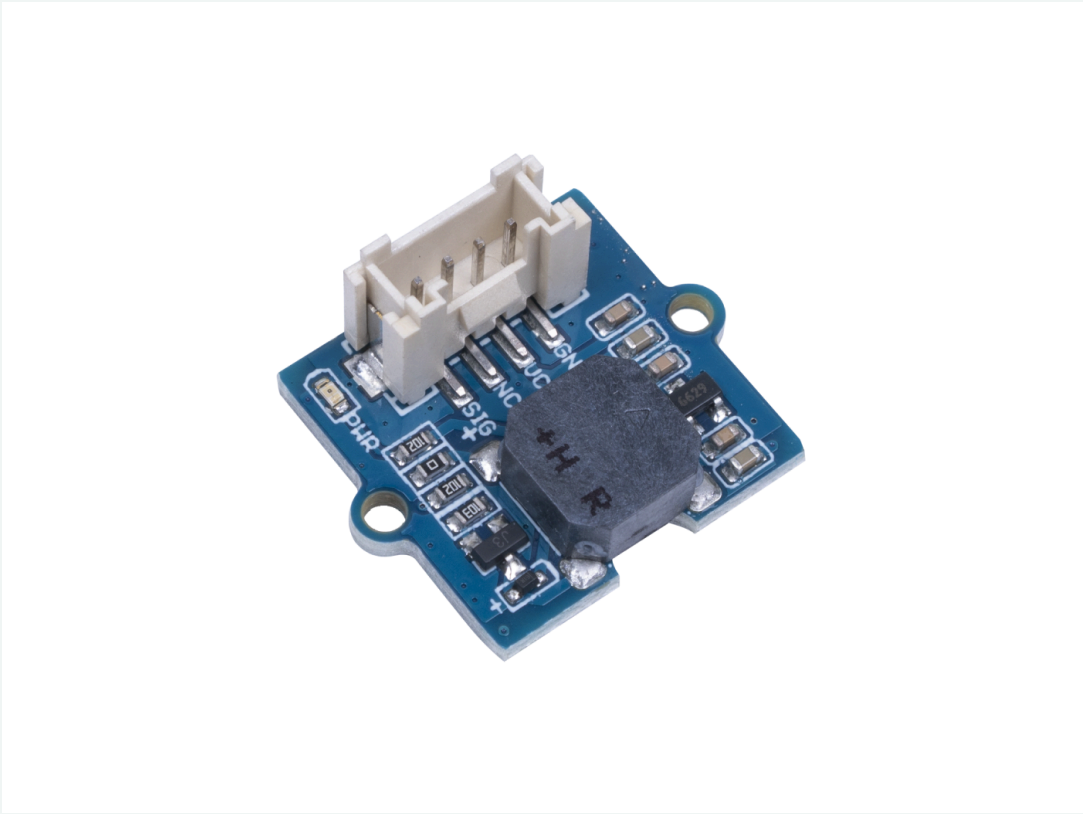
Grove - Passive Buzzer

Grove Passive Buzzer: Low-power, frequency-controllable sound output for watches, calculators, doorbells, and toys with easy Grove connectivity.

SKU	UPDATED	PRICE
107020109	2026-04-24 01:55:54	$2.10(Excl. VAT)



Overview

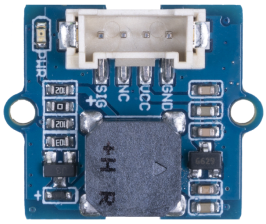


The Grove Passive Buzzer features a wide compatibility, controllable sound frequency, and low power consumption typically under 20mA. Its plug-and-play Grove interface makes it ideal for applications such as electronic watches, pocket calculators, doorbells, and toys.

Key Features

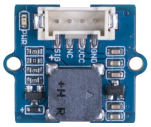
- **Passive buzzer with wide compatibility:** The sound frequency is controllable, and power consumption is small. Applicable to electronic watches, pocket calculators, electronic doorbells and electronic toys.
- **Low power consumption:** It is driven by voltage, so the current consumption is small, generally under 20mA, not more than 100mA.
- **Easy to use:** compatible with Grove port, just plug-and-play

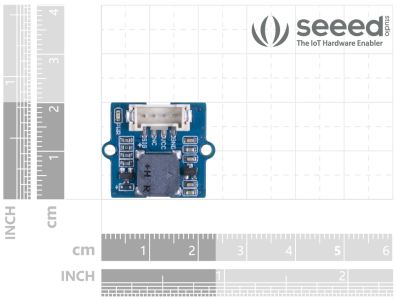
Product Gallery











Specification

Item	Value
Voltage range	3V–5V
Resonant Frequency	2700 Hz
sound output	> 80dB
Working temperature	-20-70 °C
Dimensions	20mm * 20mm * 10mm
Weight	3g
Battery	Exclude

Product	Specifications	Features
Grove-Buzzer	Resonant frequency: 2300±300Hz sound output：>85 dB	active: requires only DC voltage, loud sound
Grove Passive Buzzer	Resonant frequency: 2700Hz sound output：>80 dB	passive: requires AC signal, pleasant sound

Applications

- **Electronic watches**
- **Pocket calculator**
- **Electronic doorbell**
- **Electronic toys**

Part List

- 1 x Grove - Passive Buzzer
- 1 x Grove cable

Compliance & Logistics

HSCODE	8531801001
USHSCODE	8531801500
UPC	841454122999
EUHSCODE	8531202090
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Passive-Buzzer-p-4525.html
- MLT_8530_DATASHEET
- Hardware schematic

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