

# faya lab

## Products



# Sales kits

The most interesting way to learn electronic knowledge

The best choice to start Arduino Project

Complete kits with tutorial

High Quality

Affordable Price

# faya-nugget

## Arduino & LEGO compatible Modules

faya-nugget is an Arduino module system that designed to be played with LEGO bricks. With this true electronic brick design, now you can build circuit and structure at the same time.

With faya-nugget, you can put your Arduino project into LEGOs land, or make your LEGO creation alive. The only boundary is your imagination.



faya lab

# faya-nugget Starter Pack

**Tutorial:**

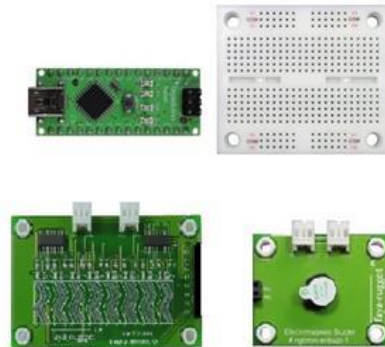
<http://goo.gl/zulaZX>

Includes:

fayduino Nano

faya-nugget

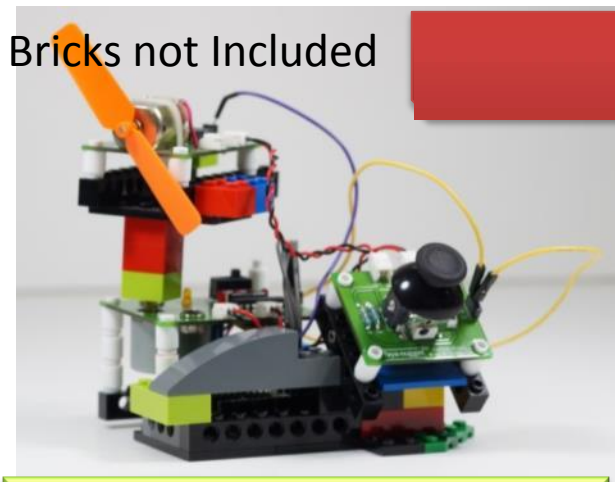
Buzzer / Touch Slider / Bread Board / Wire Pack



Bricks not Included

**Tiny Electro Keyboard**

Bricks not Included



**Joy-O-Fan**

**Tutorial:**

<http://goo.gl/XPFel4>

Includes:

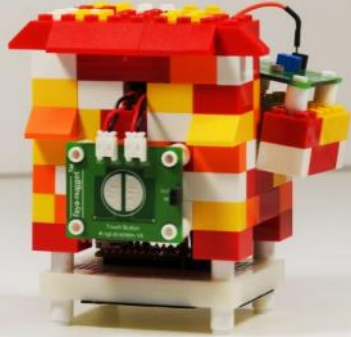
fayduino Uno

faya-nugget

3V DC Motor / Stepper / Joystick / Wire Pack



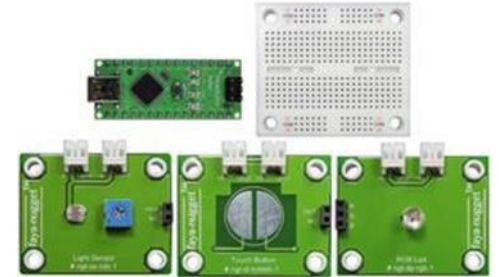
Bricks not Included



## Night Light

**Tutorial:**  
<http://goo.gl/0VjgMI>

Includes:  
fayduino Nano  
faya-nugget  
RGB LED / Touch Button / Light Sensor / Breadboard / Wire Pack



**Tutorial:**  
<http://goo.gl/KuEKVN>

Includes:  
fayduino Uno  
faya-nugget  
Stepper Motor / Buzzer / 8 LED / Interface Board / Touch Button / Wire Pack



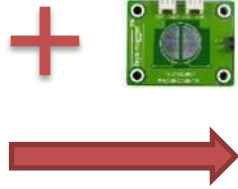
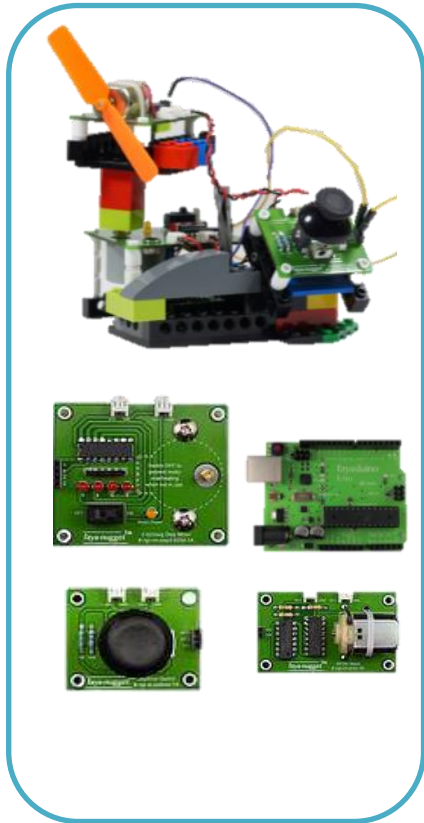
Bricks not Included



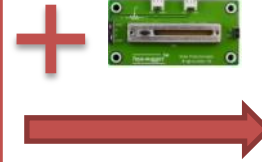
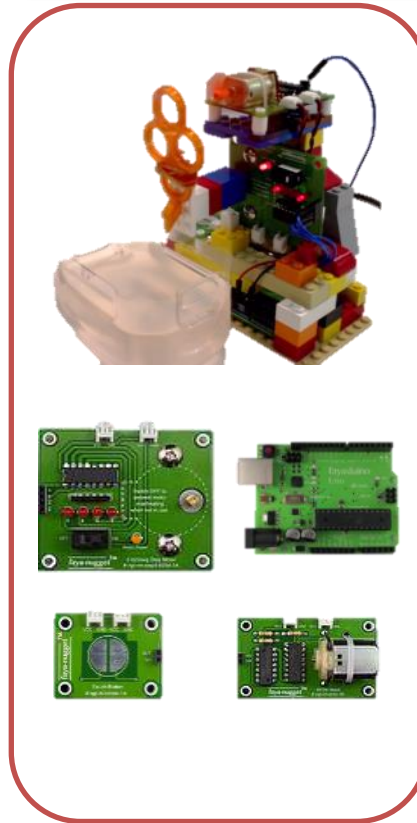
## Open Sesame

# faya-nugget Set

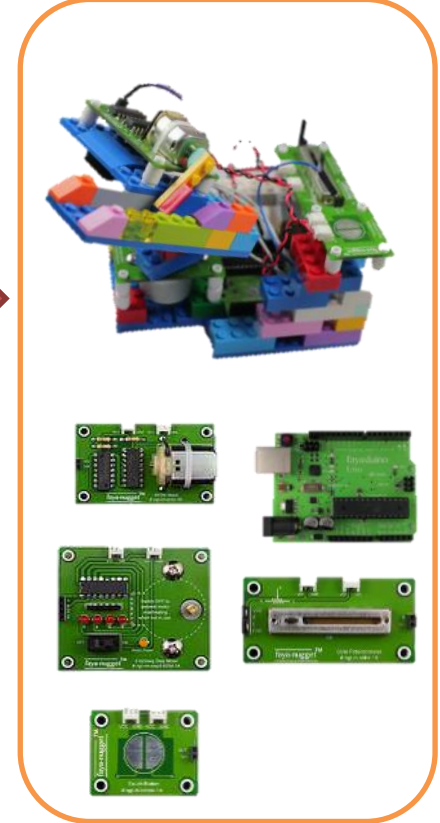
Joy-o-fan



Bubble Maker



Slingshot



- Joy-o-fan nugget set and plus additional two modules, you can enjoy different kinds of combination with faya-nugget.
- Video introduction: [https://www.youtube.com/watch?v=GzMOTFS\\_xkk](https://www.youtube.com/watch?v=GzMOTFS_xkk)

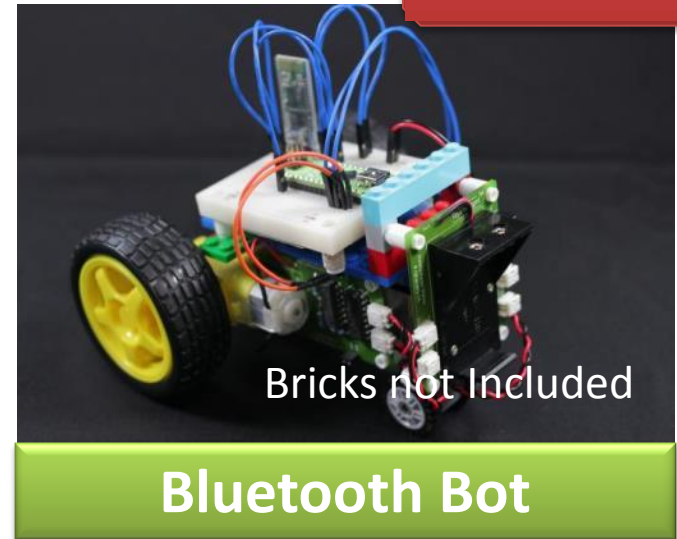
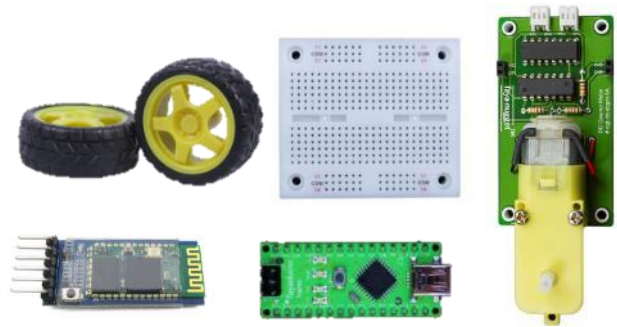
# Smart Robot

Includes:  
fayduino Nano  
faya-nugget:

Breadboard / Gear motor x 2

Bluetooth module(with four pin Vcc/GND/TX/RX ) x 1

Andorid app for a BTcontroller !



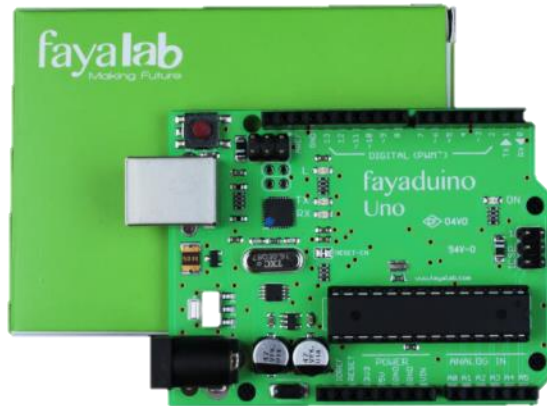
Bricks not Included

**Bluetooth Bot**

**Tutorial:**

<http://goo.gl/iS9ebA>

# fayduino



## ■ fayduino UNO #801-FD0002

fayduino uno is the best choice for arduino beginner. Superior Quality, compatible with arduino uno and made in Taiwan.

## ■ fayduino NANO #801-FD0003

fayduino nano is a tiny and breadboard-friendly board. Compatible with arduino Nano and made in Taiwan.



# fayduino



## ■ fayduino Mega #801-FD0001

It's the same design as arduino MEGA2560. Compatible with original Arduino, Superior Quality, Made in Taiwan.



## ■ fayduino Leonardo #801-FD0004

It's the same design as arduino Leonardo. Compatible with original Arduino, Superior Quality, Made in Taiwan.

# fayduino Starter Pack Basic



## ■ fayalab Arduino learning components pack

This is a complete pack for those who wants to learn Arduino. We provide essential components and parts for you to getting start much more easy!

### This Pack include:

- fayduino Uno X1
- Breadboard x 1
- Jump wire pack x 3
- RGB LED x 1
- Red LED x 5
- Green LED x 5
- TACT Switch x 5
- Speaker x 1
- Servo Motor x 1
- Light sensor x1
- Temperature Sensor TMP36 x 1
- Transistor 2N5551 x 1
- IrDa transmitter / IrDa receiver X1
- Resistors : 330 Ohm x 10 / 1K Ohm x 10 / 10K Ohm x 10
- Capacitors : 100nF x 5 / 100uF x 3 / 100pF x 5
- Diodes 1N4007 DIP x 1
- Pins 16x1x2
- VR 10k x1

# fayduino leaf starter kit



## ■ Arduino learning pack with fayalab leaf series

fayalab leaf series are simple modules to learn Arduino. You can perform all interesting project with this leaf starter kit even though with little understanding in electronics.

We also provide a I2C LCD for you, only use 2 pins in fayduino! You can do more within the fayduino Uno!

### This pack include :

- High Quality Breadboard x 1
- Jump wire pack x 4
- fayalab leaf series : encoder / RTC / Speaker / light sensor / photointerrupter / hall sensor / RGB LEDs / switch
- I2C 1602 LCD module
- fayduino Uno x 1