seeed studio

INDUSTRIAL PRODUCT DATASHEET

Heart Sound Sensor

Heart Sound Sensor: Acquires heart, fetal, and surface-tone audio signals with high fidelity and anti-jamming design.

SKU	UPDATED	PRICE
SEN42771M	2024-08-09 02:12:45	$59.00(Excl. VAT)



Overview



The Heart Sound Sensor integrates micro-sound components made from new polymer materials to output a low-impedance, high-fidelity analog voltage signal. It is designed for heart-sound, fetal-audio, and other surface-tone signal acquisition, offering high integration, reliability, anti-jamming protection, and an overload range of up to 100 times.

Key Features

This Heart-Sound sensor integrated micro-sound components which is made from new polymer materials, can output low-impedance audio signal. Using modular design, PCB plug-way closed. It can be widely used in various types of acquisition equipment, such as heart-sound signal acquisition, fetal-audio signal acquisition, as well as other surface-tone signal acquisition.

Features

- Output analog voltage signal
- High-fidelity, low-impedance audio signal
- High integration, reliability
- Overload range 100 times
- Anti-jamming design

Application Ideas

- Heart-sound signal acquisition
- Fetal-audio signal acquisition
- other surface-tone signal acquisition

Documents

Please visit our **wiki page** for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our**forum**.

Resource Links

- **https://www.seeedstudio.com/Heart-Sound-Sensor-p-833.html**
- **Schematics Eagle file for ARCH Max**
- **Arch Max PCB**
- **Arch Max sch**
- **STM32F407 datasheet**

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