
PRODUCT CATALOG

2018-19



We Make
Things
Intelligent

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ABOUT US

SB Components Ltd is a specialist UK manufacturer of protective cases for *single board computers* and *micro-controller boards*. The company is a team of tech enthusiasts whose dedication and sincerity results in top-notch and class products. Our designers are experts in producing robust, functional and elegant cases that protect and augment technology platforms.

In addition to the standard product range listed in this catalog, SB Components Ltd will also undertake bespoke case and electronic component projects. These can range from the addition of logos, or changes to color/materials of existing products to the creation of completely bespoke engineered from scratch products.

WHY CHOOSE US

Our team of tech designers and developers have worked together to develop some outstanding and innovative products that are connected to the concept of the **STEM Education**.

Our best-selling **Raspberry Pi case** is a market leader in quality affordable design. While other products of the similar category are also available in abundance. Arduino, Banana Pi, BeagleBone and Micro:Bit are few to name with a variety of product range at SB Components Ltd. Our aim is to provide high-quality and high-end products at low prices.



OUR OBJECTIVES

Now that we are constantly growing, STEM Education and its related products have held a pivotal role in the list of our categories.

Our upcoming products are based on the engineering that enables kids, students, tech enthusiasts, and all programming lovers learn and excel in the field of programming and pursue their dream of creating a new product(s) of their own.



OUR VISION

Initially, we started to develop very basic products based on **Raspberry Pi** that targeted STEM Education, which eventually became a success and then there were no barriers to proceed.

With a constant view to growing, our in-house team of designers and developers execute and develop the 'end-user product' from scratch with precision and expertise. This saves our time resulting in 'high-quality product with low price' for the users.

OUR SERVICES

With over 1 million cases sold, SB Components started its research and development division. Soon this division took main focus and the company started developing products powered by single board computers.



CASE DESIGNING

Experts in producing robust, functional & elegant cases that protect & augment technology platforms



LASER ENGRAVING

Using lasers to engrave an object or the cases we build.



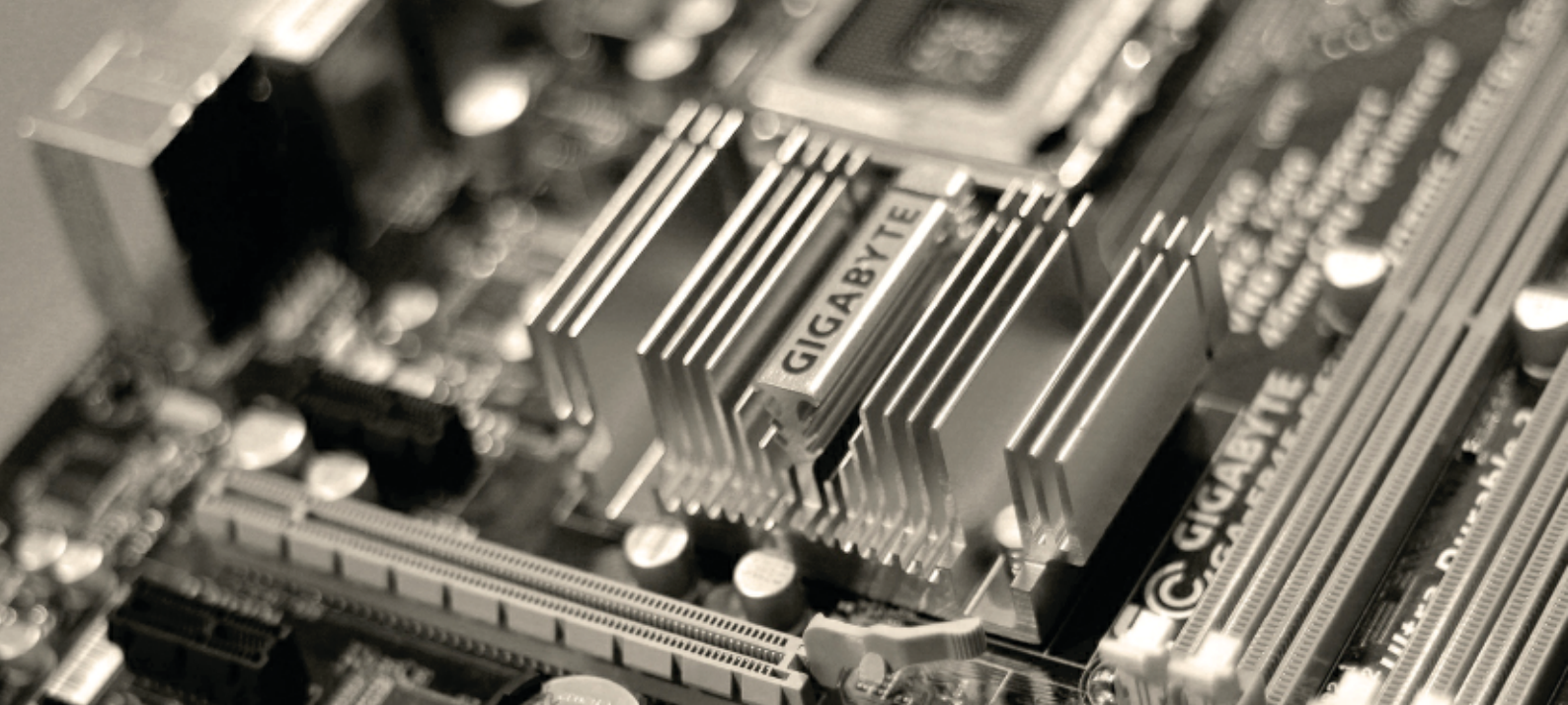
PRODUCT DEVELOPMENT

Leaders in bringing latest technology to life with easy to use products.



IOT APPLICATIONS

Keeping up with the times by designing and developing smart products.



Research & Development

Constantly researching new technologies that takes our product



Single Board Computers

Leading distributor and product developer on popular Single Board

Protective Cases

RASPBERRY PiSHELL WITH CAMERA OPTION



Camera Cover

Body Bumper

Base Bumper



PiShell Cases Layer

Top, Middle, Bottom

- **PiShell** is available in 5 different colors - **Red, Blue, Green, White, Black**
- 3-layered body: **Base bumper, Body bumper, and the Camera cover**
- Designated slot for **camera mounting**
- Easy access to **GPIO pins header**

RASPBERRY Pi OPEN CASES



Raspberry Pi 3B+, 3, 2
Clear Case



Raspberry Pi 3B+, 3, 2
White Case



Raspberry Pi 3B+, 3, 2
Green Case



Raspberry Pi 3B+, 3, 2
Blue Case



Raspberry Pi 3B+, 3, 2
Black Case

RASPBERRY Pi 3.2" LCD CASES



Raspberry Pi 3B+, 3, 2
LCD 3.2" Clear Case



Raspberry Pi 3B+, 3, 2
LCD 3.2" Blue Case



Raspberry Pi 3B+, 3, 2
LCD 3.2" Black Case

RASPBERRY Pi ZERO/W CASES



Raspberry Pi Zero / W
White Case



Raspberry Pi Zero / W
Clear Case



Raspberry Pi Zero / W
Black Case



Raspberry Pi Zero / W
Open Case



Raspberry Pi Zero / W
Open Case



Raspberry Pi Zero / W
Open Case

RASPBERRY Pi CAMERA CASES



Raspberry Pi Camera
Clear Case



Raspberry Pi Camera
Black Case



Raspberry Pi Camera
Green Case



Raspberry Pi Camera
Blue Case



SPi-Box
Black Case



SPi-Box
White Case

RASPBERRY Pi MODEL A+ CASES



Raspberry Pi Model A+
Black Case



Raspberry Pi Model A+
Clear Case

RASPBERRY Pi PiFACE CASES



PiFace Digital 2
Clear Case



PiFace Digital 2
Black Case

RASPBERRY Pi CLOSED CASES



Raspberry Pi 3B+, 3, 2
White Closed Case



Raspberry Pi 3B+, 3, 2
Black Closed Case



Raspberry Pi 3B+, 3, 2
Blue Closed Case



Raspberry Pi 3B
Black Case with Reset Switch



Raspberry Pi 3B
White Case with Reset Switch



Raspberry Pi 3B+, 3, 2
Clear Case

RASPBERRY Pi BUMPER CASE



Raspberry Pi 3B+, 3, 2
Bumper Case

MEDIA Pi CASE



Raspberry Pi 3B+, 3, 2
Black Case

BEAGLEBONE CASES



BeagleBone
Black Case



BeagleBone
Clear Case



BeagleBone
Yellow Case



BeagleBone
Pink Case



BeagleBone
Blue Case



BeagleBone Green
Wireless Clear Case

BANANA Pi CASES



Banana Pi
Black Case



Banana Pi
Yellow Case



Banana Pi
Clear Case

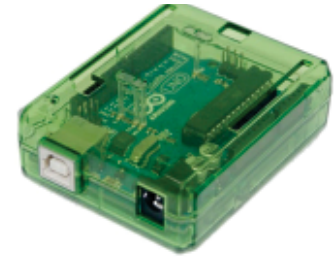
ARDUINO UNO CASES



Arduino UNO
Clear Case



Arduino UNO
Black Case



Arduino UNO
Green Case



Arduino UNO
Pink Case



Arduino UNO
Blue Case



Arduino UNO
Yellow Case

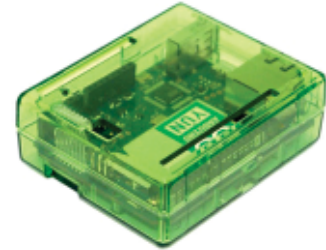
ARDUINO YUN CASES



Arduino YUN
Clear Case



Arduino YUN
Black Case



Arduino YUN
Green Case



Arduino YUN
Pink Case



Arduino YUN
Blue Case



Arduino YUN
Yellow Case

ARDUINO MEGA CASES



Arduino Mega
Black Case



Arduino Mega
Blue Case



Arduino Mega
Clear Case

ARDUINO ZERO CASES



Arduino Zero
Black Case



Arduino Zero
Clear Case



Arduino Zero
Blue Case

ARDUINO GENUINO & LENARDO CASE

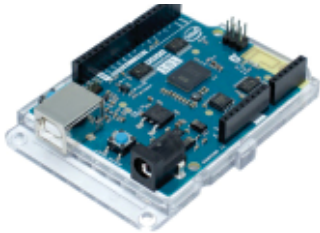


Arduino Genueino
Clear Case



Arduino Lenardo
Clear Case

ARDUINO BUMPER CASE



Arduino Bumper
Clear Case

MICRO:BIT CASES



Micro:Bit
Clear Case



Micro:Bit
Black Case

BOOMBIT



BoomBit
Music Player for micro:bit

- Inbuilt **Speaker & Headphone support**
- **No** wiring required
- Easy **Connections**
- Easily **Programmable**
- Volume **Control**

Touch Screen **DISPLAY**

2.8"
LCD



2.8 inch RPi LCD (A)

- 320×240 resolution
- Resistive touch control
- 4 user keys

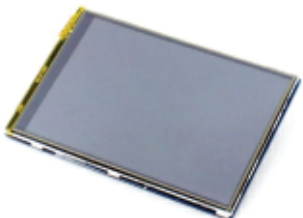
3.2"
LCD



3.2 inch RPi LCD (B)

- 320×240 resolution
- Resistive touch control
- 3 user keys

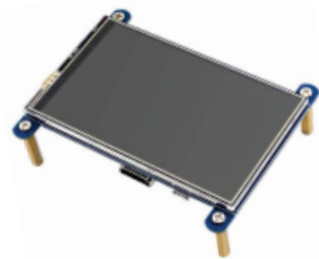
3.5"
LCD



3.5 inch RPi LCD (B)

- 320×480 resolution
- Resistive touch control
- IPS Technology

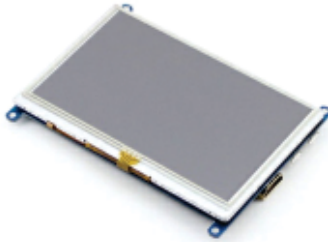
4"
LCD



4inch HDMI LCD

- 800×480 resolution
- Resistive touch control
- IPS Technology

5"
LCD



5 inch HDMI LCD (A)

- 800x480 resolution
- Resistive touch control
- HDMI Interface

5"
LCD

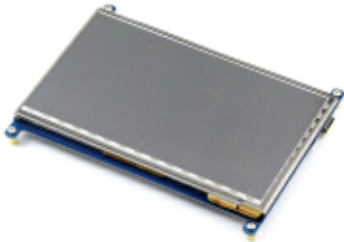


5 inch HDMI LCD (H)

With
Speaker

- 800x480 resolution
- Capacitive touch screen
- Support HDMI audio output

7"
LCD



7 inch HDMI LCD (B)

- 800x480 resolution
- Capacitive touch screen
- HDMI Interface

7"
LCD



7 inch HDMI LCD (H)

With
Speaker

- 1024x600 resolution
- Capacitive touch screen
- Support HDMI audio output

10.1"
LCD



10.1 inch HDMI LCD (A)

In-built
Hi-Fi
Speaker

- 1280x800 high resolution
- Toughened glass capacitive touch
- Dual HDMI ports panel
- Play videos via USB flash drive
- Comes with 45° tilt angle stand

Raspberry Pi

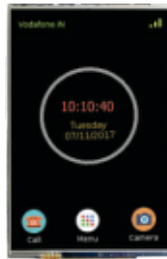
HAT'S/Shield

PiTalk

Modular **Smartphone** for Raspberry Pi



3.2" LCD



4" LCD



5" LCD

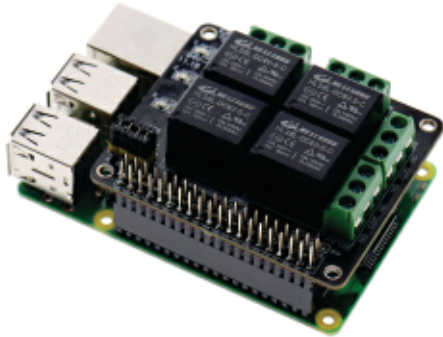
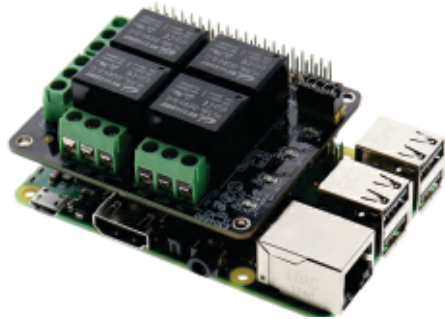


Features

- Quectel UC 15 UMTS/HSDPA module
- Download speed is 3.6Mbps and Upload speed is 384Kbps
- 3.5mm Audio Jack and Mic/Speaker supports
- Connect with Raspberry Pi through GPIO or USB cable
- Two Communication port i.e. USB and GPIO
- Queclocator for location tracking
- Different apps for interaction with PiTalk

PiRelay

Relay Shield for Raspberry Pi



Features

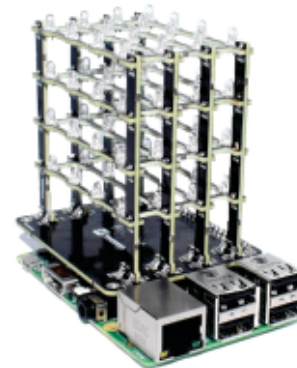
- LED's for indicating status of each relay
- Standardized shield shape and design
- 4-Relay module
- Raspberry Pi 2, 3, ZERO compatible
- High-quality relays
- 40-Pin Stacking Header for accessing GPIO of Raspberry Pi

PiCube

LED Cube for Raspberry Pi

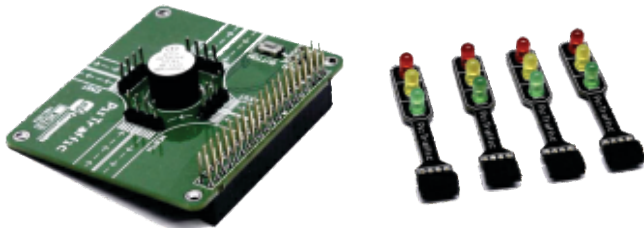
Features

- 64 high intensity monochromatic LED's
- Available in three vibrant colors i.e. RED, GREEN, BLUE
- GPIO based operation
- 40-pin stacking header for accessing GPIO of Raspberry Pi
- Each Layer as well as each LED can be individually accessed and controlled as per requirements



PiTraffic

Traffic Light Shield for Raspberry Pi



Features

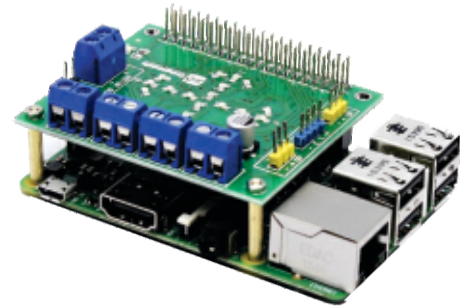
- 4 Stand with three lights
- Buzzer as roundabout
- 4 roads marked as East, West, North & South directions
- Easy Programming
- 40-pin female header included boosting height for Raspberry Pi B+, 2, 3

MotorShield

Motor Driver for Raspberry Pi

Features

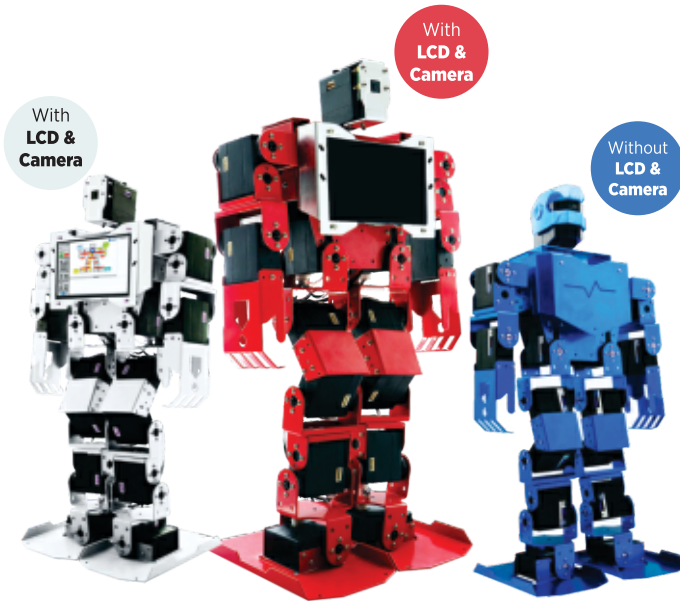
- Motor Input Supply Range: 6V – 24V
- Single Motor Output Current: 600mA or 1A peak current per channel
- Onboard LED arrow indicator for motor direction control
- 2 IR & 1 Ultrasonic sensor Connectors with 3.3V level output protection
- 40 pin GPIO stacking header for all Raspberry Pi



Robots

PiMecha

Humanoid Robot based on **Raspberry Pi**



PiMecha Features

- **PiMecha** can be used in **STEM education, Robotic Studies, Programming, Research & Development** and much more...
- **PiMecha** Use **17 Digital Serial Servos**
- **PiMecha** comes with **Li-Ion battery**
- Completely assembled, **Ready to Play**
- **PiMecha** can do multiple movements

PiMecha is a miniature Humanoid robot. Its core is the Raspberry Pi and it moves around with precise smart bus servo motors. It is versatile, upgradable and customizable with various parts, sensors and cameras.



Robotic Arm based on Raspberry Pi

Features

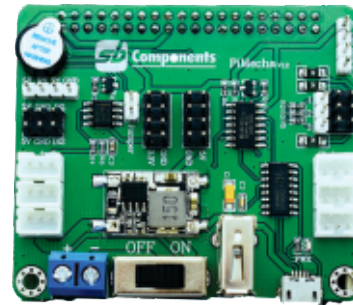
- 6 Degree of Freedom
- Digital Servo with LED indicators
- Full Metallic Body
- 5" & 7" touch-screen LCD & speaker support
- Multiple controlling via joystick, GUI & library
- DIY Robotic arm
- Open source
- Python based library & GUI
- Camera & Sensors Support
- Compatible with all Raspberry Pi



Digital Servo Shield

Features

- Control upto **255 digital servos**
- **On-board** power regulator for Raspberry Pi
- Inbuilt **low battery detection**
- On-board connector - **2 IR sensor, 1 Ultra-sonic sensor, 1 bluetooth**
- **On/Off Switch**



Raspberry Pi Laptop Kit

LapPi

DIY Laptop based on **Raspberry Pi**

LapPi Feature

- Easily **configurable**
- Completely **DIY, easy assembling**
- **Acrylic sheet** case
- Available in 2-different screen size options - **5" & 7"**
- **WiFi** connectivity
- Compatible with all variants of **Raspberry Pi**
- **Speaker** support
- **Power On/Off Switch**
- **Battery** Operated



Maker Sphere Kit

Maker Sphere Kit

Raspberry Pi Kits & Bundles



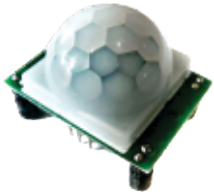
MAKE
YOUR OWN
PROJECTS



Accessories

Accessories

Raspberry Pi Accessories



PIR Infrared
Motion Sensor



Jumper wire
Ribbon



Raspberry Pi
Camera Cable



Raspberry Pi 3
Power Supply 5V



Ultrasonic
Sensor



HDMI
Dongle & Cable



Cameras



Many
More →

Press Release

Press Release



LCD CONTROL CASE

A single case for mini-LCD Raspberry Pi screens - how does it hold up under pressure?

Let's face it: the Raspberry Pi is a tiny little board, and it's not always easy to see what's going on. But the LCD CONTROL CASE is a single case for mini-LCD Raspberry Pi screens - how does it hold up under pressure?

The LCD CONTROL CASE is a single case for mini-LCD Raspberry Pi screens - how does it hold up under pressure?

The LCD CONTROL CASE is a single case for mini-LCD Raspberry Pi screens - how does it hold up under pressure?

Enabling via SSH

If you are accessing your Raspberry Pi over the network, you'll need to enable the camera via the raspi-config tool. Enter the following in a Terminal window:

```
sudo raspi-config
```

Select '5 - Interfacing Options' > 'Pi - Camera' > 'Yes' to enable the camera. Press 'Enter' on <Ok> and choose <Finish>. When prompted to reboot, choose <Yes>. We're now set to go.

Raspberry Pi Camera Case

Using a full-sized Raspberry Pi? Why not buy a Raspberry Pi case designed to accommodate the Camera Module, such as the PiSH?



PI TRAFFIC

Build a working set of traffic lights and control them with code. By Lucy Hennessy

What if you could control your traffic lights with code? PiTRAFFIC is a Raspberry Pi project that lets you build a working set of traffic lights and control them with code.

The PiTRAFFIC project is a Raspberry Pi project that lets you build a working set of traffic lights and control them with code.

BEST NEW PRODUCTS FOR PI

These Raspberry Pi add-ons and accessories are worth a look.



MAKER SPHERE STARTER KIT

The Maker Sphere Starter Kit is a Raspberry Pi add-on that lets you build a working set of traffic lights and control them with code.



PI SH

The PiSH is a Raspberry Pi case designed to accommodate the Camera Module, such as the PiSH.

The PiSH is a Raspberry Pi case designed to accommodate the Camera Module, such as the PiSH.

PIMECHA

THE PI-POWERED ROBOT

PiMech is a Raspberry Pi-powered robot that lets you build a working set of traffic lights and control them with code.

The PiMech project is a Raspberry Pi project that lets you build a working set of traffic lights and control them with code.

10 LCD CONTROL CASE BUNDLES MUST BE WON!

WHAT WOULD YOU MAKE USING THE CONTROL CASE BUNDLE?

Tell us by 23 December for your chance to win!



How to enter

Upcoming Projects

Motor
Shield
V2

6WD
Robot

PiCube
RGB

PiRelay
V2

PiTalk
2G/3G/4G
NB-IoT



*& many more to **COME...***



GET IN TOUCH

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Shop



Website

