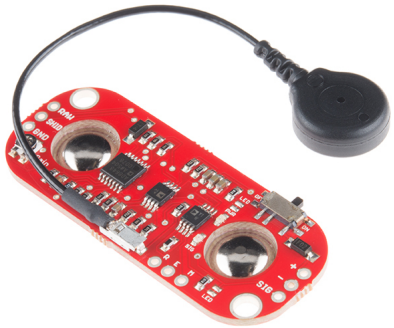
MyoWare Muscle Sensor



Rating: Not Rated Yet
Price:
Variant price modifier:

Price with discount: 5,900.00 PKR

Salesprice with discount:

Sales price: 5,900.00 PKR

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Description

Using this muscles to control things is the way that most of us are accustomed to doing it. We push buttons, pull levers, move joysticks… but what if we could take the buttons, levers and joysticks out of the equation? This is the MyoWare Muscle Sensor, an Arduino-powered, all-in-one electromyography (EMG) sensor from Advancer Technologies. The MyoWare board acts by measuring the filtered and rectified electrical activity of a muscle; outputting 0-Vs Volts depending the amount of activity in the selected muscle, where Vs signifies the voltage of the power source. It's that easy: stick on a few electrodes (not included), read the voltage out and flex some muscles!

The MyoWare Muscle Sensor is the latest revision of the Muscle Sensor of old, now with a new wearable design that allows you to attachbiomedical sensor pads directly to the board itself getting rid of those pesky cables. This new board also includes a slew of other new features including, single-supply voltage of +3.1V to +5V, RAW EMG output, polarity protected power pins, indicator LEDs, and (finally) an On/Off switch. Additionally, we have developed a few shields (Cable, Power, and Proto) that can attach to the Myoware Muscle Sensor to help increase its versatility and functionality!

Measuring muscle activity by detecting its electric potential, referred to as electromyography (EMG), has traditionally been used for medical research. However, with the advent of ever shrinking yet more powerful microcontrollers and integrated circuits, EMG circuits and sensors have found their way into all kinds of control systems.

Reviews

There are yet no reviews for this product.