

Miniature Modular Dynamic Environment Multifunctional Sensor

In this article, we review microbatteries to power miniature sensors. We discuss materials and architectures for microbatteries and their fabrication methods. We also discuss energy ...

Muse is packed with miniature IMUs at only 22X22 mm², making it ideal for devices with limited space while it's also expandable for more demanding applications. Muse has been used in a range of ...

This review focuses on the multifunctional sensors for mechanical stimulus and environmental information, such as strain, pressure, light, temperature, and gas, which are fabricated ...

This is a multifunctional sensor that gives you temperature and relative humidity information at the same time. It utilizes a TH02 sensor that can meet measurement needs of general purposes.

Therefore, developing a multifunctional sensor that is miniaturized, wireless and passive, resistant to harsh environments, and capable of real-time monitoring of multi-directional strain along ...

This chapter discusses the key environmental sensing variables and associated sensor node designs to effectively tackle this pressing issue by taking deforestation as a case study.

Advanced multi-sensor modules for environmental monitoring and smart IoT applications. Featuring temperature, humidity, air quality, and motion sensors, Exo provides comprehensive data collection ...

Multiple Function Sensor Modules are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Multiple Function Sensor Modules.

Low-dimensional materials provide fertile soil for multifunction-integrated devices. This review focuses on the multifunctional sensors for mechanical stimulus and environmental information, such as strain, ...

Many new types of sensors are being developed for monitoring different types of toxic substances. Among them, portable miniaturized sensors represent cost-effective sensing systems, which can be ...

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