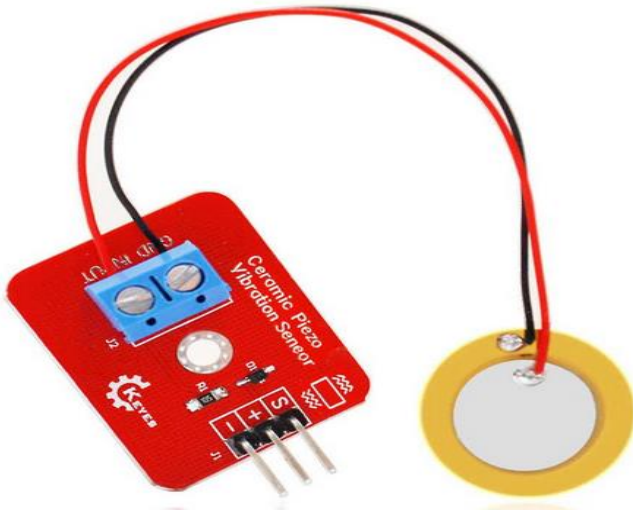


Keyes KY0138

Piezo Vibration Sensor / Transducer Board



Introduction

Based on piezoelectric ceramic chip, the analog vibration sensor is a procedure of inverse transform, using the chip to produce vibration to electrical signal. The chip vibrating, the signal comes about. This sensor is combined with Arduino sensor, Arduino interface can sense slight vibration signal, which can realize interactive works related to vibration, like electronic drum. Connect this sensor to the analog interface A0 of Arduino UNO controller, and different vibration produces different output value of the analog interface, and then realize interactive works related to vibration.

Specification

Application: Used in Arduino

Working voltage 3.3V or 5V 2.

Working current: <1mA

Range of working temperature: 10-70 degree centigrade

Interface type: analog signal output

Pin definition: S signal output + power supply (VCC) - ground (GND)