Part 1

lesson 1

Packing list

Preface

Our Company

Established in 2011, Elegoo Inc. is a thriving technology company dedicated to open- source hardware research & development, with the integration of production and marketing. Located in Shenzhen, the Silicon Valley of China, we have grown to over 150 employees with a 10,763+ square ft. factory.

Our product lines range from DuPont wires and UNO R3 boards to complete starter kits designed for customers of any level to learn Arduino knowledge. In addition, we also sell products of Raspberry Pi accessories like 2.8 "TFT touch and STM32. In the future we will devote more energy and investment to 3D printer products and so on. All of our products comply with international quality standards and are greatly appreciated in a variety of different markets throughout the world.

Official Website: http://www.elegoo.com

US Amazon Storefront: http://www.amazon.com/shops/A2WWHQ25ENKVJ1

CA Amazon Storefront: http://www.amazon.ca/shops/A2WWHQ25ENKVJ1

UK Amazon Storefront: http://www.amazon.co.uk/shops/AZF7WYXU5ZANW

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ES Amazon Storefront: http://www.amazon.es/shops/AZF7WYXU5ZANW

IT Amazon Storefront: http://www.amazon.it/shops/AZF7WYXU5ZANW

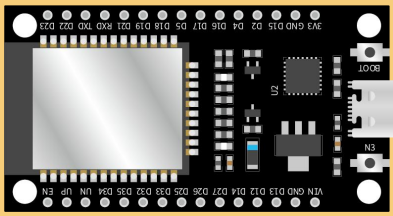
Our Tutorial

This tutorial is designed for beginners. You will learn all the basic information about how to use Arduino controller boards, sensors and components. If you want to study Arduino in more depth, we recommend that you read the Arduino Cookbook written by Michael Margolis.

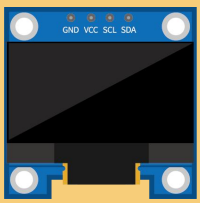
Some code in this tutorial are edited by Simon Monk. Simon Monk is an author of a number of books relating to Open Source Hardware. They are available in Amazon: Programming Arduino, 30 Arduino Projects for the Evil Genius and Programming the Raspberry Pi.

Customer Service

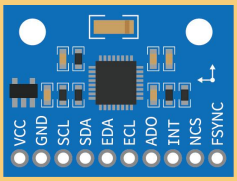
As a continuous and fast growing technology company we keep trying our best to offer you. Excellent products and quality service in order to meet your expectations and you can reach out to us by simply droping a line at service@elegoo.com or EUservice@elegoo.com. We look forward to hearing from you and any of your critical comment or suggestion would be much valuable to us.
Any problems and questions you have with our products will be promptly replied by our experienced engineers within 12 hours (24hrs during holiday)



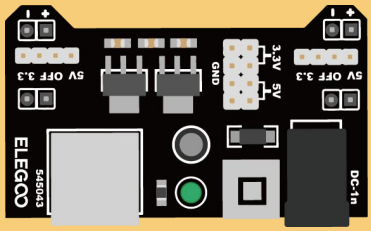
ESP-32 Board
1PC



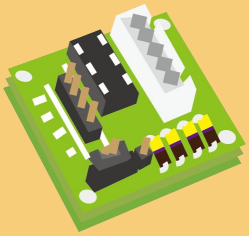
0.96 Inch OLED
Display Module 1PC



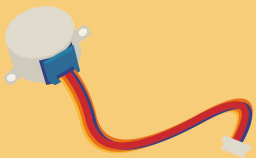
GY-6500 Module
1PC



Power Supply
Moudle 1PC

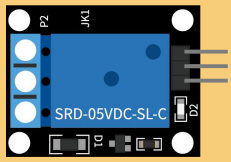


ULN2003 Stepper Motor
Driver Module 1PC

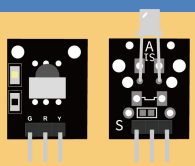


Stepper Motor
1PC

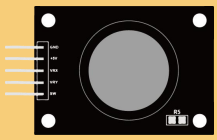
Servo Motor SG90
1PC



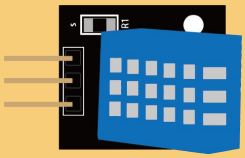
5V Relay 1PC



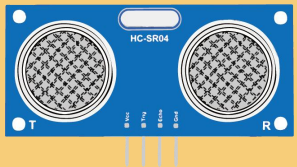
IR Receive Module
IR Emission Module
1PC



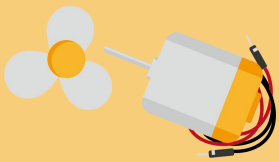
Joystick Module 1PC



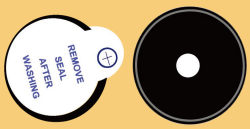
DHT11 Temperature
and humidity Module
1PC



Ultrasonic Sensor 1PC

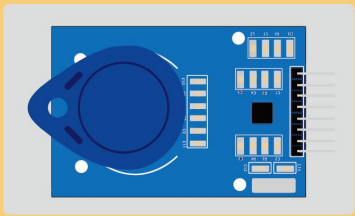


Fan Blade and 3-6V
motor 1PC

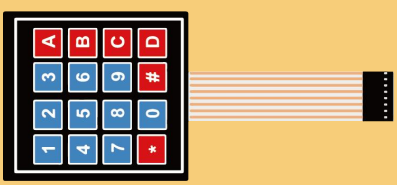


Active Buzzer
Passive Buzzer
1PC

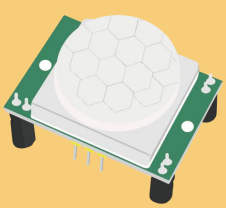
74HC595 、L293D
1PC



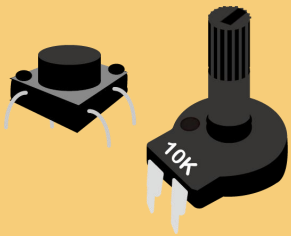
Rc522 RFID Module
1PC



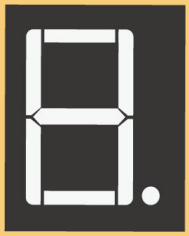
Membrane Switch
Module1PC



HC-SR501 PIR Motion
Sensor Module1PC



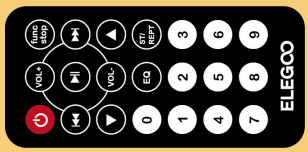
Button 5PCS
Potentiometer 10K 1PC



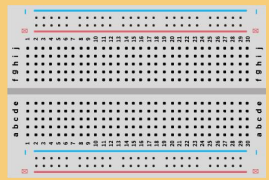
1Digit 7-Segment Display
1PC

4Digit 7-Segment Display 1PC

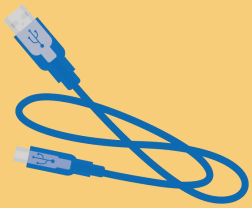
Tilt Ball Switch 1PC



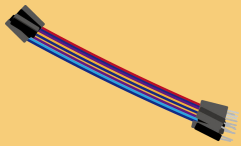
Remote Control 1PC



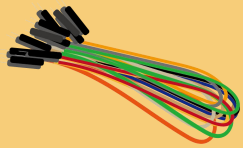
400Tie-Points Breadboard 1PC



USB A TO C 1PC



Female -to-Male Dupont Wire10PCS



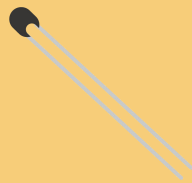
Breadboard Jumper Wire 65PCS

9V Battery with Snap -on Connector Clip 1PC

Resistor 120PC

LED 25 PCS

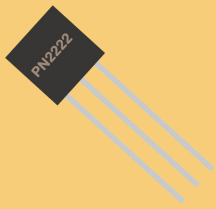
RGB LED 2PCS



Thermistor 1PC

Diode Rectifier 2PCS

Photoresistor(photocell) 2PCS



NPN Transistor PN222 2PCS