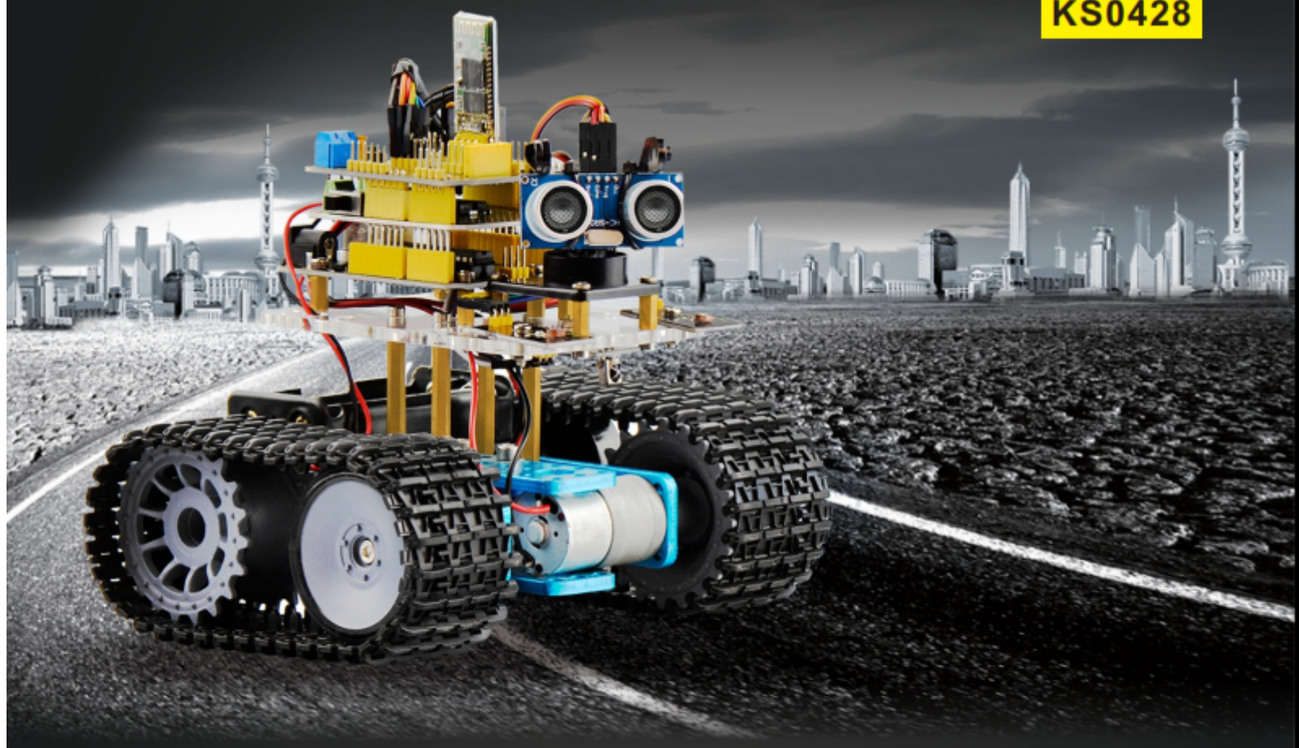
keyestudio Mini Tank Robot Advanced Version

KS0428



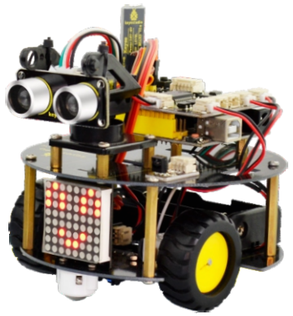
LINE FOLLOWING | OBSTACE AVOIDANCE | REMOTE | BLUETOOTH | MIXLY BLOCK

Introuction

Mini tank robot is a learning application development system of microcontroller based on Arduino and Mixly blocks.
Apart from ultrasonic sensor and Bluetooth module, we particularly add an infrared receiver module, an infrared remote control and two photocell modules and more.
So you are able to make a light following, or infrared remote control tank robot.

keyestudio Smart Little Turtle Robot V2.0

KS0364

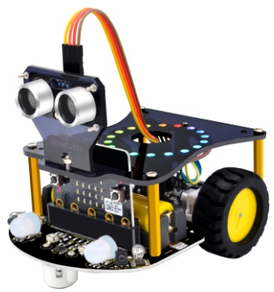


Introduction

keyestudio Smart Little Turtle V2.0 is an enhanced kit based on easy-to-use and flexible Arduino platform. We provide you with complete tutorials of Arduino programming language and Mixly Graphical program to control the smart turtle robot, achieving the functions of line tracking, automatic obstacle avoidance, Bluetooth control and infrared remote control.
Furthermore, it adds a 8*8 matrix that can show you the running states of robot.

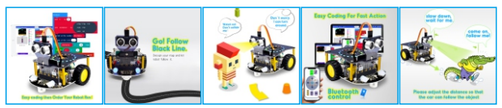
keyestudioMicro:bit Mini Smart Robot Car V2

KS0426



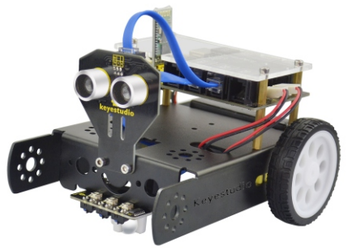
Introduction

The Micro:bit Mini Smart Robot Car V2 integrates ultrasonic and infrared obstacle avoidance, line following as well as infrared and Bluetooth control functions. It comes with a passive buzzer for playing music; a KEYES-2812-18R module for controlling 18 RGB LED colors; a photocell for detecting the light intensity; two RGB lights used as direction light.



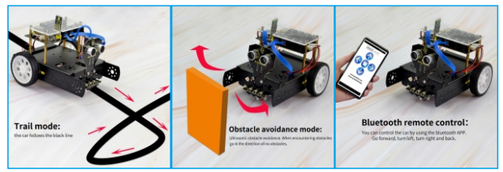
keyestudio KEYBOT Coding Education Robot for Arduino STEM

KS0353



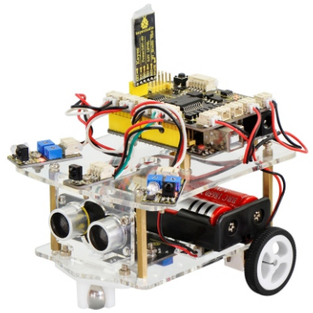
Introduction

The KEYBOT robot is based on easy-to-use and flexible open-source Arduino platform. KEYBOT control board comes with the RJ11 plug, so it is very easy to connect other sensor modules with only one cable.
The robot is designed in metal structure, solid and durable. The assembly is really simple, believing you can install well the KEYBOT within 30mins.
As for the KEYBOT coding, you will learn how to get started with Arduino programming C language and Mixly block platform.



keyestudio Desktop Mini Bluetooth Smart Car V2.0 Kit

KS0313

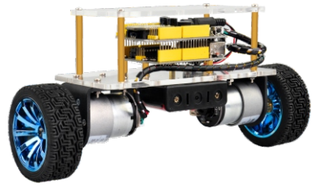


Introduction

From the basics up to complex projects, through this kit you can study the motor driving, as well as the principle and source code of our smart car with tracking, obstacle avoidance, infrared remote control and Bluetooth remote control functions. Take your brain on a fun and inspiring journey through the world of programming and electronics. Believe you will enjoy the fun of DIY production and programming while learning.

keyestudio Self-balancing Car

KS0193

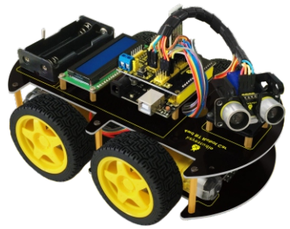


Introduction

This balance car kit is based on Arduino development platfrom. When connecting to the mobile Bluetooth, you can easily control the motion direction of balance car with a mobile APP,making a variety of unique postures.
To facilitate the operation control, the mobile APP has both button control mode and Mobile gravity control mode. Moreover, it adds the function of adjusting the balance angle and PID parameters as well, so you can perfectly adjust and control the balance car.

keyestudio 4WD Bluetooth Multi-functional Car

KS0192



Introduction

keyestudio 4WD Bluetooth Multi-functional Car is a learning application development system based on microcontroller and using ATmega-328 as core. It has functions of line tracking, obstacle avoidance, IR remote control , Bluetooth remote control and distance detection. This kit contains plenty of interesting projects and can extend an external circuit module to add more functions on this car. The kit aims to disengage users from boring theories and helps them obtain capacity of system development when learning Arduino.

keyestudio Desktop Bluetooth Mini Smart Car

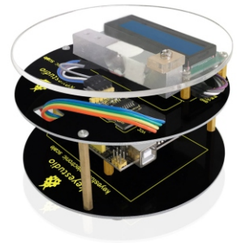
KS0159

Introduction

Multi-functional smart car is a learning application development system of microcontroller that can be controlled by ARDUINO. It has functions of line tracking, obstacle avoidance, Bluetooth remote control etc. This kit contains many interesting programs. It can also be expanded to have external circuit modules to have other functions.

keyestudio DIY Electronic Scale

KS0087



Introduction

Electronic scale is commonly seen in our daily life, with function of weighting. Professional scales on market have more functions with higher precision. It is easy to make an open source electronic scale. You just need a weighting module, an AD chip (hx711) specialized in weighting and an Arduino with corresponding library. Everything becomes so easy!

keyestudio Electronic Parts DIY Kit For OTTO Robot Maker

KS0358

Introduction

Otto is an interactive robot that anyone can make! It is completely open source, Arduino compatible and 3D printable.Otto is able to walk, dance, make sounds and avoid obstacles.
Otto is designed using Autodesk 123D Design software. No need technical knowledge, perfect for beginners. You are able to modify it or even recreate them to make you own Otto robot and then share to the world!

keyestudio Smart Clock Kit

KS0201

Introduction

This kit not only has basic functions, for example, it counts Minutes, Hours, Day, Date, ,Day of Week, Month, and Year, with alarm buzzer and hourly chime function; but also has been extended to new features ,like showing temperature, automatically adjusting display brightness. With reserving serial ports, you are able to reprogram to DIY your clock.

keyestudio RGB LED CUBE KIT

KS0177

Introduction

keyestudio 4*4*4 RGB LED CUBE KIT consist of 64 RGB LEDs soldered in the combination of 4*4*4. It's then driven by ARDUINO. RGB LED CUBE emits a warm light, which is enjoyable for people of any age. You can also use it as a mood light, or create your own "ambient device" that gently notifies you of new emails or instant messages!.

keyestudio LED Cube Kit

KS0182

Introduction

So what is LED Cube? Well, by the name of it, we can tell it may be a light emitting cube. We use 64 LEDs to solder a 4*4*4 3D-matrix. Each face of the cube or should we say each dot of the cube will emit beautiful light.This 3D LED cube is based on ARDUINO, an open-source environment. So it also has features of open-source and easy-to-use. Even for enthusiasts without solid electronic knowledge, you can make projects that are going to amaze others!