

Qwiic Speaker Kit

KIT-21230

Product Overview

09-03-2024

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun Qwiic Speaker Kit includes components required to get started with stereo audio via a simple Qwiic interface. This kit consists of two thin speakers, all connecting cables (that include power and Qwiic), a Qwiic speaker amp, a wall adapter, and a RedBoard Artemis Nano. The Qwiic speaker kit is Qwiic-enabled and requires no soldering.

The Qwiic speaker amp features the Texas Instruments TPA2016D2 stereo, filter-free class-D audio power amplifier. This amplifier has low heat and long battery life when driving 4Ω speakers at up to 2.8W in stereo and 8Ω speakers at up to 1.7W in stereo.

The RedBoard Artemis Nano is a lightweight and 0.8mm thick Printed Circuit Board (PCB), with onboard LiPo battery charging and a Qwiic connector. This board is easy to implement for small projects.



Kit Contentsv

- 1x Qwiic speaker amp
- 1x RedBoard artemis nano
- 2x Thin speakers 0.5W
- 1x DC barrel jack adapter (Female)
- 1x Audio cable TRS (1m)
- 1x Wall adapter power supply - 5V_{DC}, 2A (Barrel Jack)
- 1x Reversible USB A to USB C cable (2m)
- 1x Flexible Qwiic cable (200mm)
- 1x Jumper wires premium 6inch M/M (2 pack)

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-qwiic-speaker-kit/>