

Item no.: 322700

## SEN-KIT02 - Sensor Kit X40 - Sensor Set with 40 pcs.

from **50,92 EUR**

Item no.: 322700  
shipping weight: 0.20 kg  
Manufacturer: JOY-iT



### Product Description

JOY-iT(R) Sensor Kit X40 - Sensor Set with 40 pcs. This high-quality sensor kit was designed for the most popular open source platforms including Raspberry Pi (all models), Arduino, Banana Pi, Cubieboard, Cubietruck, Beaglebone, pcDuino and microcontrollers (ATmega, AVR, MicroChip PIC, STM32 etc.).

The manual has detailed instructions for Raspberry Pi and Arduino. It contains a description of the respective sensors, the pin assignment and a programming example for Raspberry and Arduino. This enables programming beginners to easily develop their own experiments, projects and experiments. You will soon be able to check your heartbeat or measure the room temperature and humidity in your environment.

For the Raspberry Pi, the set includes an analog-to-digital converter and a voltage translator. You can either solder the sensors or insert them on a breadboard to work on different circuits or experiments.

- Interfaces: GPIO, I2C, 3-Pin Stiftsocket, 4-Pin Stiftsocket
- Suitable for: Arduino, Banana Pi, Cubieboard, PcDuino, Raspberry Pi

Scope of delivery:

- Temperature sensor
- RGB SMD LED
- Vibration switch
- Magnetic field sensor
- Light gate
- Passive Piezo buzzer
- Infrared transmitter
- Thermistor
- Aktive Piezo buzzer
- 5 mm 2-color LED
- Reed module
- Mini magnet reed
- Temperature sensor
- 5 V relais
- Joystick (XY axis)
- Photoresistor
- Combi sensor
- Magic light cup
- Microphone sensor
- Button
- 3 mm 2-color LED
- Infrared receiver
- Knock sensor
- Obstacle detector
- Linear magnetic hall sensor
- Flame sensor
- 7-color LED flash
- Bihor magnet sensor
- Tracking sensor
- Metal touch sensor
- Ultrasonic distance sensor
- Tilt switch
- Mic. sound sensor
- Pressure & temp. sensor
- 5 mm RGB LED
- Encoded rotary switch
- Analog digital converter
- Heartbeat sensor
- Voltage translator
- Tilt switch

## Specifications

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prices and availability

