Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Accessory Shield for Arduino SKU:DFR0270

Introduction

This Accessory Shield for Bluno is specially made for Bluno (BLE with Arduino Uno), which is first of its kind in intergrating BT 4.0(BLE) module into Arduino Uno. Together with Bluno, this Accessory Shield forms an ideal prototyping platform for both software and hardware developers to go wireless. You will be able to develope your own smart bracelet , smart pedometer etc through the low- power, real-time low energy communication.

With built-in seven main functional modules, this Accessory Shield is dedicated to aid interactions between your Bluno and the physical world. These useful modules are:

- 128x64 OLED Screen To display text input on your phone interface
- Buzzer To make noises
- DHT11 Temperature&Humidity Sensor To do environmental monitoring
- 1.5A Relay To conduct device switch
- Helical Potentiometer To transfer real time data to your phone
- RGB LED To display full color RGB
- Mini Joystick To tell your phone which one in five directions is pressed

The exposed terminal on the back is used for the relay external circuit, its mode of operation as with other relay products we have can be checked on the relay link here: Relay wiki link Our relay module has 4 connectors, but one of the connectors is left unused (N\C not connected).

https://www.dfrobot.com/wiki/index.php/Relay_Module_(Arduino_Compatible)_(SKU:_DFR0017)

Specification

- 128x64 SSD1306 OLED Screen
- Buzzer
- DHT11 Temperature&Humidity Sensor
- 1.5A Relay
- Helical Potentiometer
- RGB LED
- Mini Joystick
- Size: 60x53x30mm
- Weight: 25g