JOY-iT

SENSORKIT X40
High-quality sensor set for the most common open source platforms

This high-quality sensor kit is specially designed for the most popular open-source platforms. It is compatible with single board computers (Arduino, Raspberry, Banana PI, Cubieboard, Cubietruck, Beaglebone, pcDuino) and microcontrollers (atmega, AVR, MicroChip PIC, STM32 etc.).

It includes a total of 40 different sensors. You can either solder the sensors or put them on a breadboard to work on different circuits or experiments.

The rich online knowledge base also provides connection instructions, tutorials and sample codes for Arduino, Raspberry Pi and Micro:bit.

MAIN FEATURES

Number of modules	40
Connection	GPIO, I2C, 3 pin socket, 4 pin socket
Compatible to	Arduino, Banana Pi, Raspberry Pi, Micro:bit and more

INCLUDED MODULES

Temperature sensor, magnetic field sensor, infrared transmitter, 5mm 2-color LED, photo resistor, tilt switch, infrared receiver, linear magnetic hall sensor, bihor magnet sensor, ultrasonic distance sensor, pressure & temperature sensor, analog to digital converter, RGB LED SMD module, push button module, passive piezo buzzer module, active piezo buzzer module, vibration module, light barrier module, combination sensor, temperature + humidity sensor, RGB 5mm LED module, photo resistor module, 5V relay module, mini magnet reed module, joystick module (XY Axis), reed module, flame sensor module, magic cup light module, temperature sensor module (thermistor), 3mm-2-color-LED module, knock sensor module, obstacle detector module, tracking sensor module, 7-color LED flash module, metal touch sensor, microphone sensor module (high sensitivity), microphone sound sensor module, heartbeat sensor module, coded rotary switch, voltage converter, ultrasonic distance sensor

ADDITIONAL INFORMATION

Weight	192 g
Article no.	SEN-Kit02
EAN	4250236812144
Customs tariff no.	8473302000