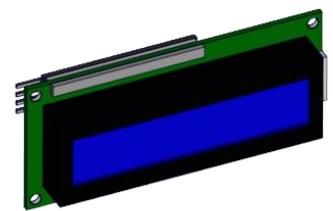
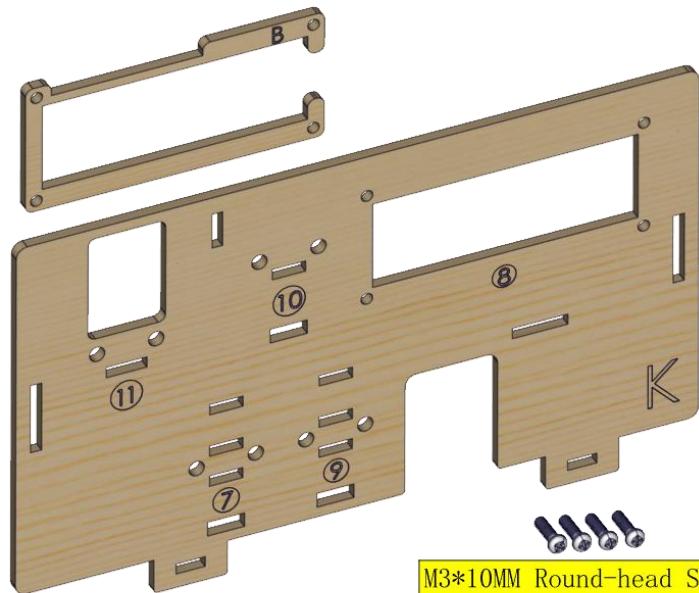


Step 1

Components
Required



×1



×8



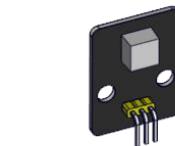
×4



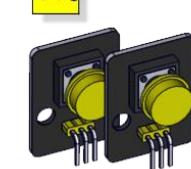
×8



×1



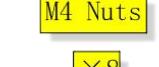
×1



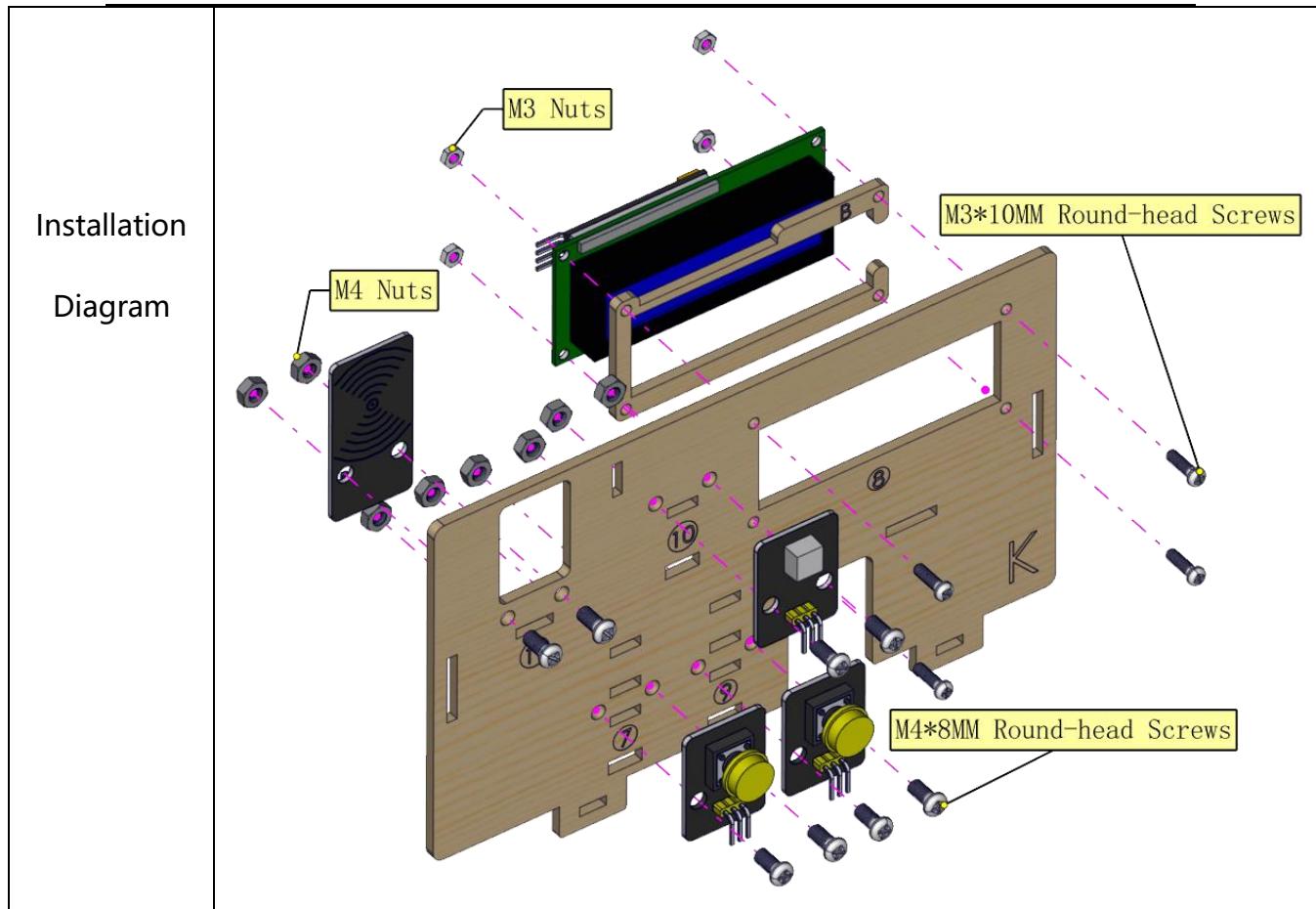
×2

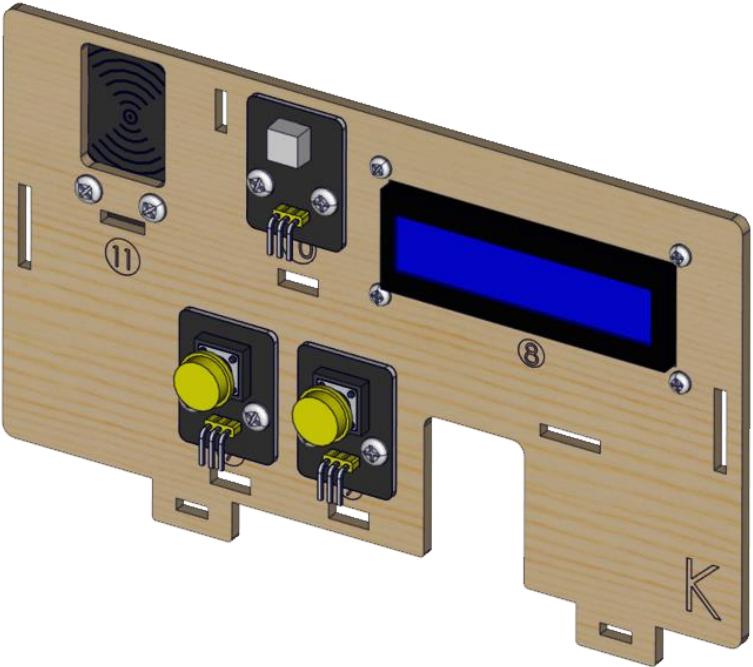
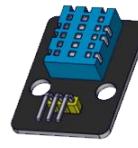
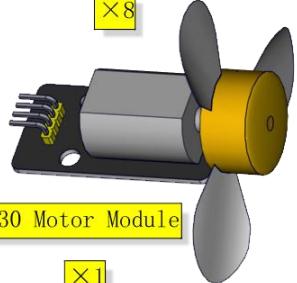
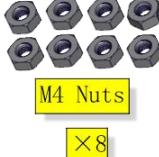
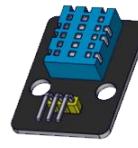
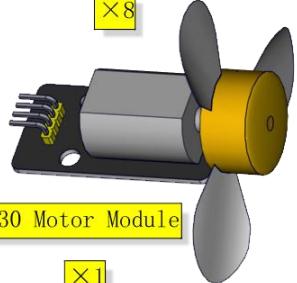
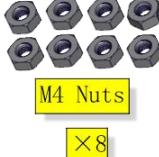
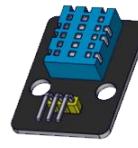
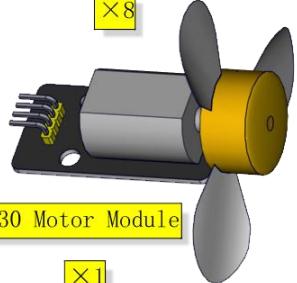
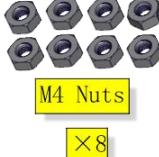
M3*10MM Round-head Screws

×4

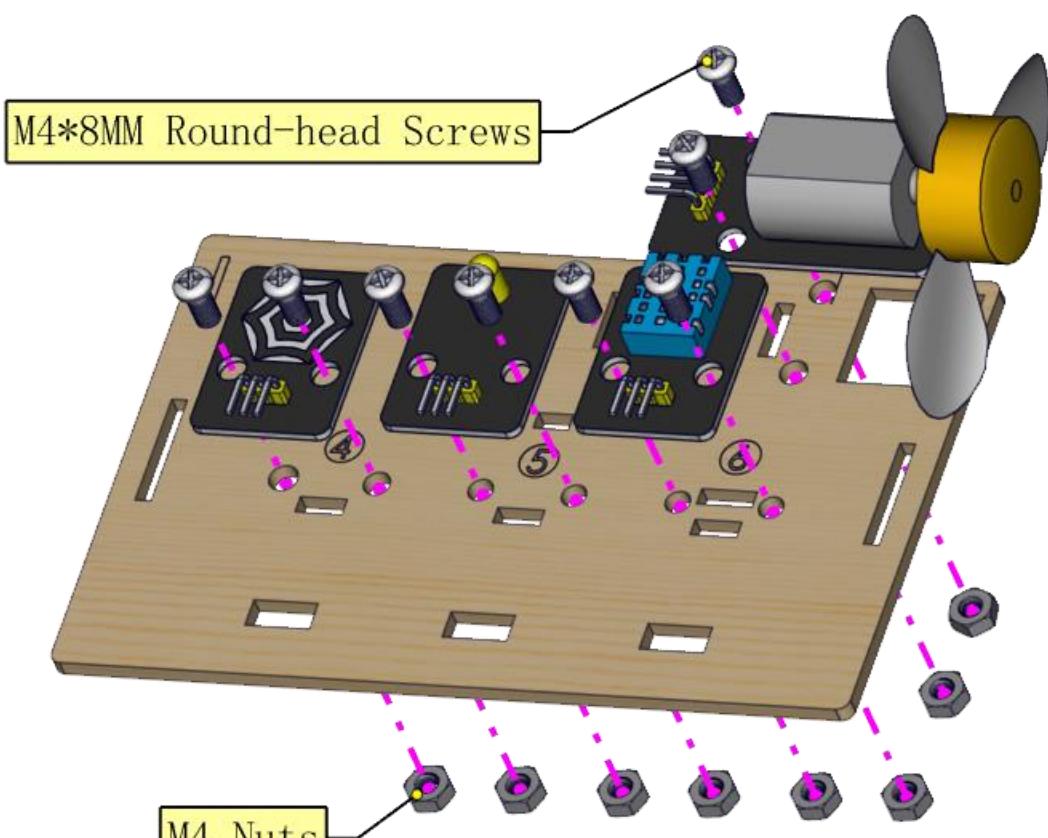


×4

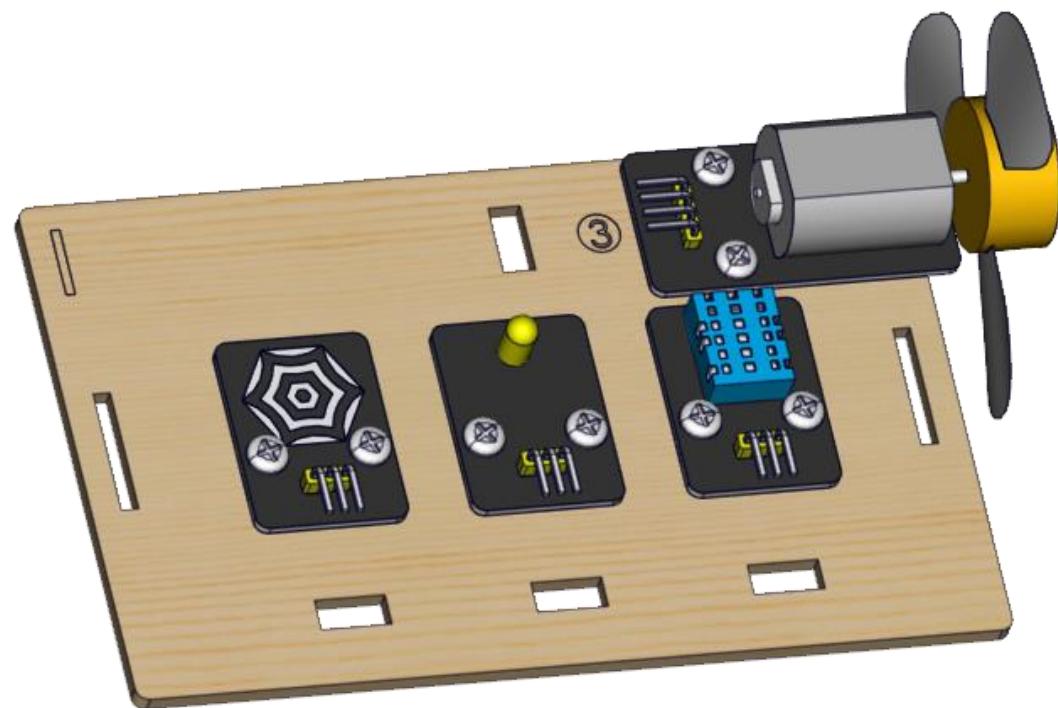


Prototype									
Step 2									
Components Required	 <table><tr><td> Water Drop Sensor ×1</td><td> Yellow LED Module ×1</td><td> DHT11 Temperature and Humidity Sensor ×1</td><td> 130 Motor Module ×1</td></tr><tr><td> M4 Nuts ×8</td><td> M4*8MM Round-head Screws ×8</td><td></td><td></td></tr></table>	 Water Drop Sensor ×1	 Yellow LED Module ×1	 DHT11 Temperature and Humidity Sensor ×1	 130 Motor Module ×1	 M4 Nuts ×8	 M4*8MM Round-head Screws ×8		
 Water Drop Sensor ×1	 Yellow LED Module ×1	 DHT11 Temperature and Humidity Sensor ×1	 130 Motor Module ×1						
 M4 Nuts ×8	 M4*8MM Round-head Screws ×8								

Installation
Diagram



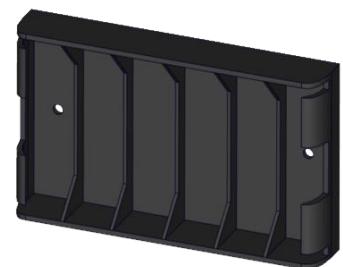
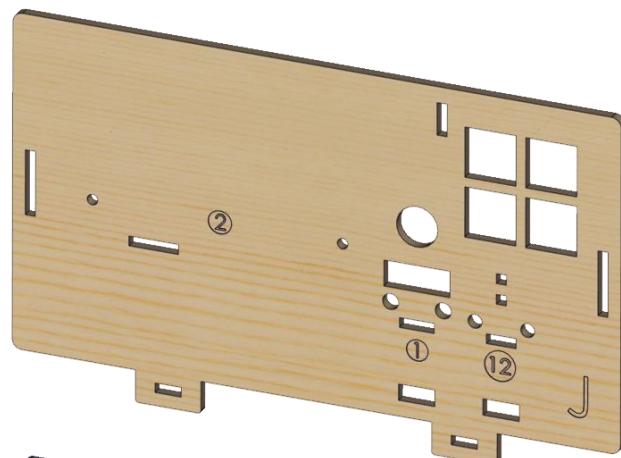
Prototype



Step 3

Components

Required



Six section 5 size
battery holder

×1

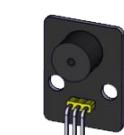


M4 Nuts
×4



Analog Gas Sensor

×1



Passive buzzer
module

×1



M3 Nuts

×2



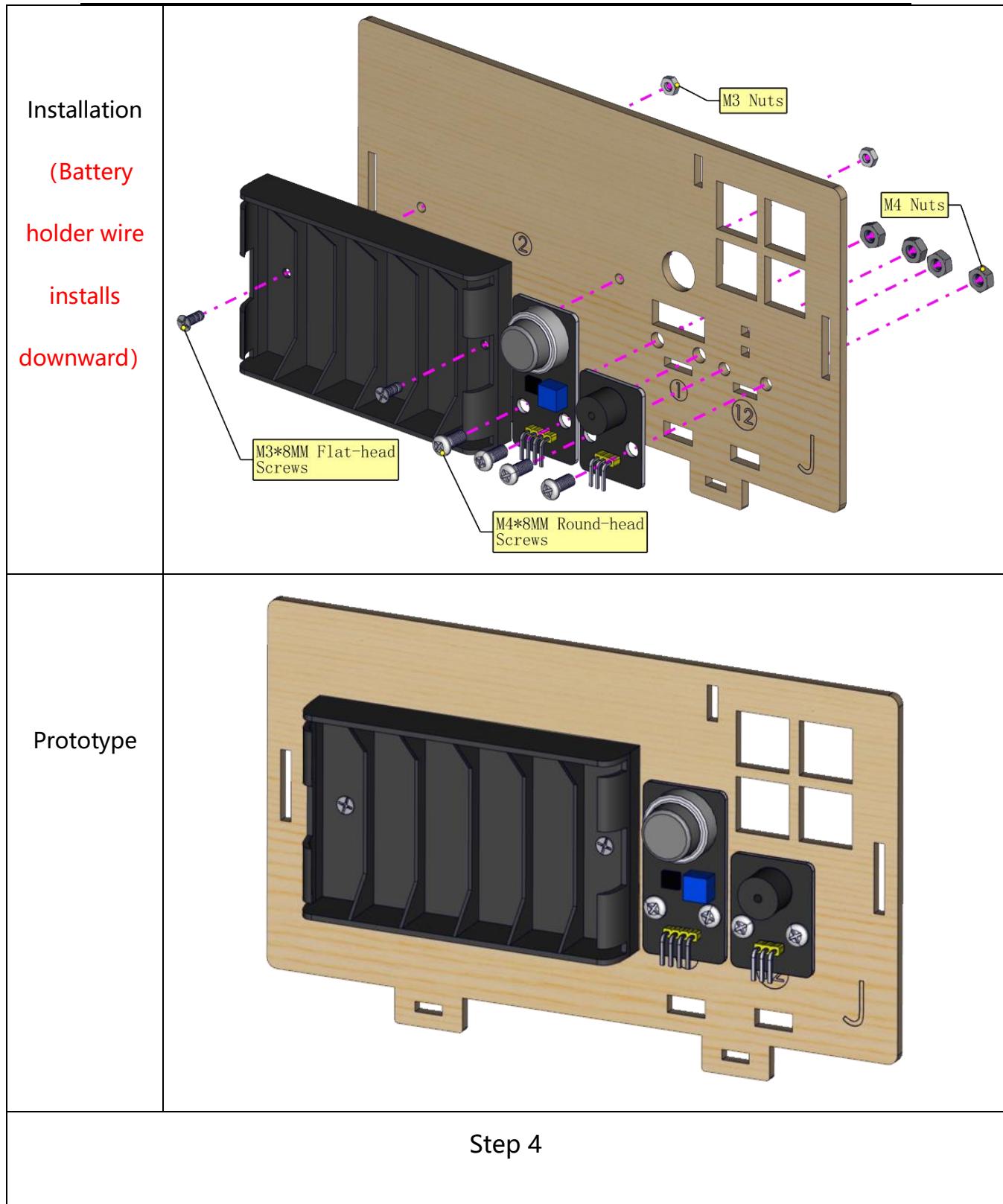
M3*8MM Flat-head
Screws

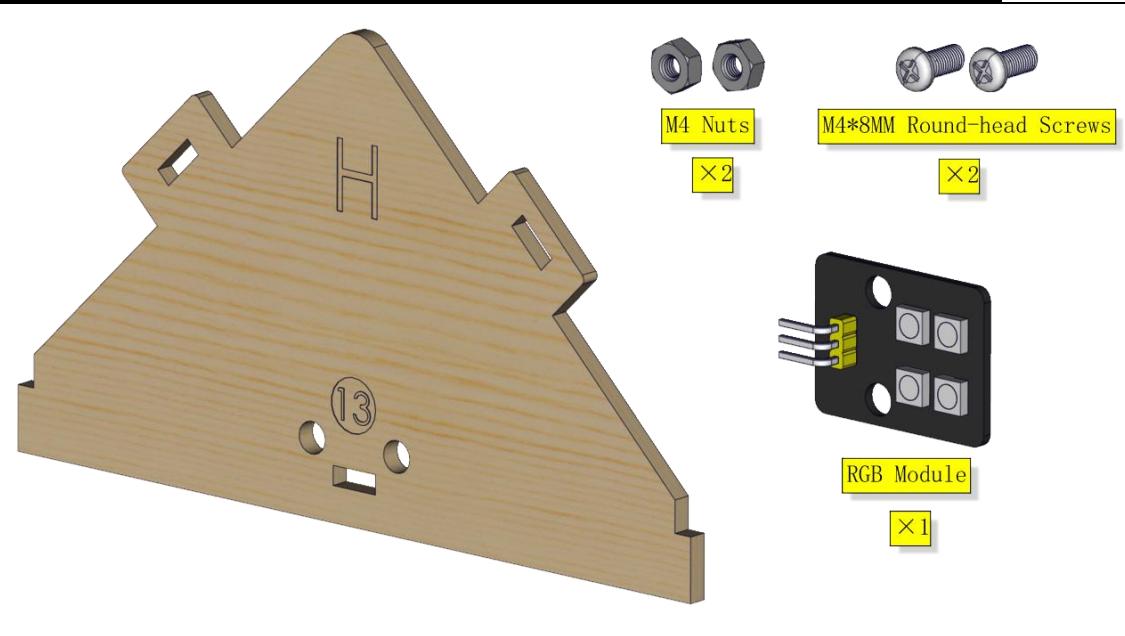
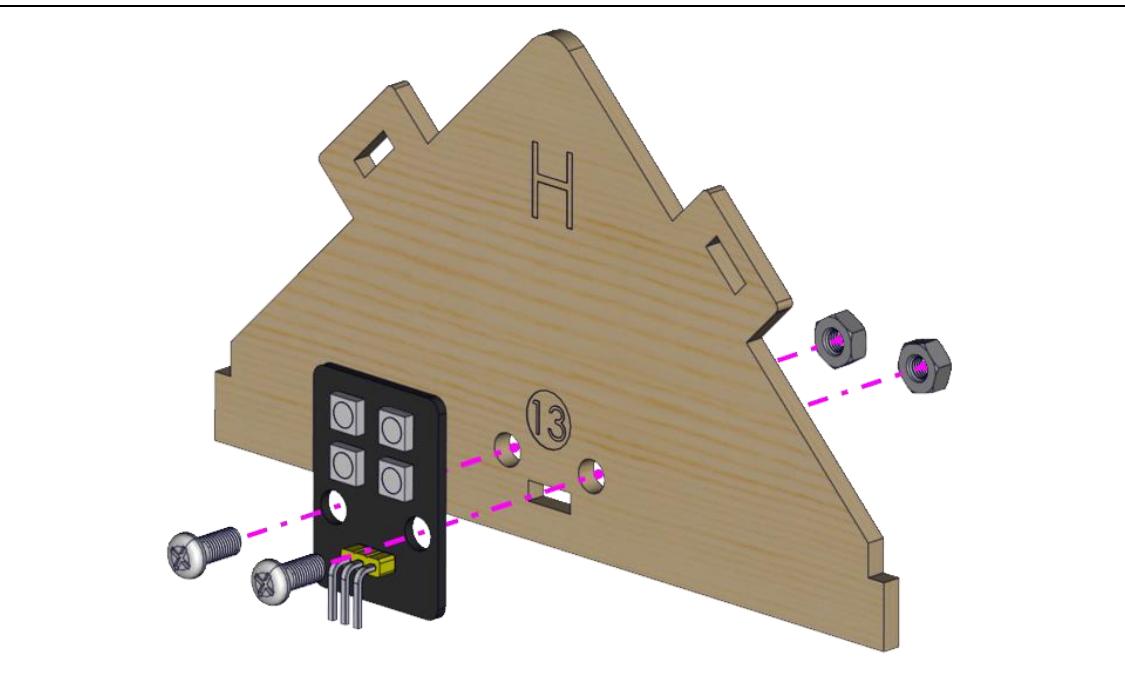
×2



M4*8MM Round-head
Screws

×4



Components Required	 <p>Components Required</p> <ul style="list-style-type: none">M4 Nuts ×2M4*8MM Round-head Screws ×2RGB Module ×1
Installation Diagram	 <p>Installation Diagram</p> <p>The diagram illustrates the assembly process. A black RGB module is positioned at the bottom left of the wooden base plate. Four purple dashed lines connect the module to four circular holes on the plate, indicating the placement of the M4*8MM round-head screws and M4 nuts.</p>

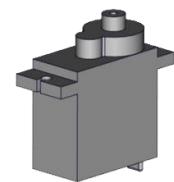
Prototype



Step 5

Components

Required



Keyestudio 180° Servo

×1



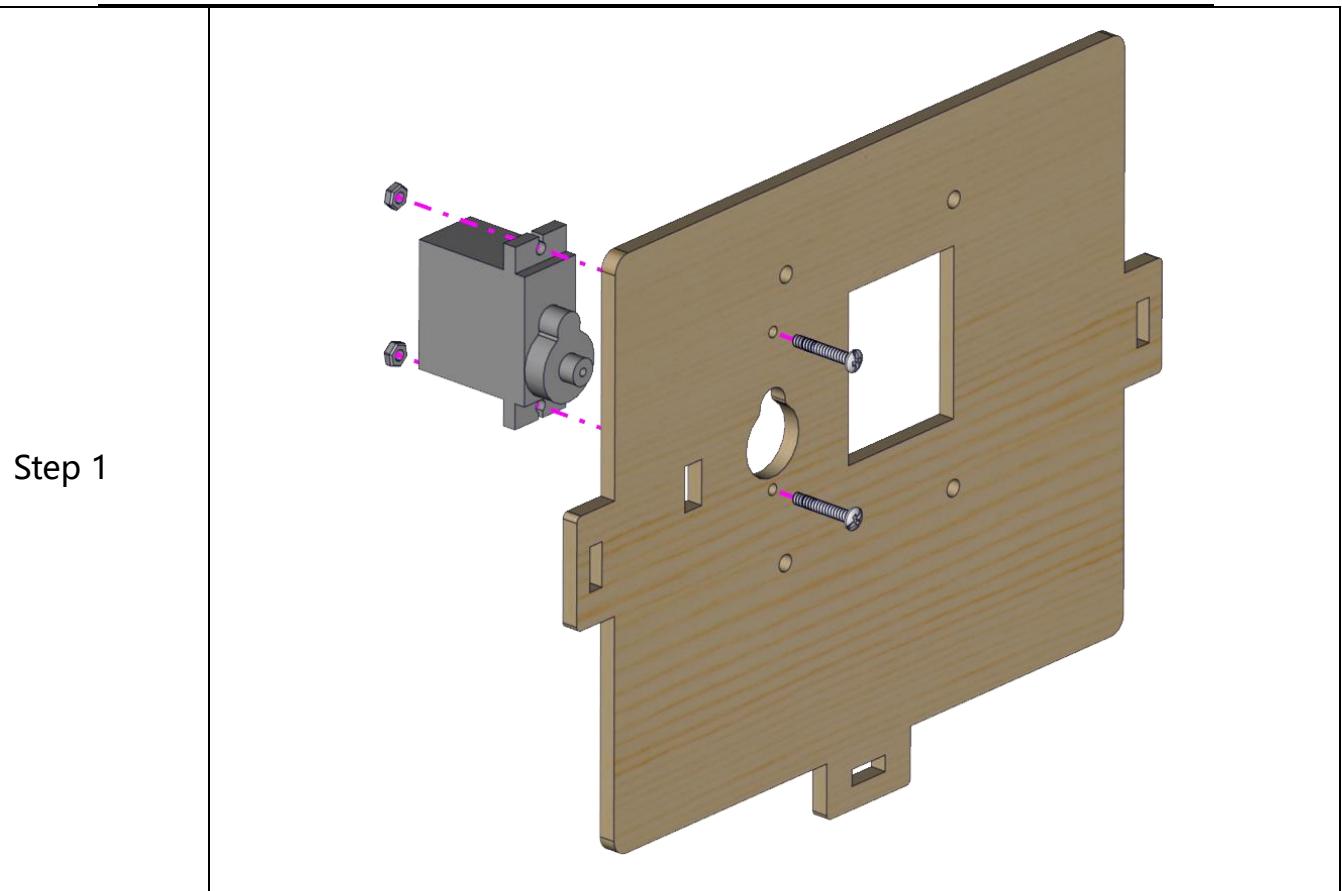
M2 Nuts

×2

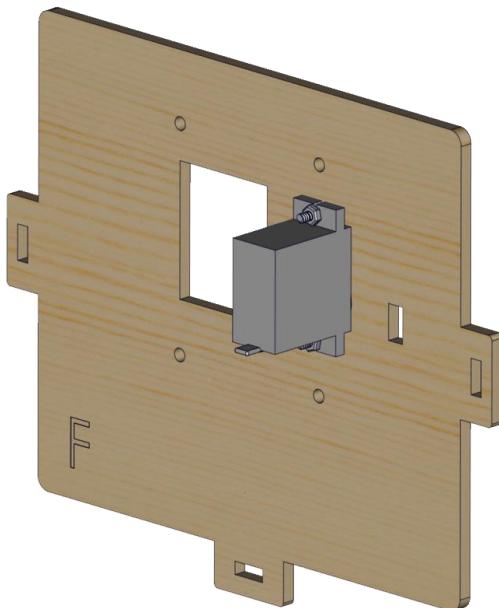


M2*12MM Round-head Screws

×2



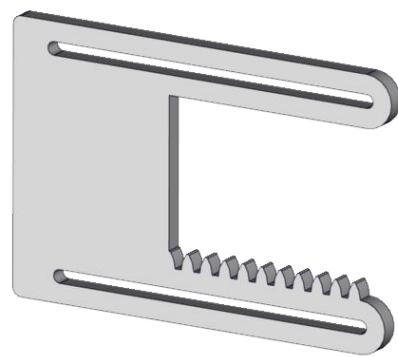
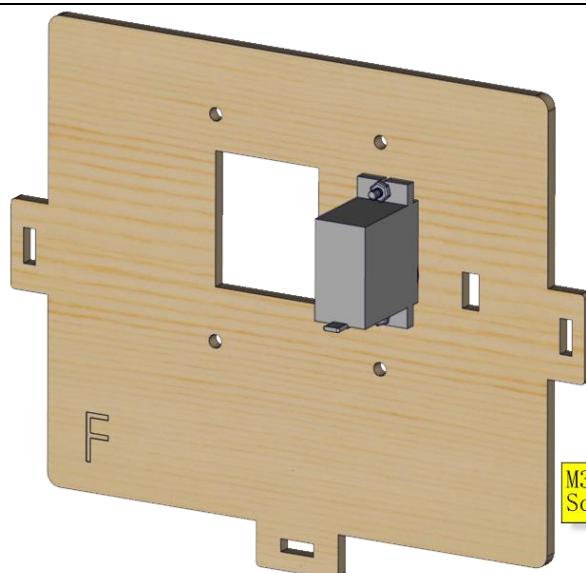
Prototype



Step 6

Components

Required



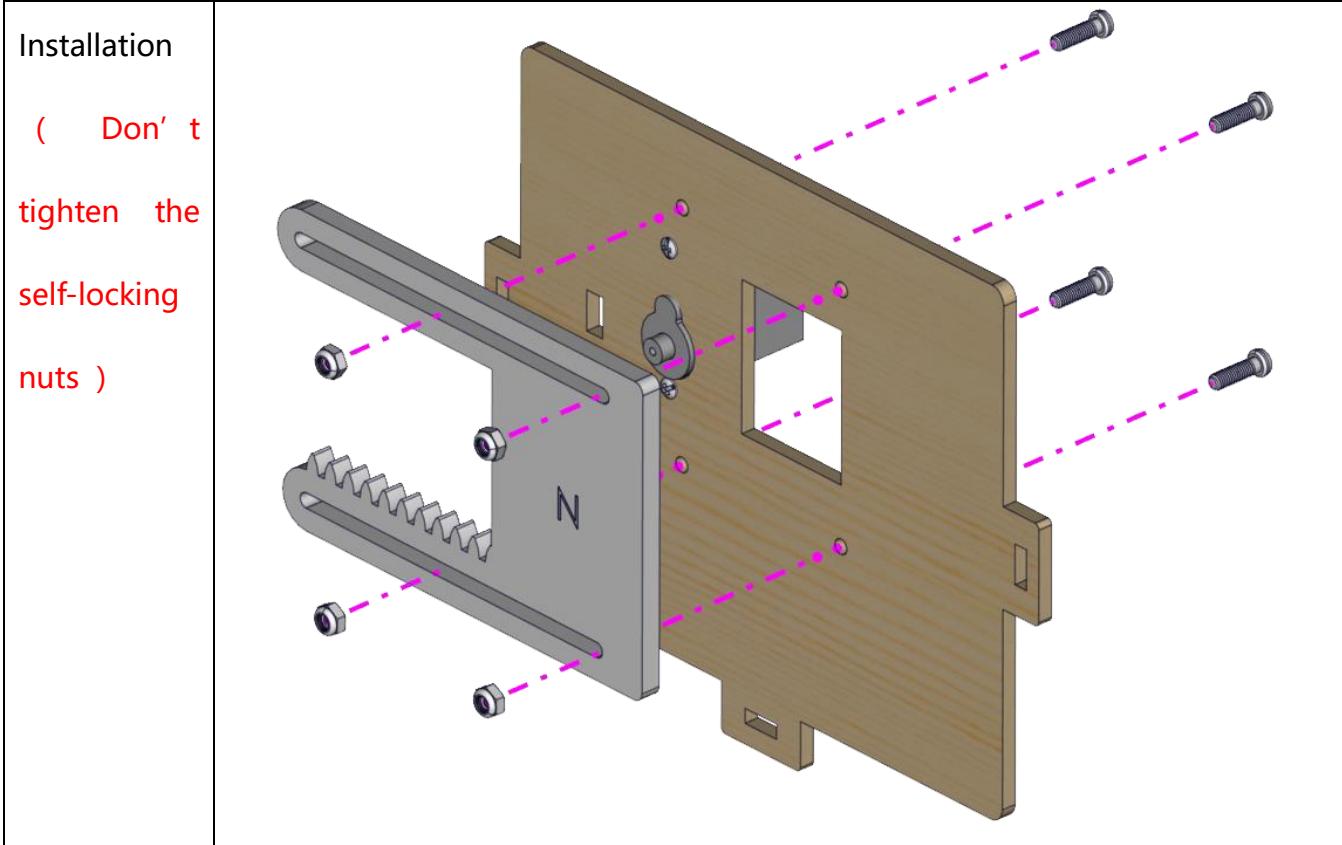
M3*12MM Round-head
Screws

×4

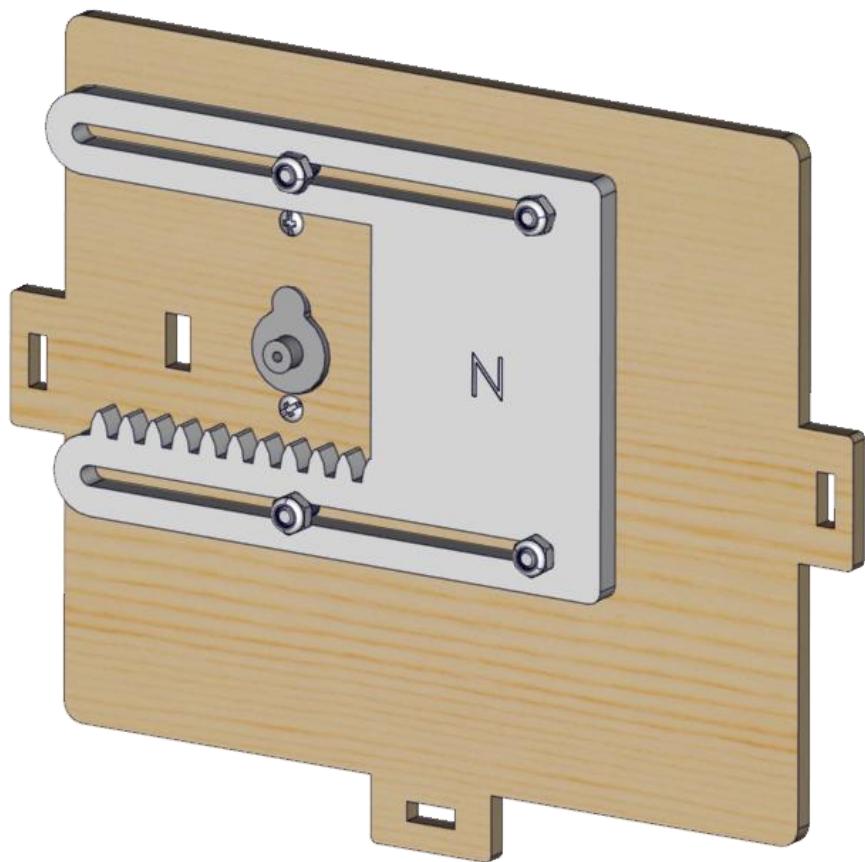


M3 Self-locking Nuts

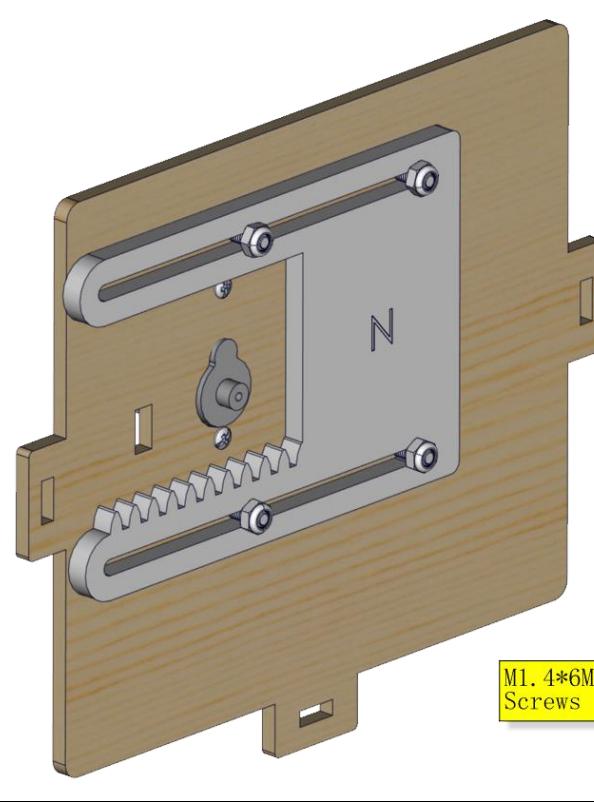
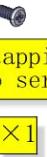
×4



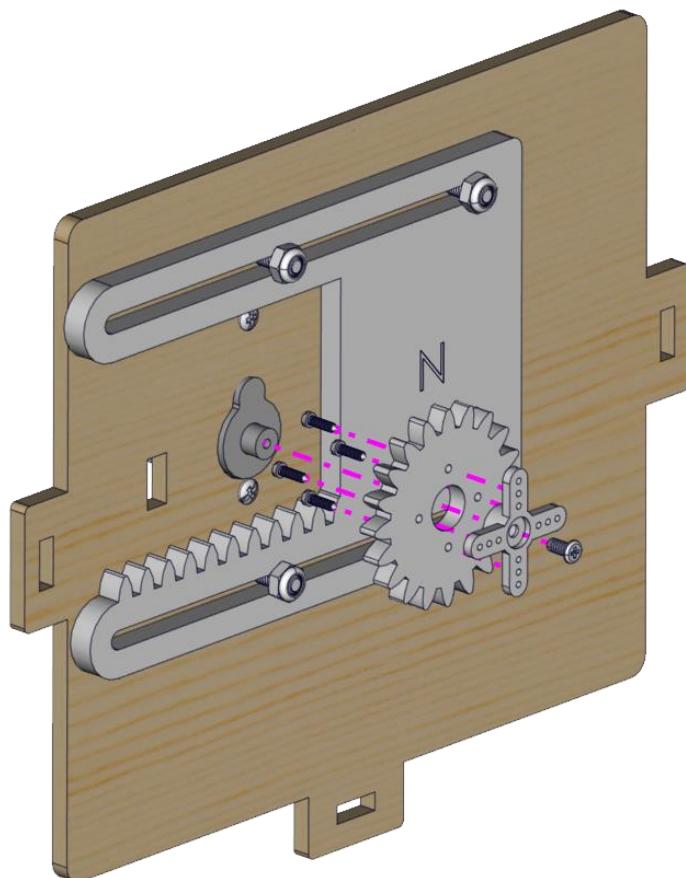
Prototype



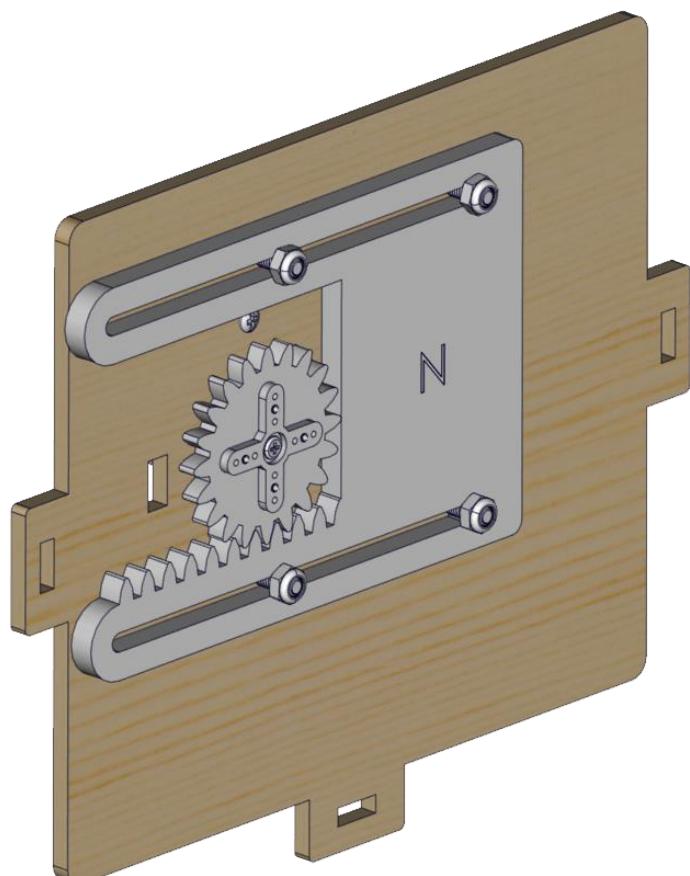
Step 7

Components Required	   <p>Control horn (belong to servo) X1</p>  <p>M1.4*6MM Self-tapping Screws X4</p>  <p>M2*4 Self-tapping Screws (belong to servo) X1</p>
Adjust the angle of the servo before installation	<p>We need to adjust the servo of the window to 0 degree before installation.</p> <p>Please open and burn it to the motherboard, as shown below</p> <p>« 2. Install the Smart Home > window_servo</p> 

Installation
on (As
shown in
the picture)

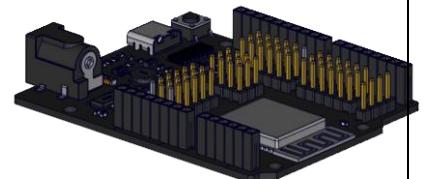


Prototype



Step 8

Components Required



ESP32 PLUS V2.0

×1



M3*10MM Dual Pass Copper Pillar

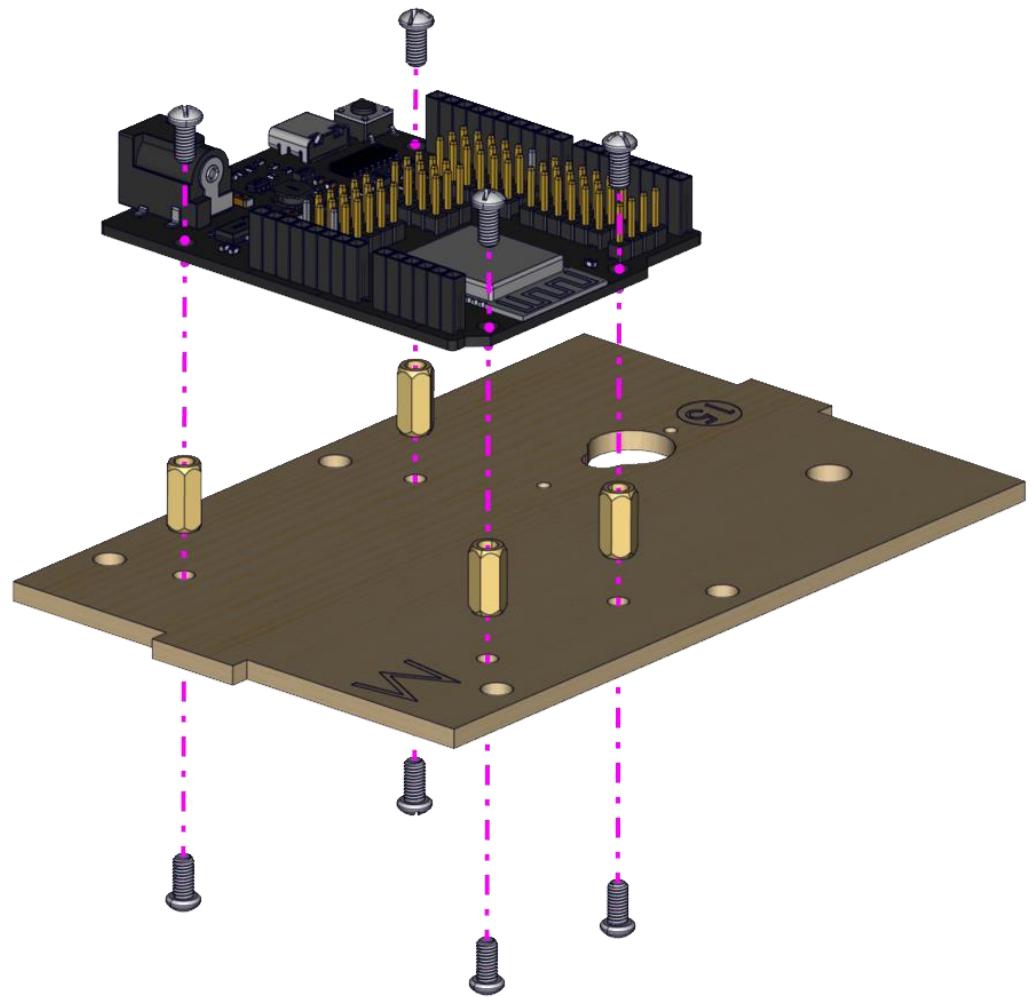
×4



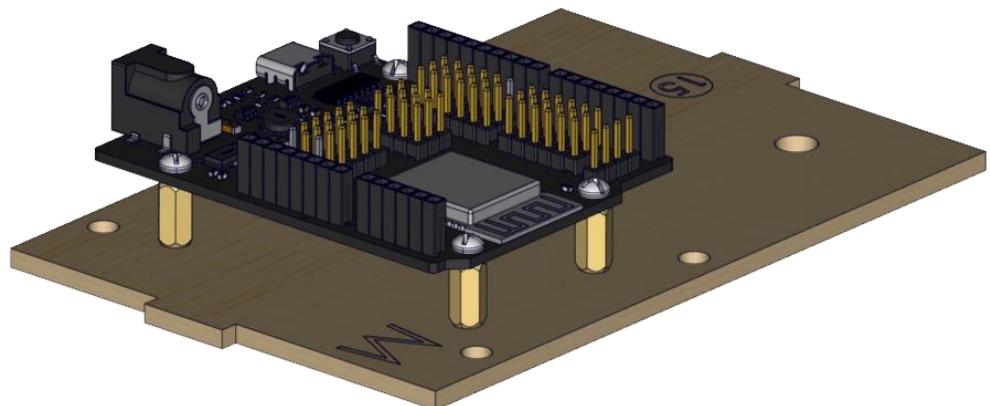
M3*6MM Round-head Screws

×8

Installation
Diagram

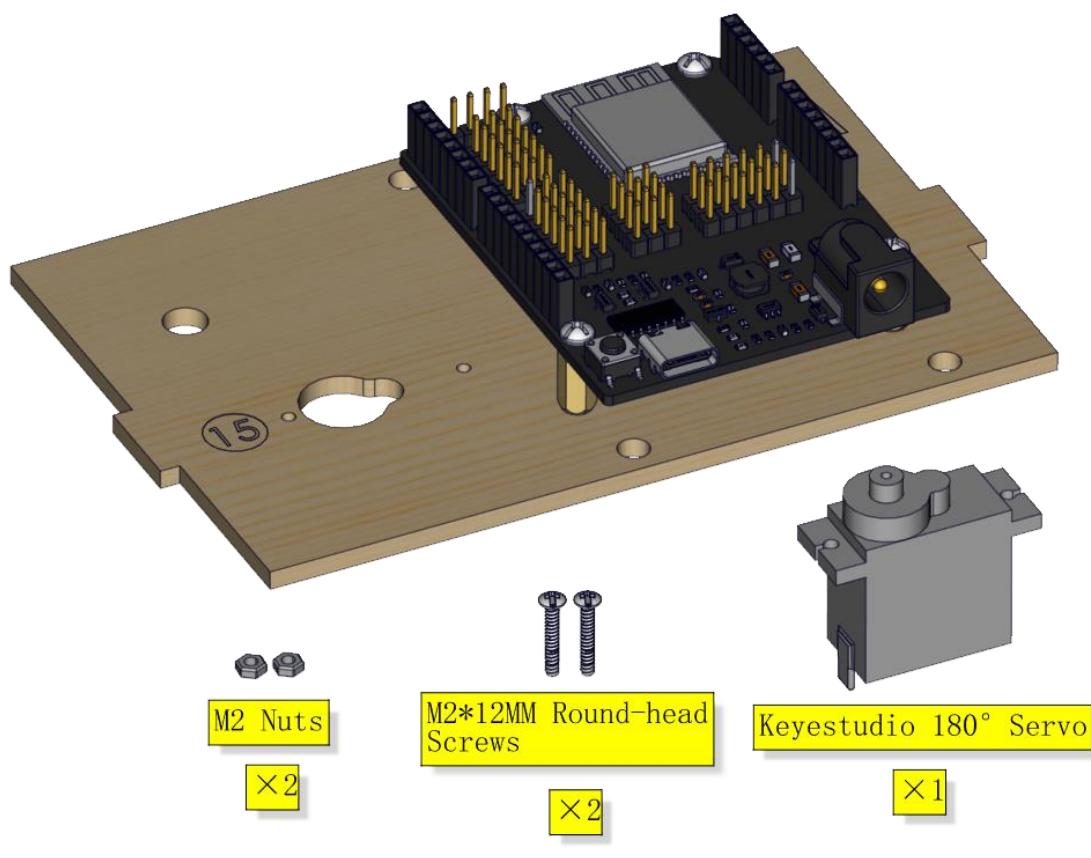


Prototype

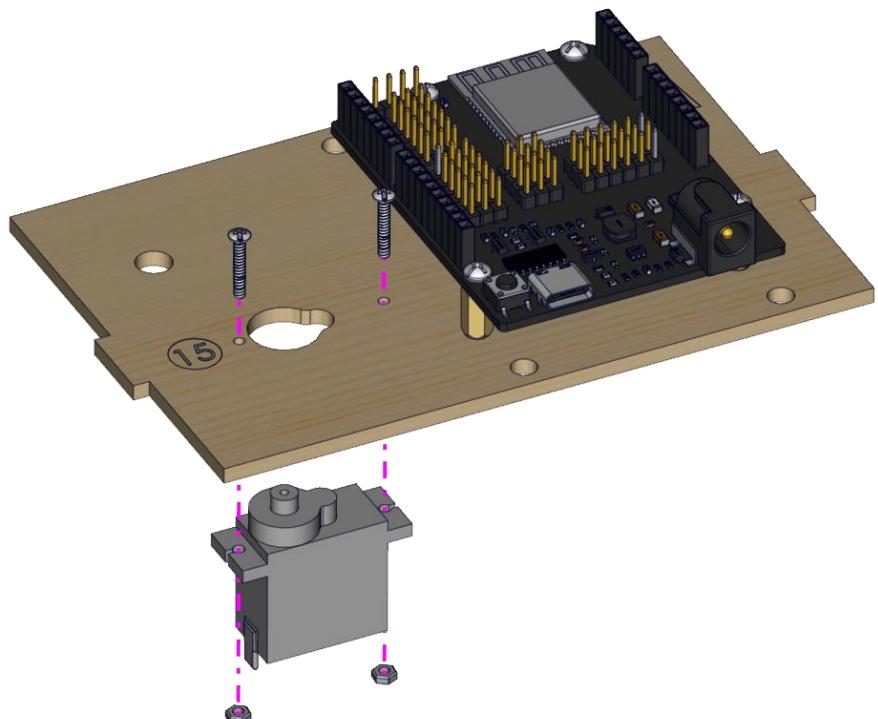


Step 9

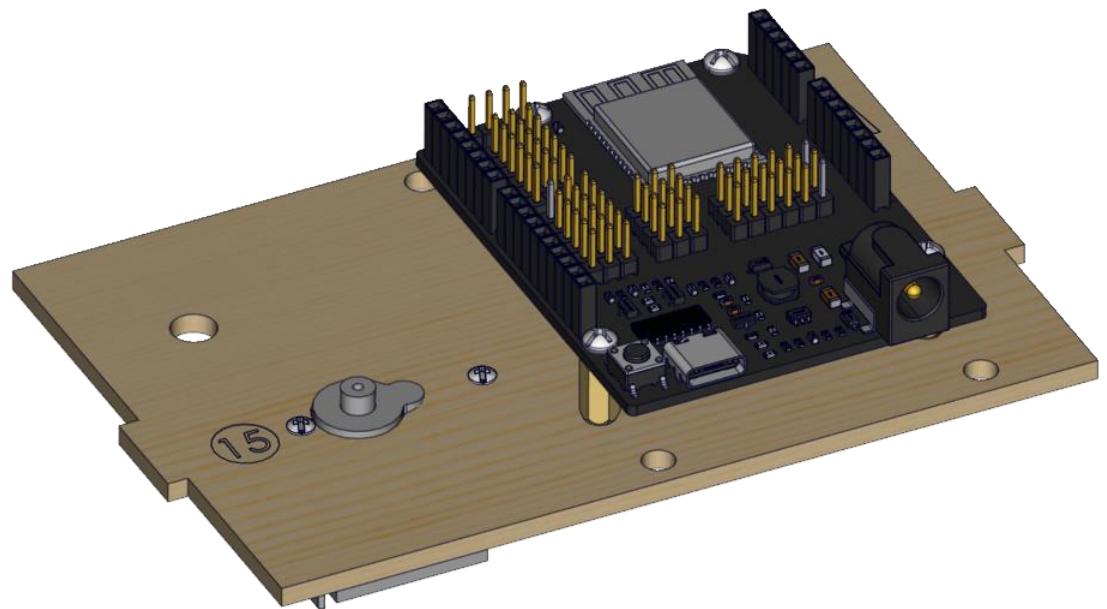
Components Required



Installation
Diagram

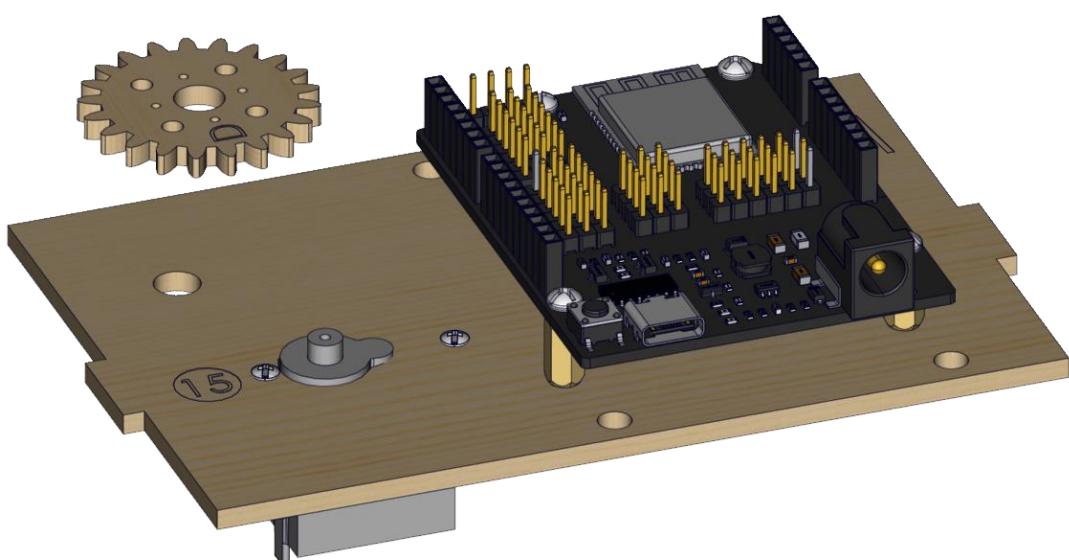


Prototype



Step 10

Components Required



M2*4 Self-tapping Screws
(belong to servo)

×1



M1.4*6MM Self-tapping
Screws

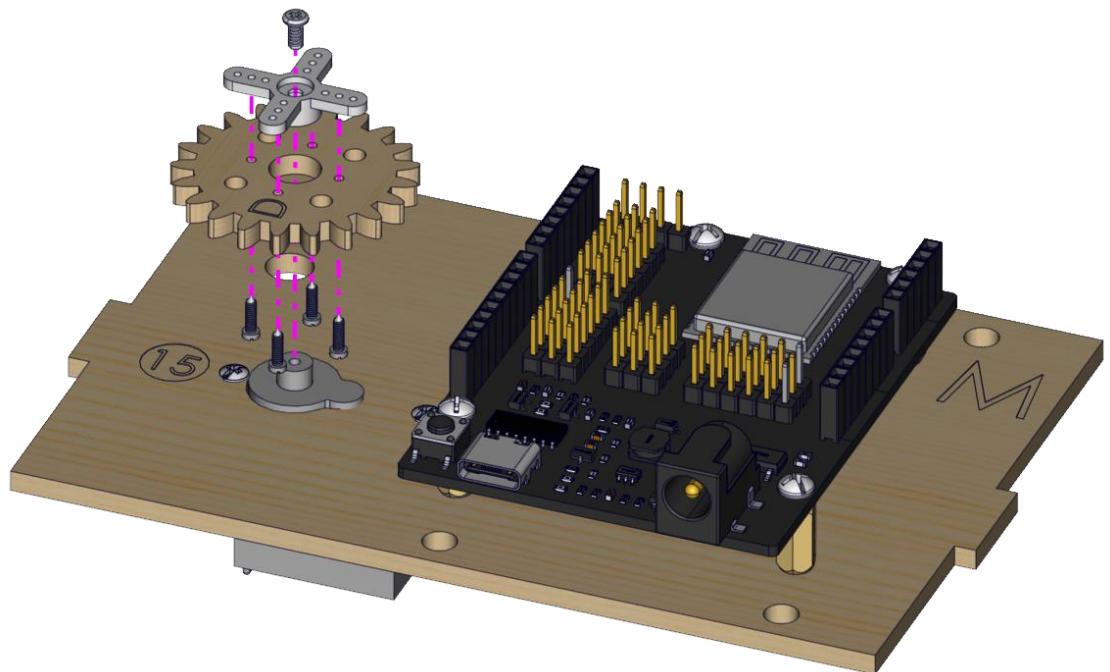
×4



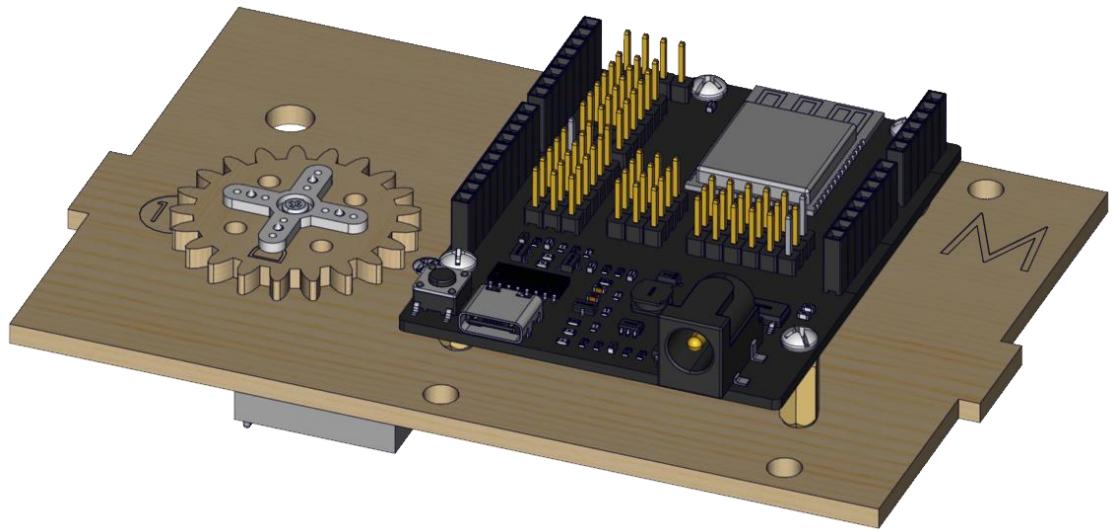
Control horn (belong to servo)

×1

Installation
Diagram

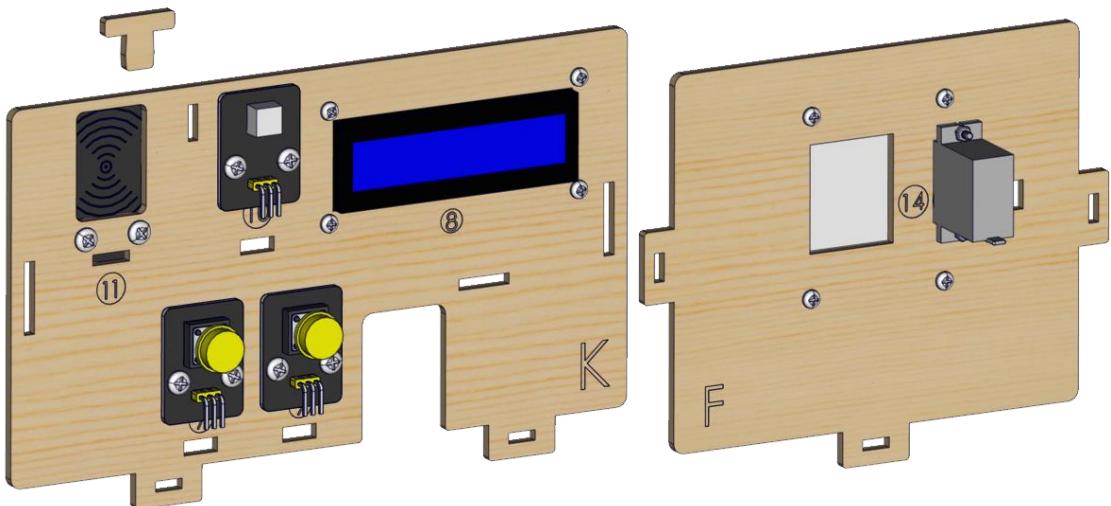


Prototype

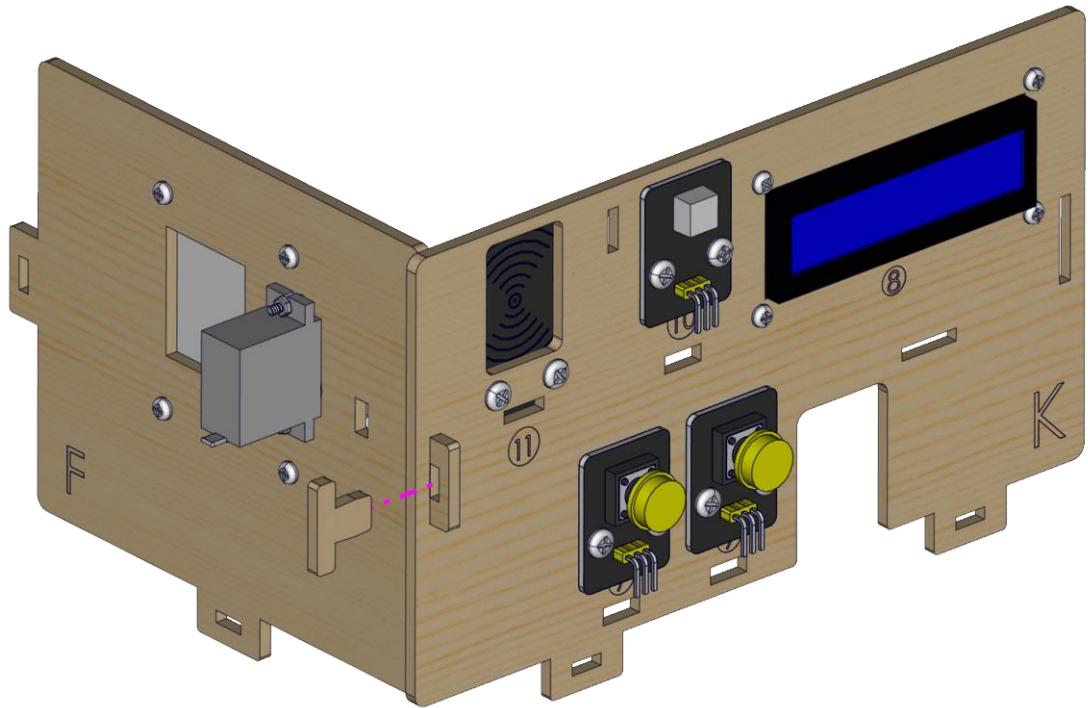


Step 11

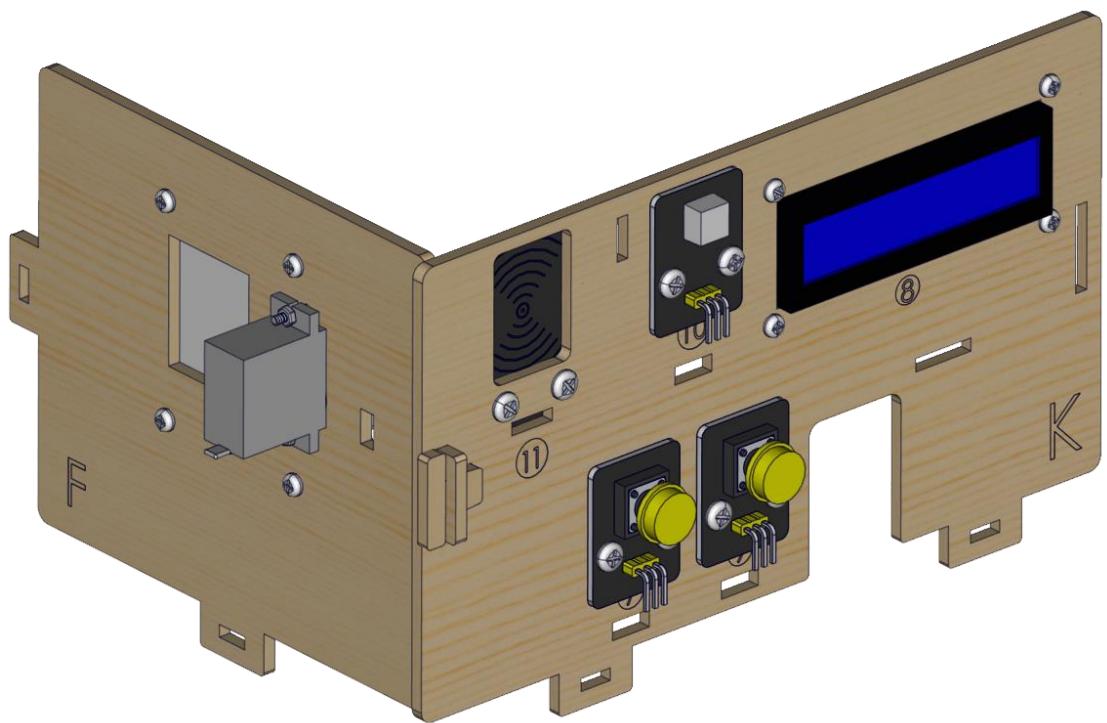
Components Required



Installation
Diagram

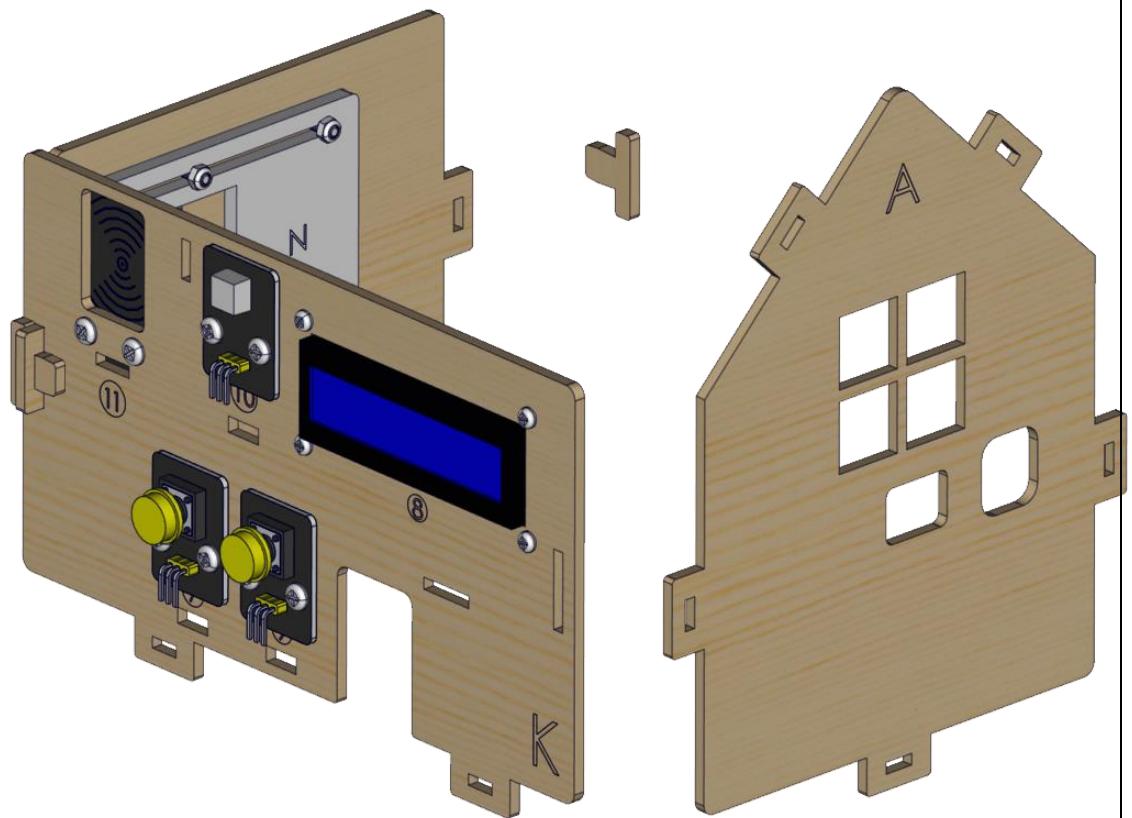


Prototype

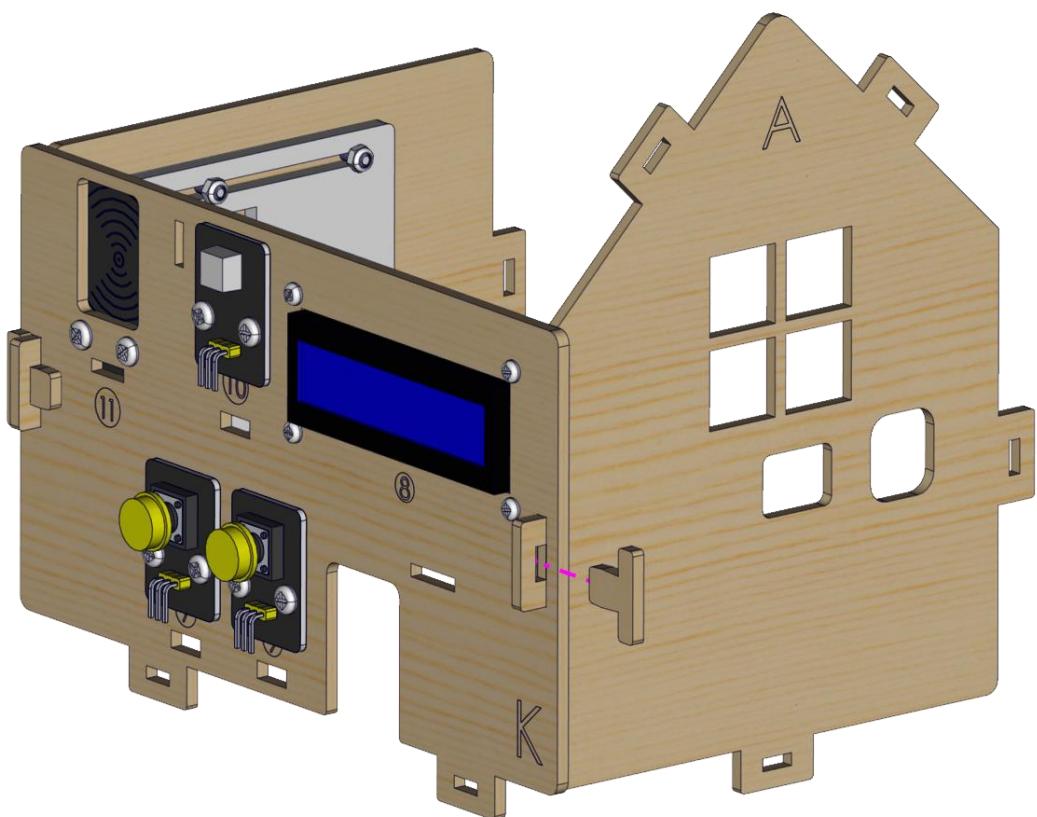


Step 12

Components Required



Installation
Diagram

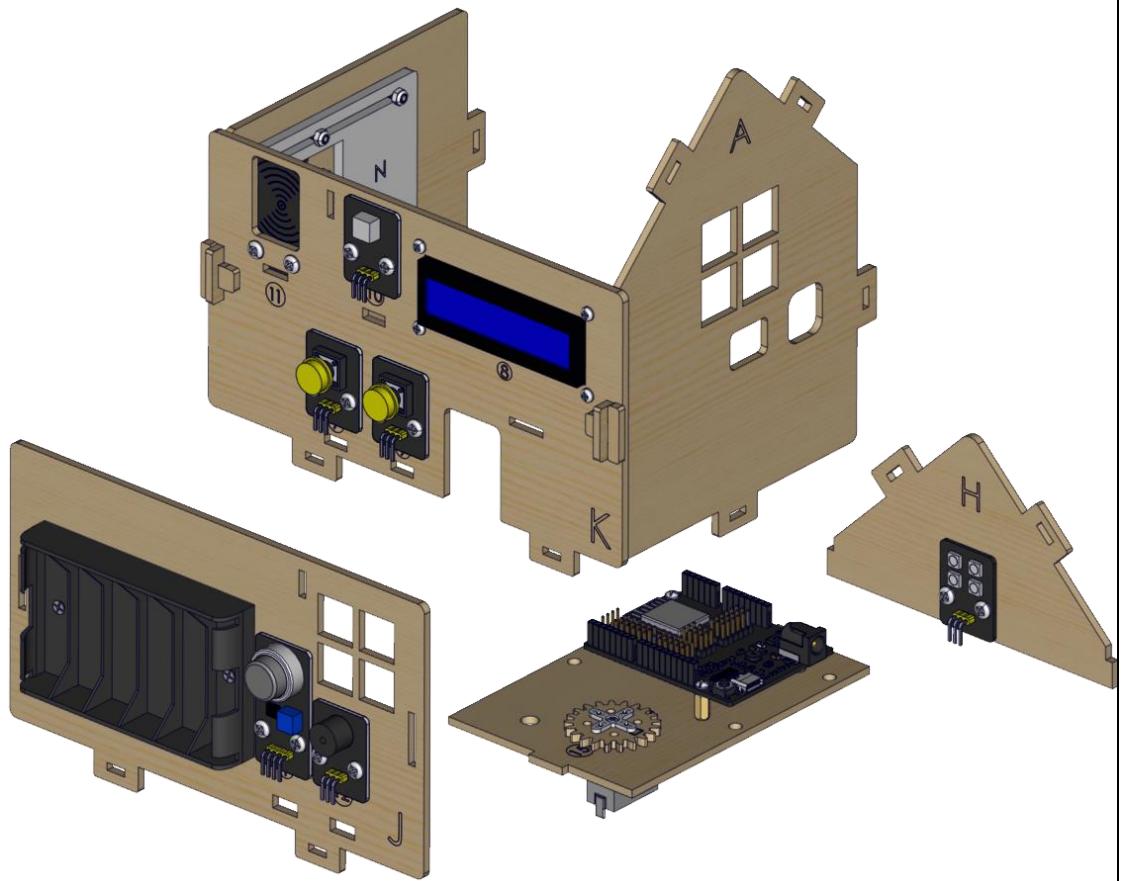


Prototype



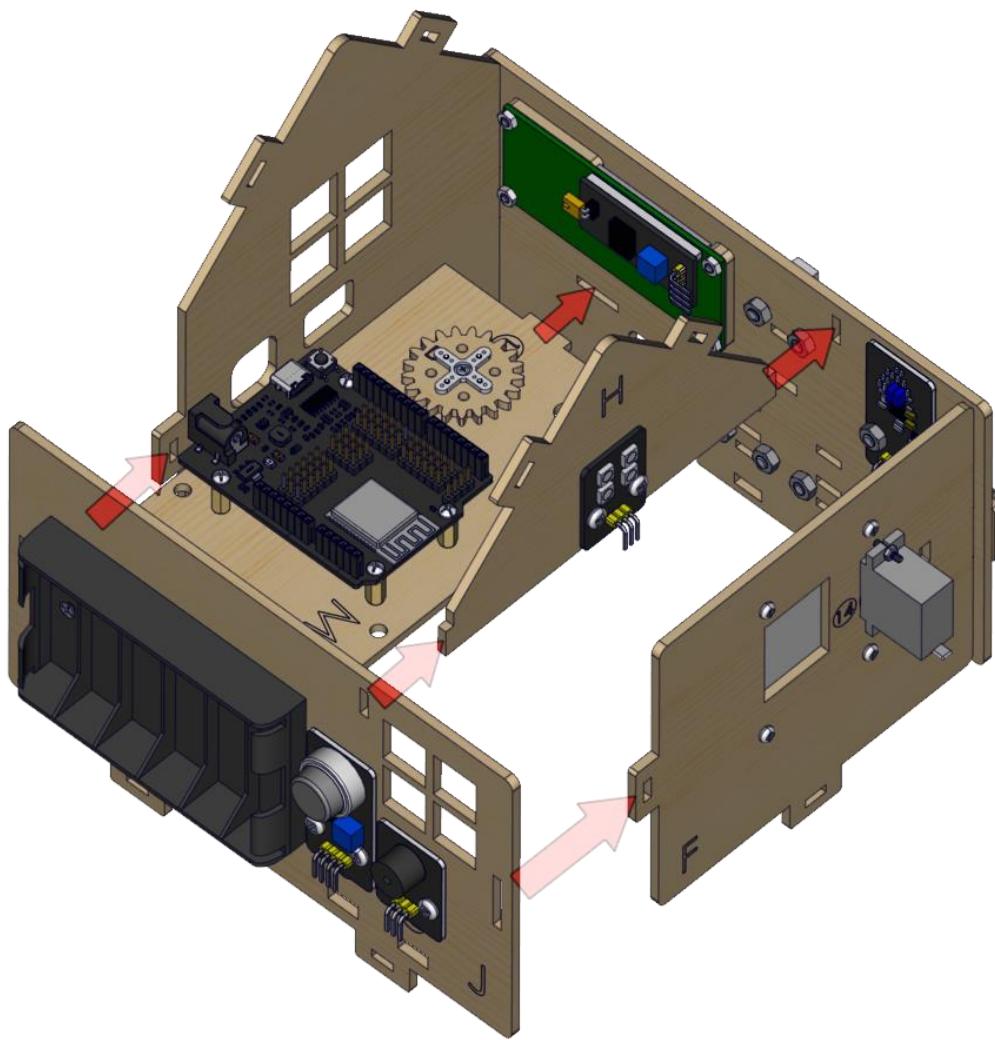
Step 13

Components Required

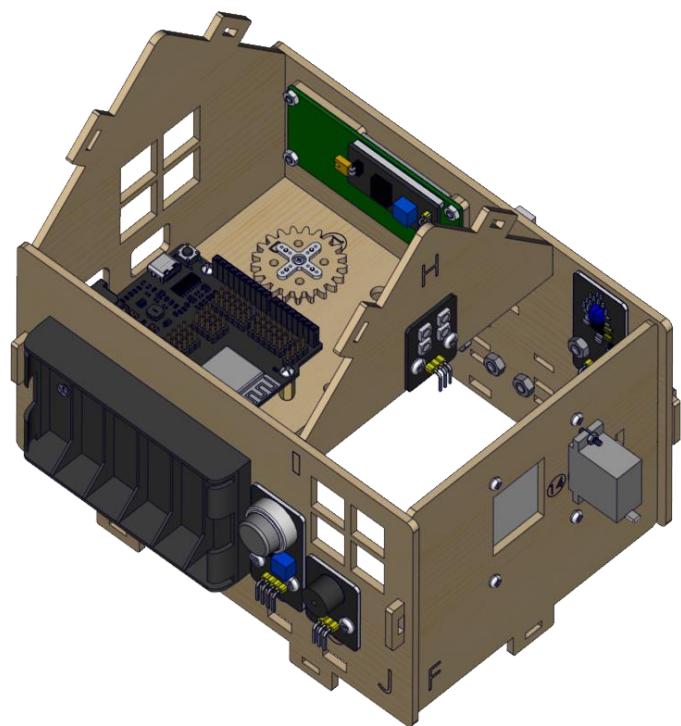


Installation

Diagram

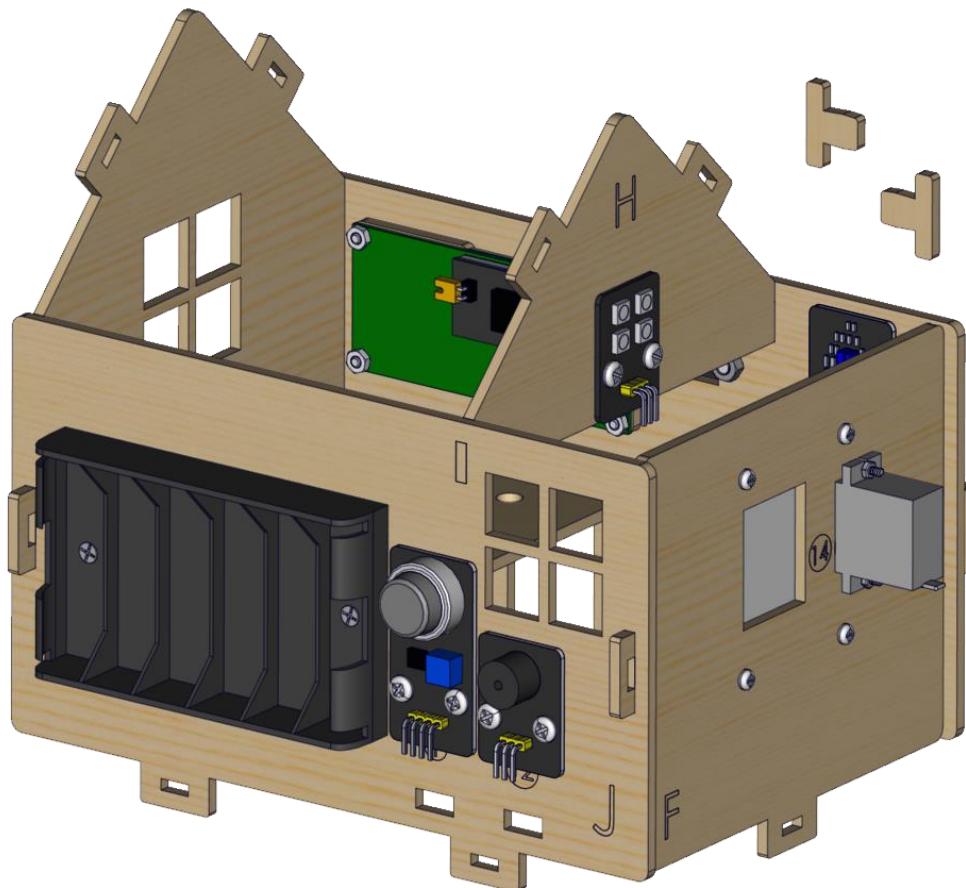


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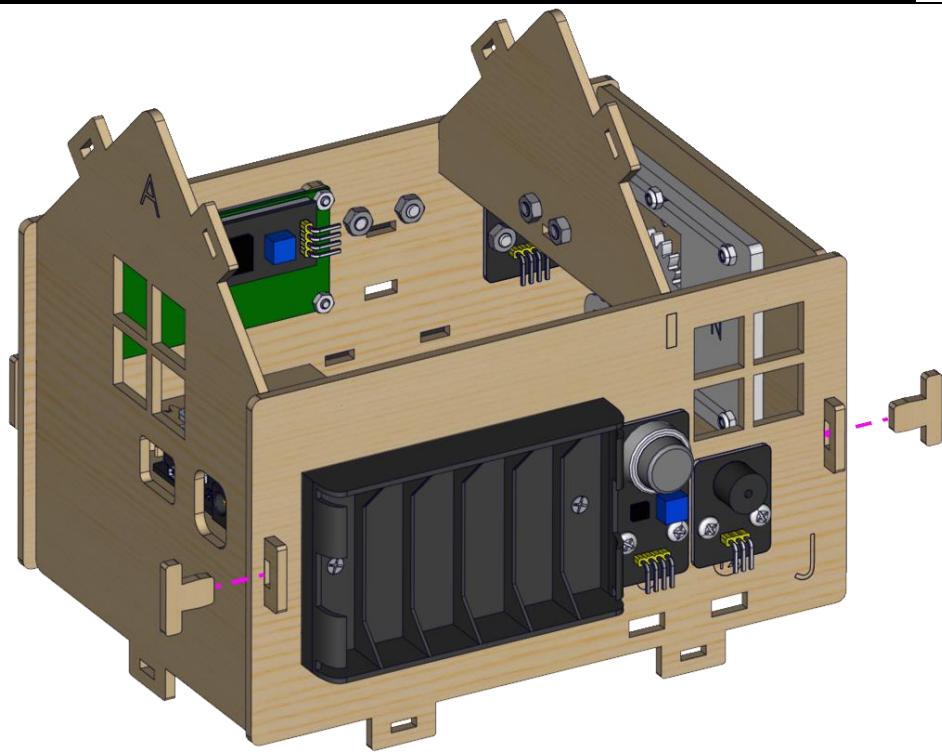


Step 14

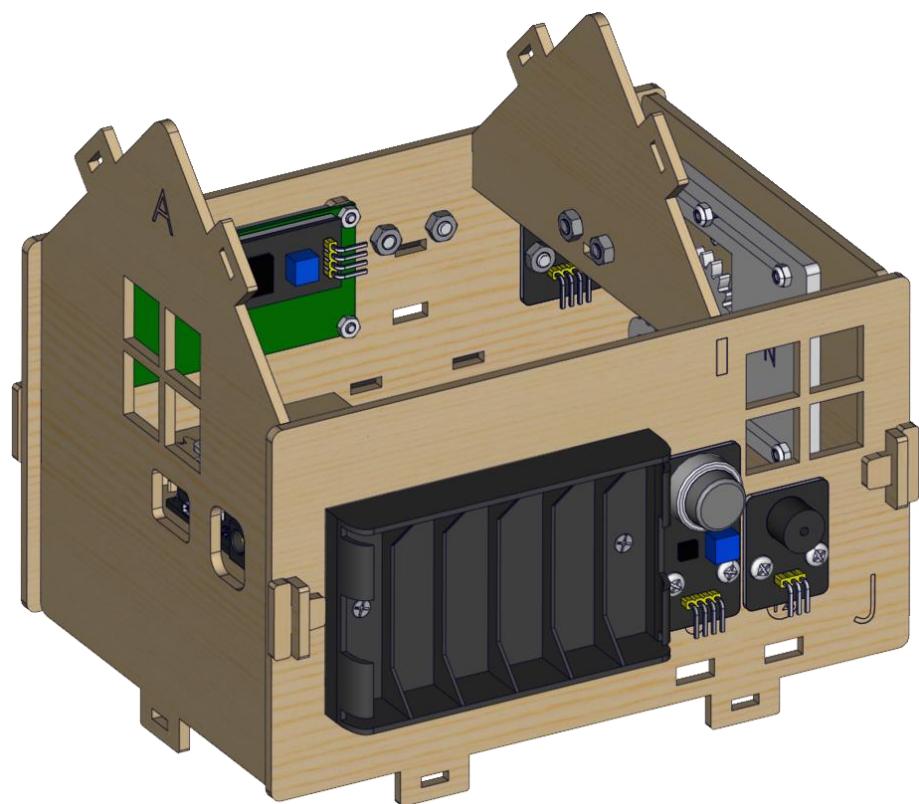
Components Required



Installation
Diagram



Prototype

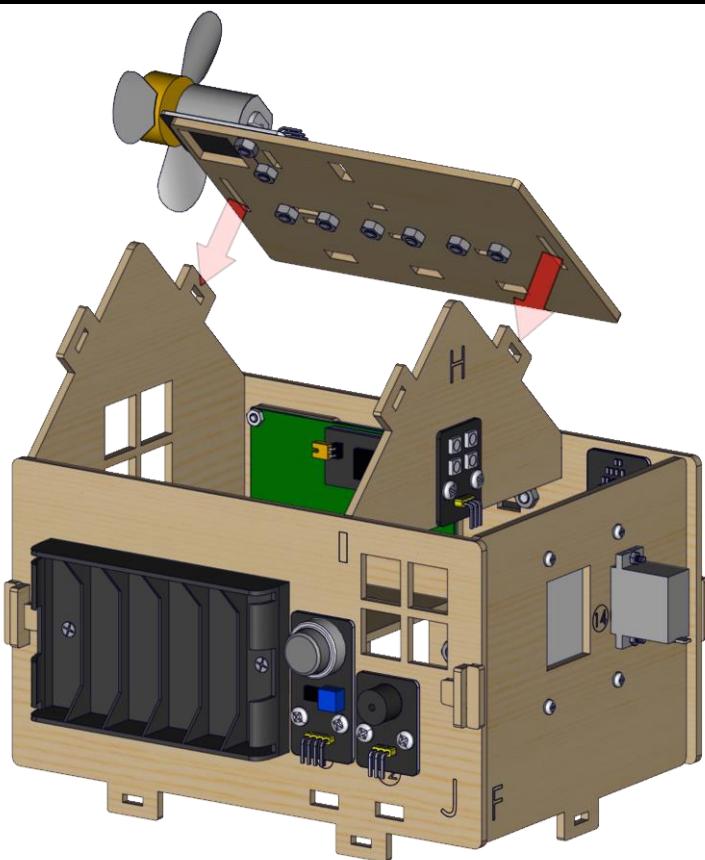


Step 15

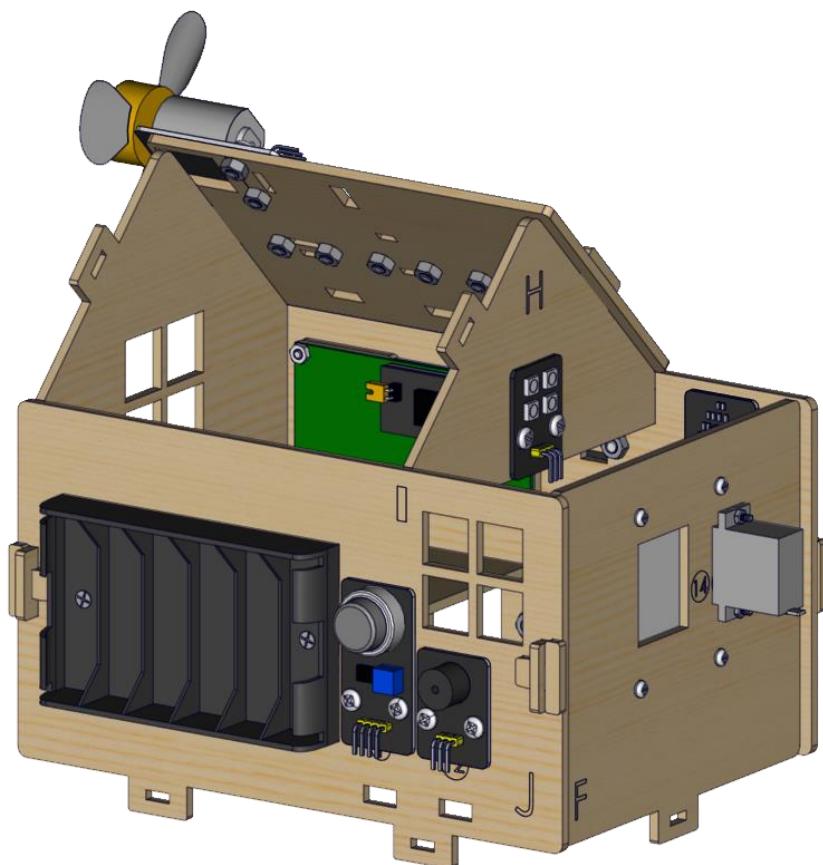
Components Required



Installation
Diagram

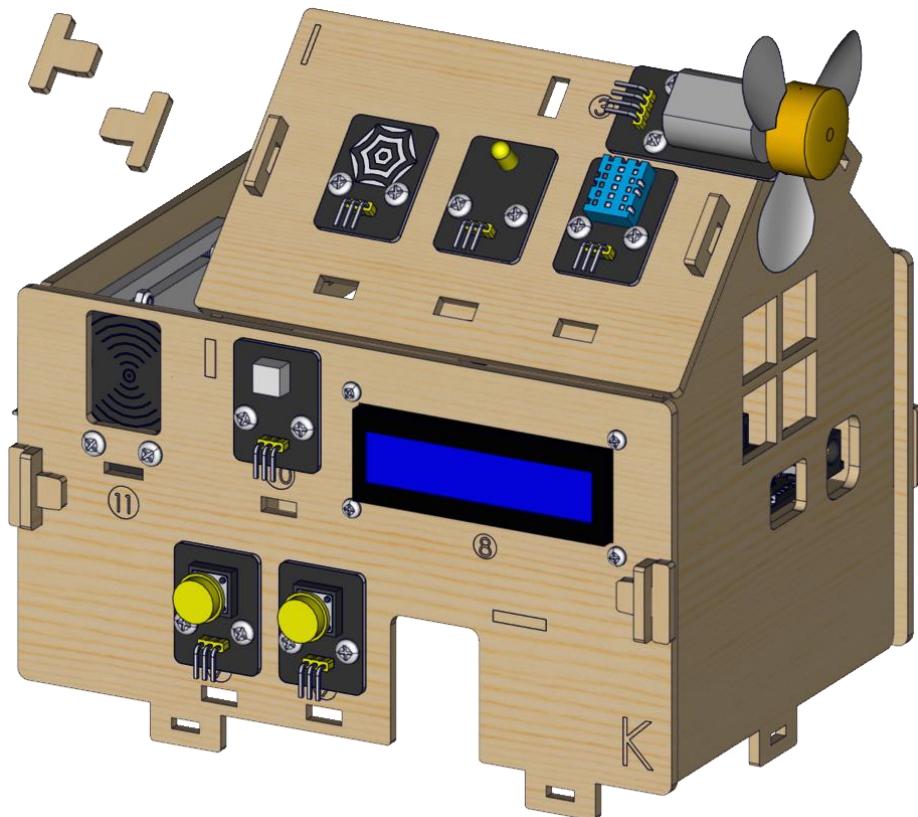


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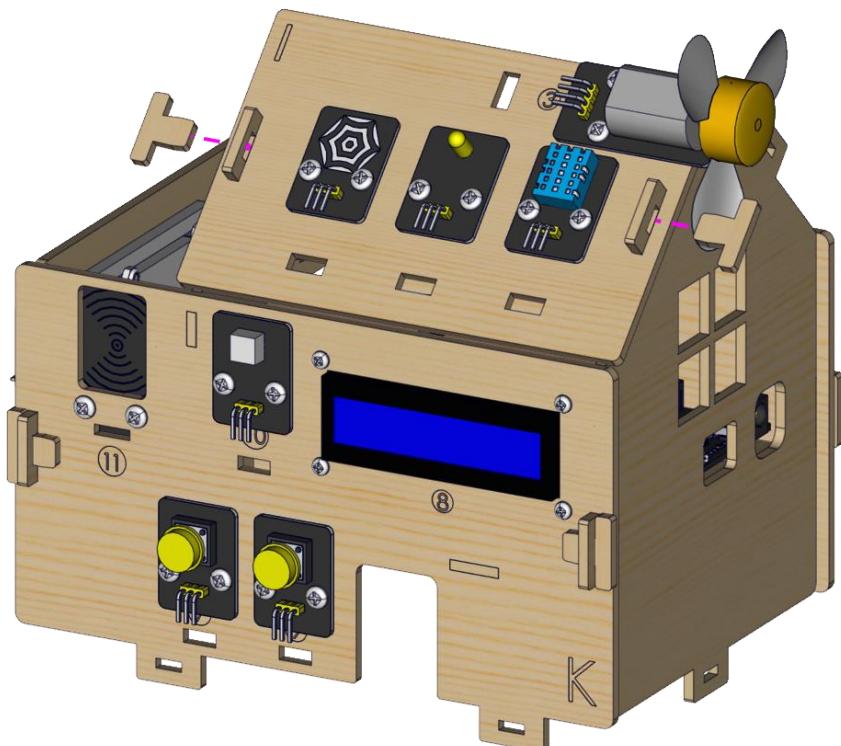


Step 16

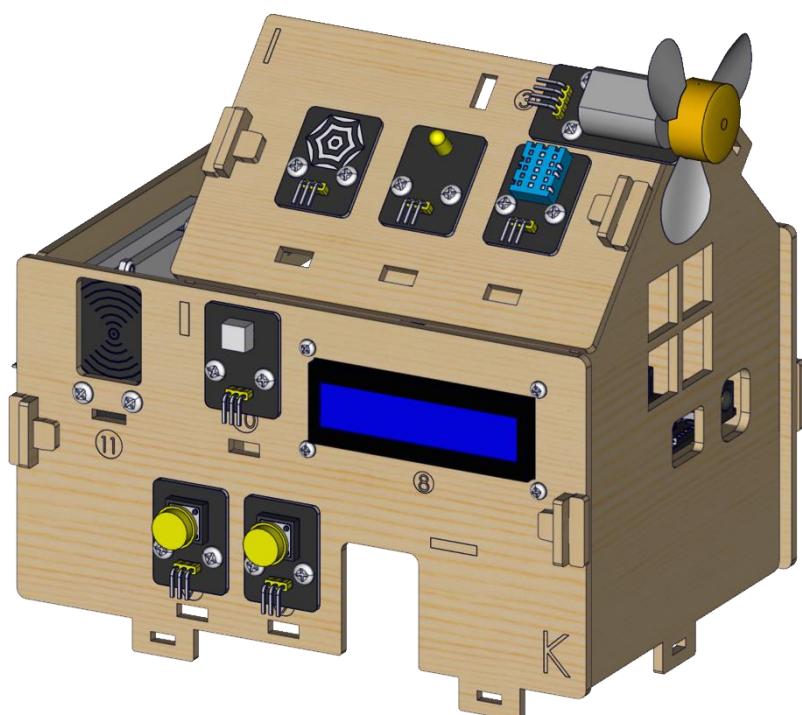
Components Required



Installation Diagram

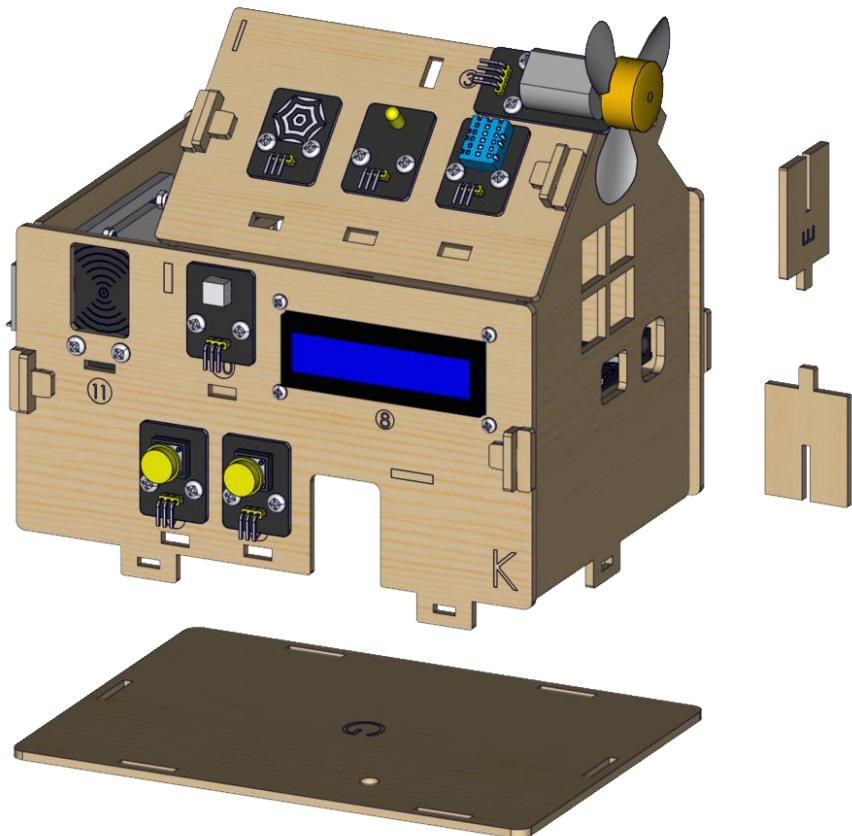


Prototype

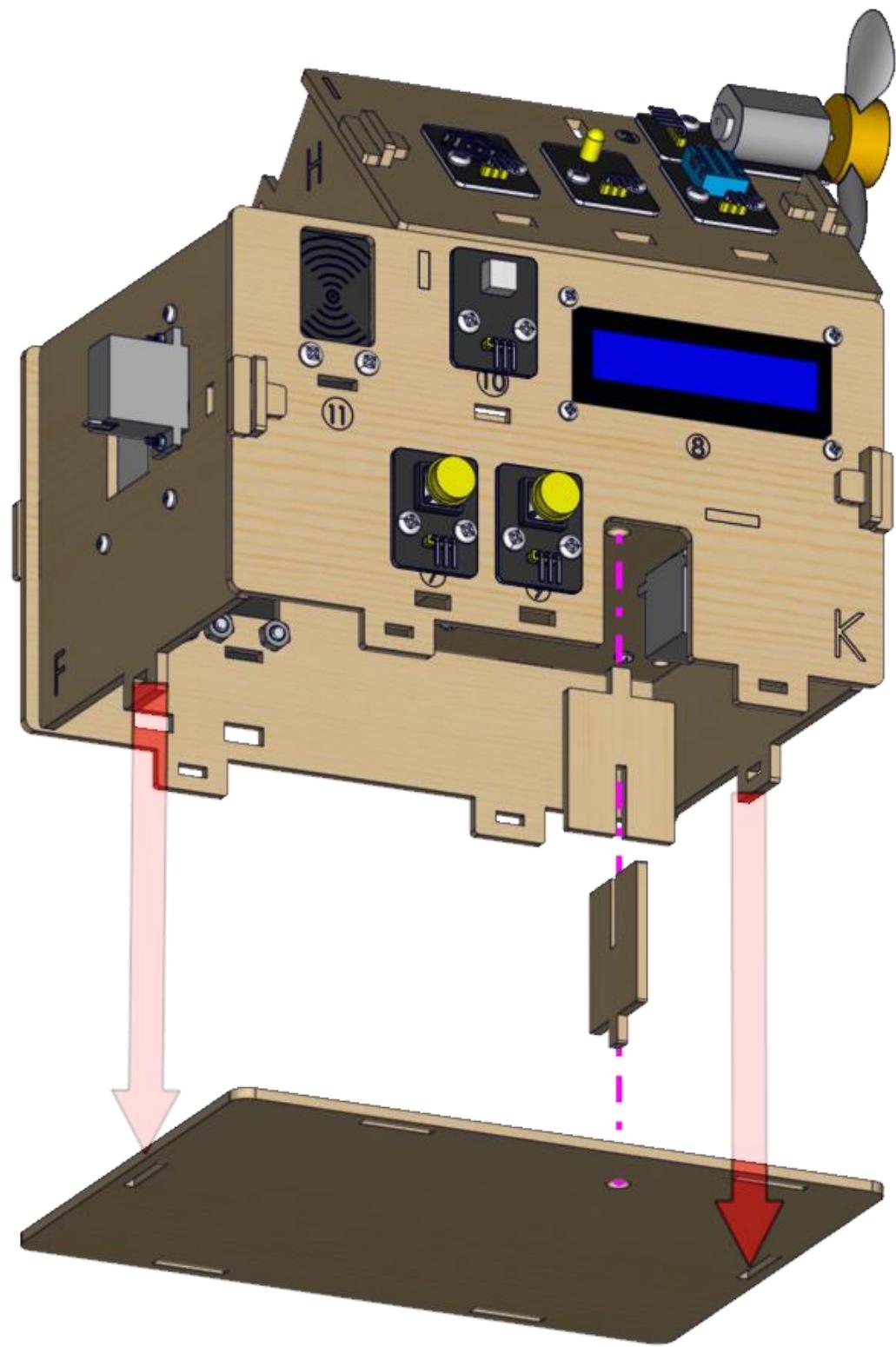


Step 17

Components Required



Installation
Diagram



Prototype

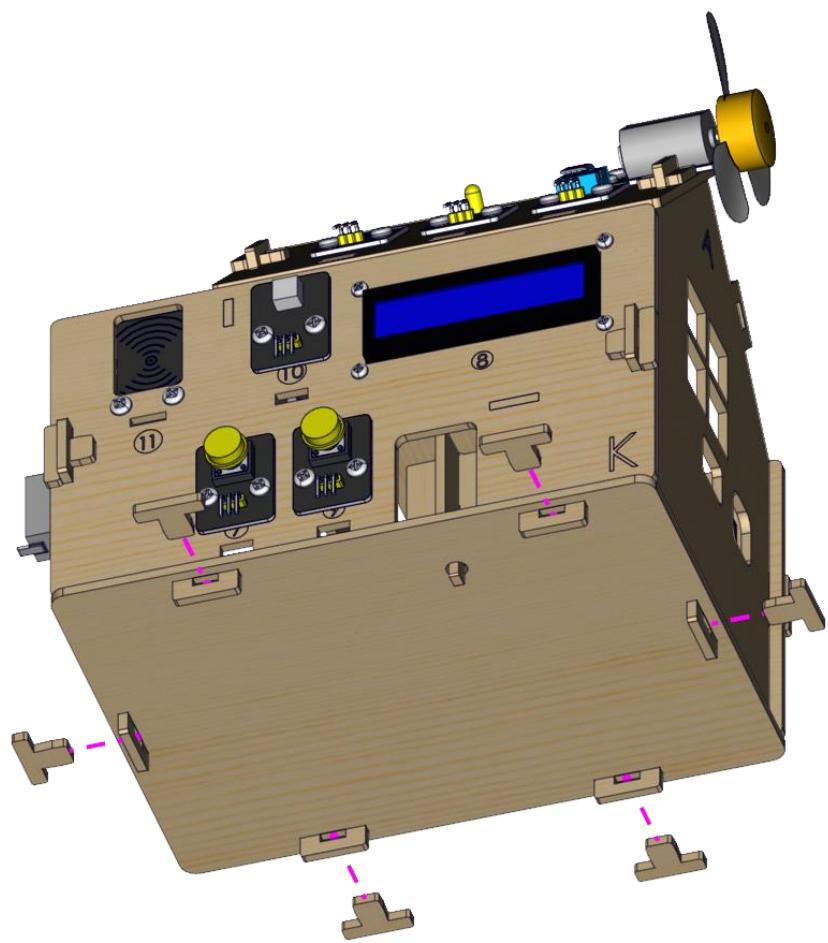


Step 18

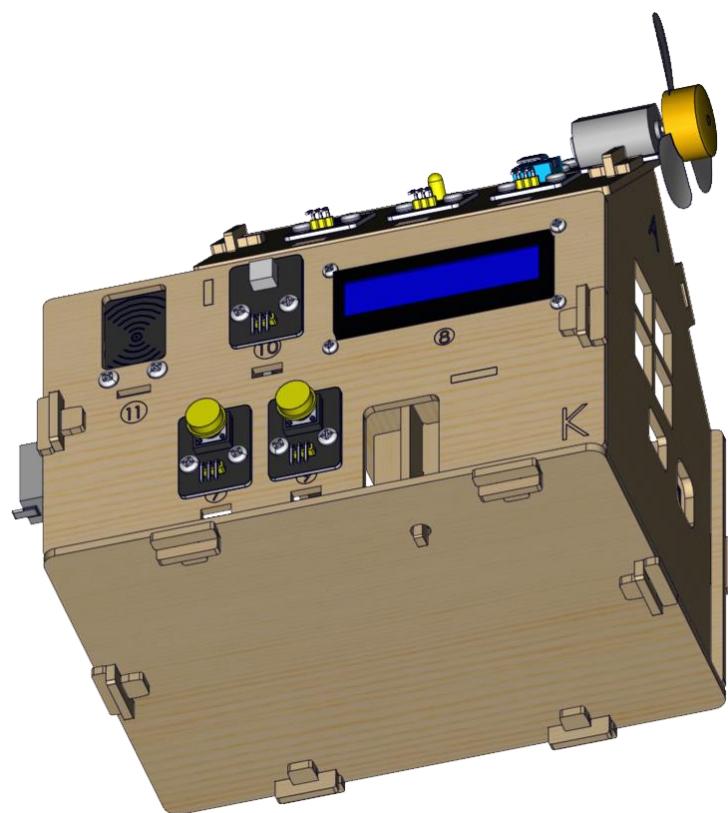
Components Required



Installation
Diagram

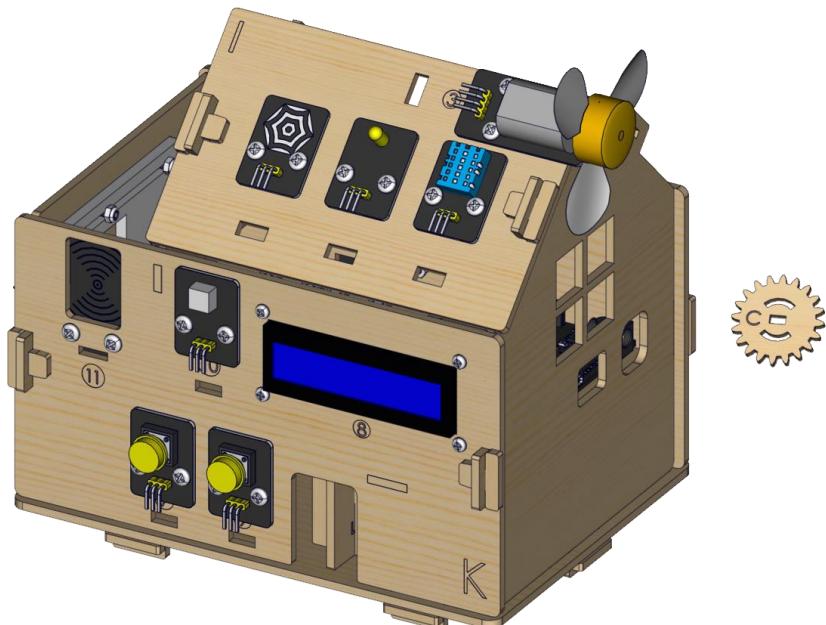


Prototype

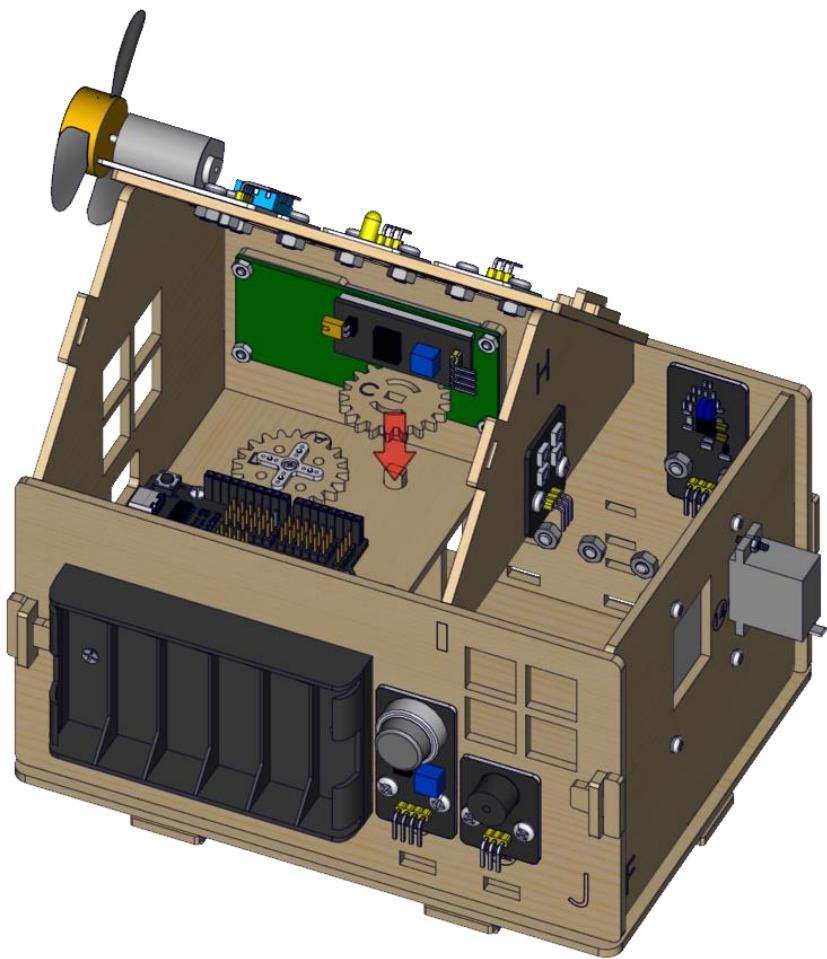


安装 19

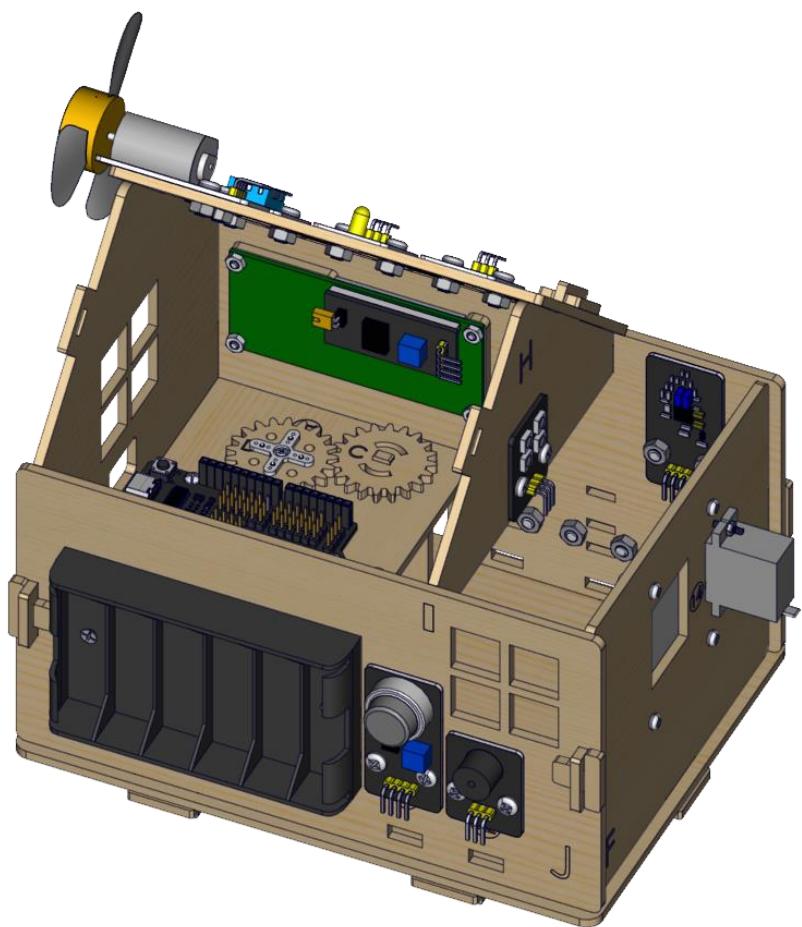
Components Required



Installation
Diagram

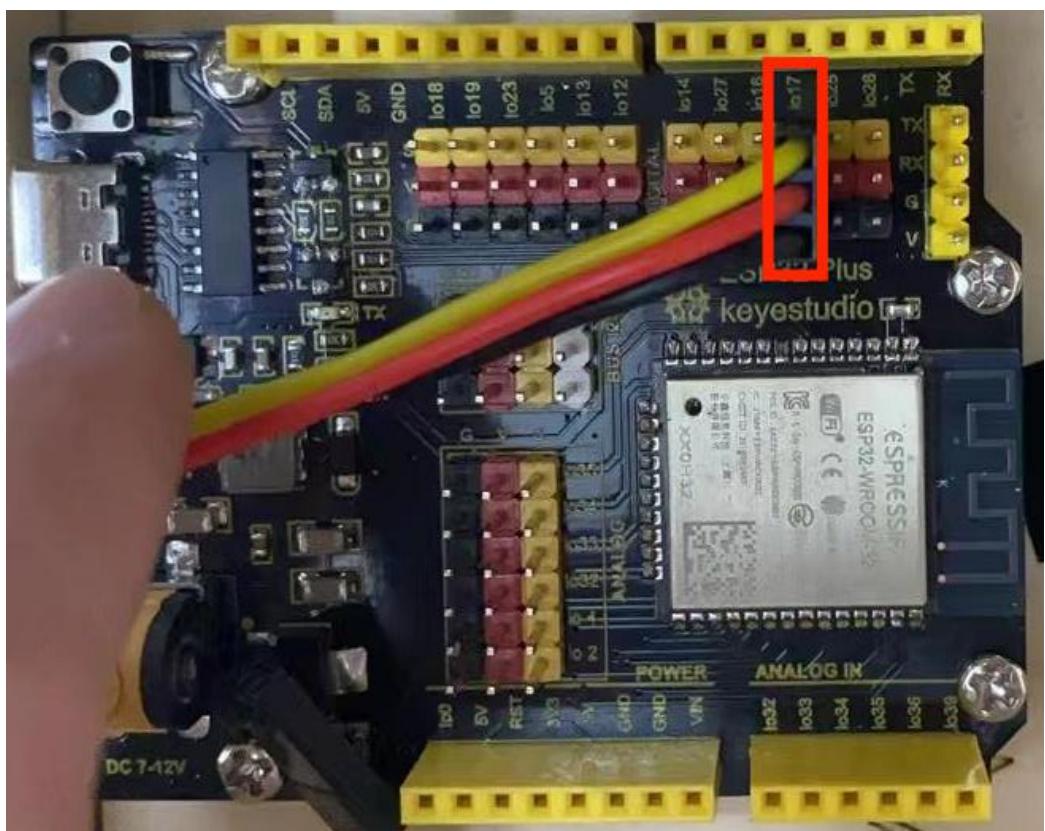
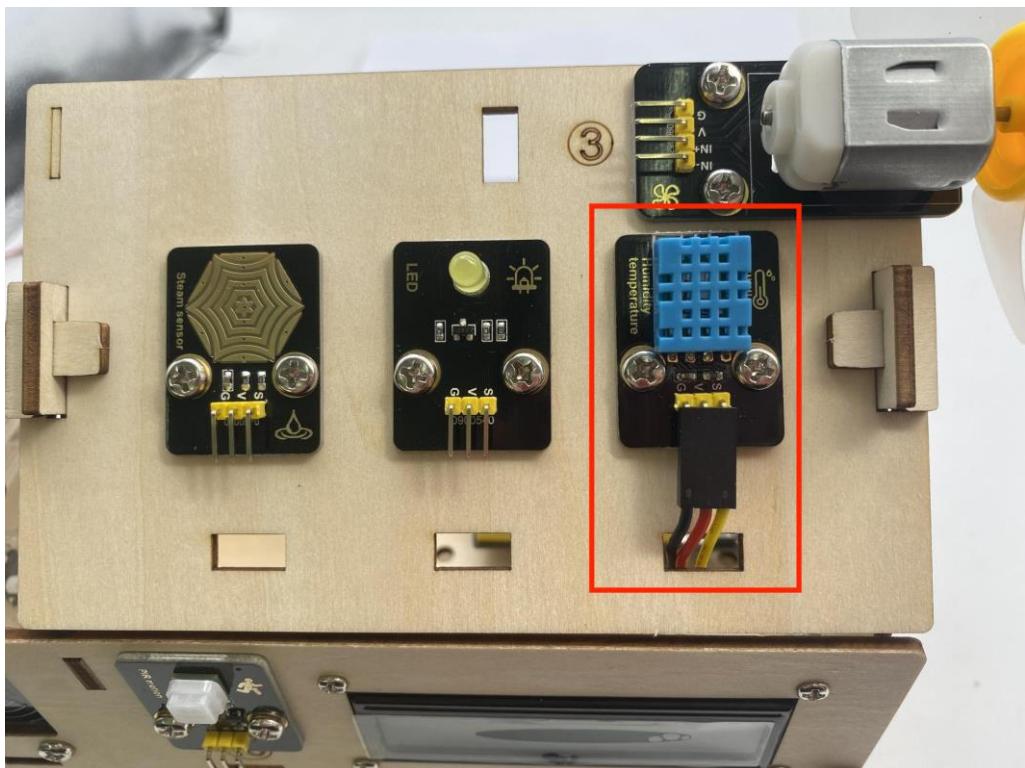


Prototype

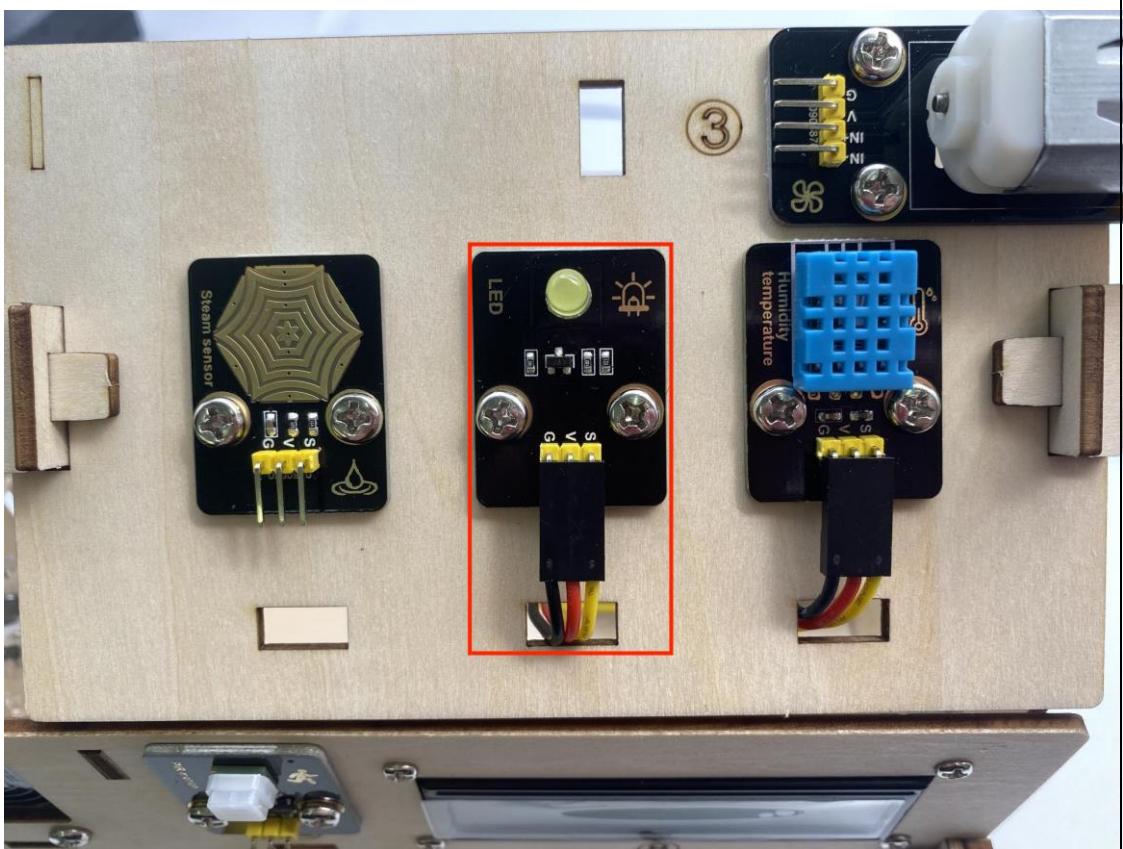


Wiring Part

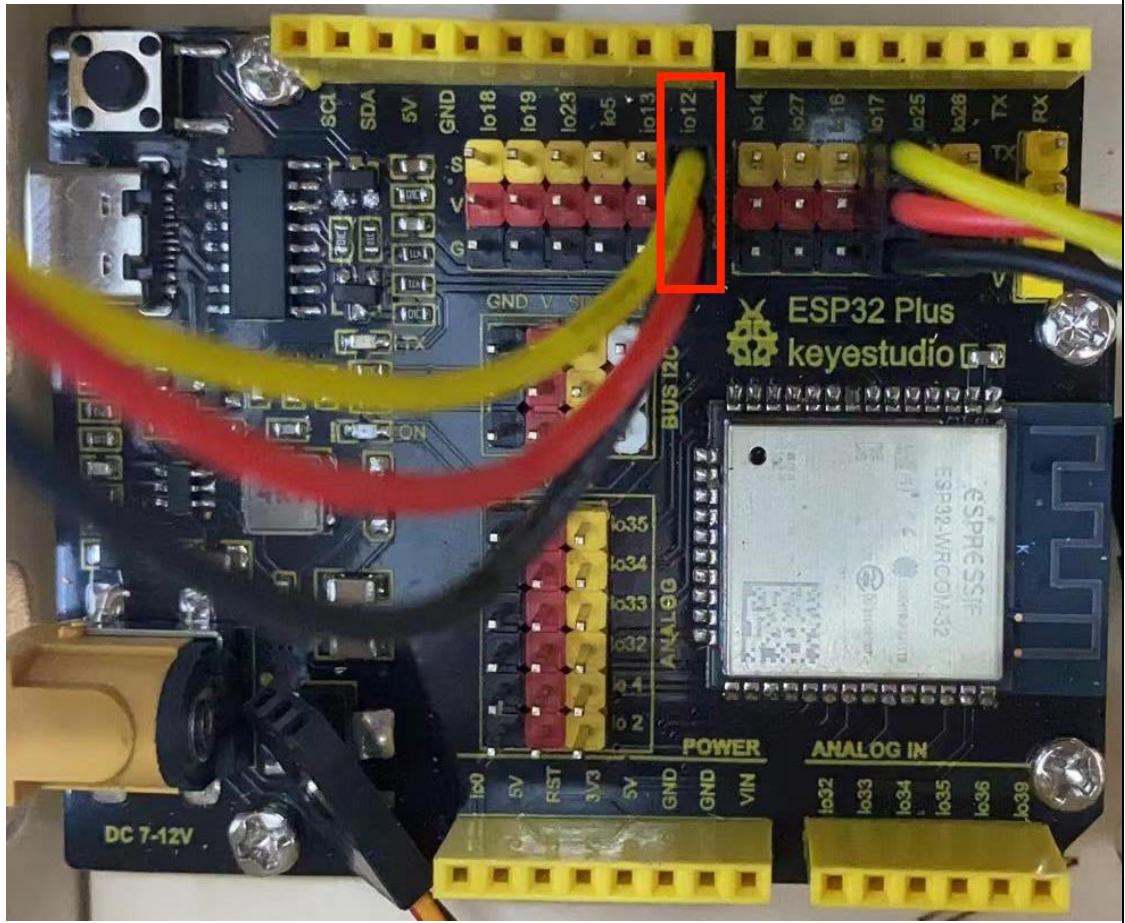
Connect
the
tempera
ture and
humidity
module
to the
io17
interface



Connect
the
yellow
led
module
to the
io12
interface

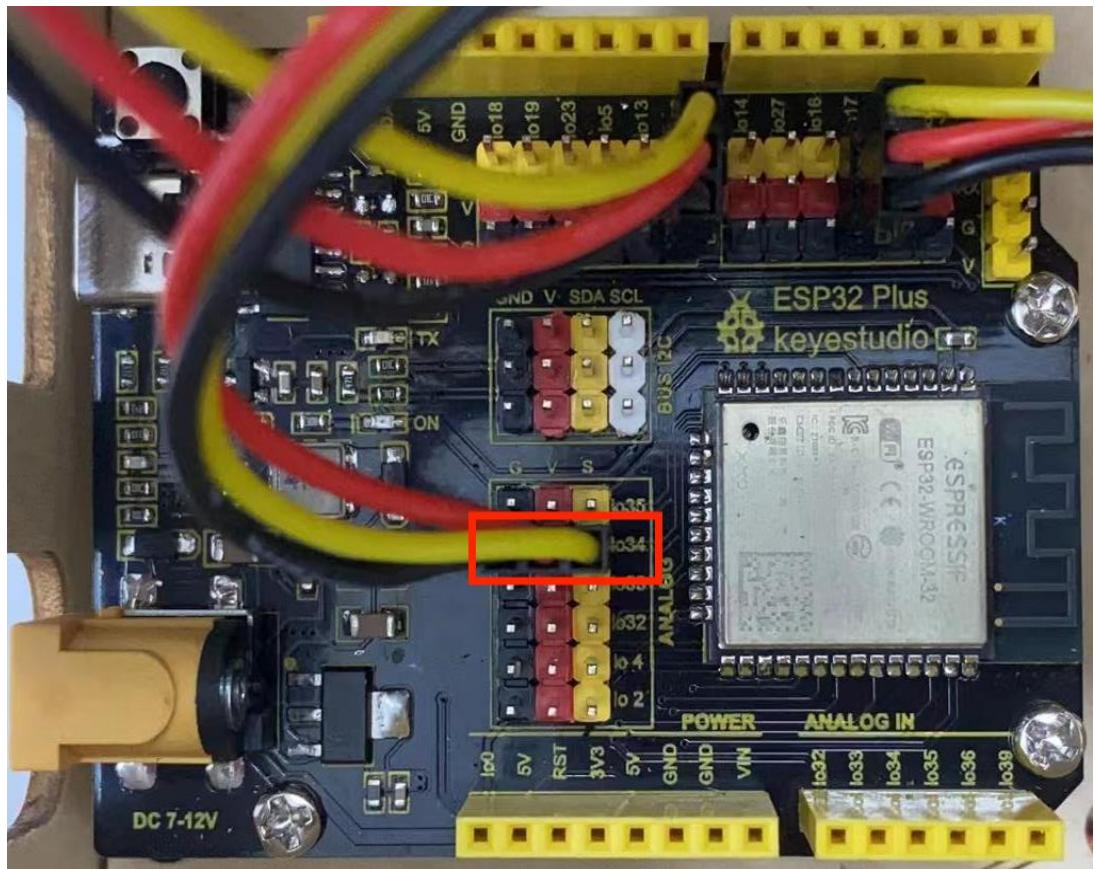
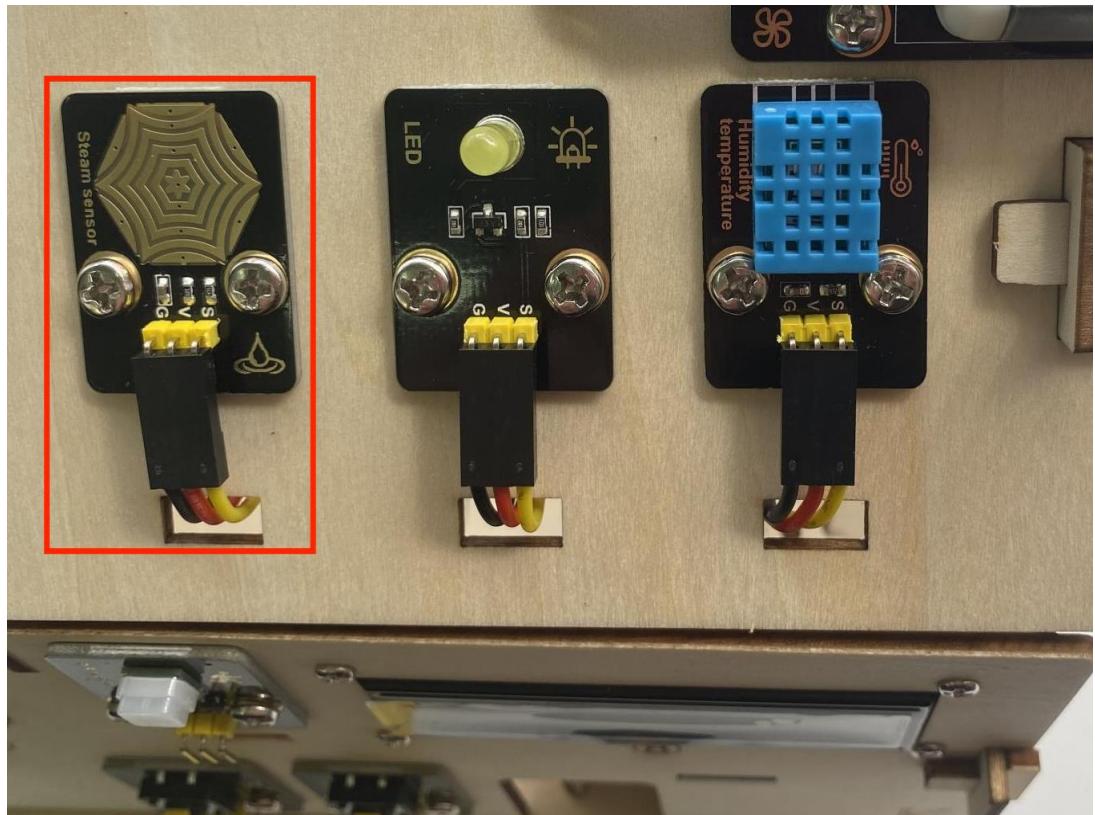


www.keyestudio.com



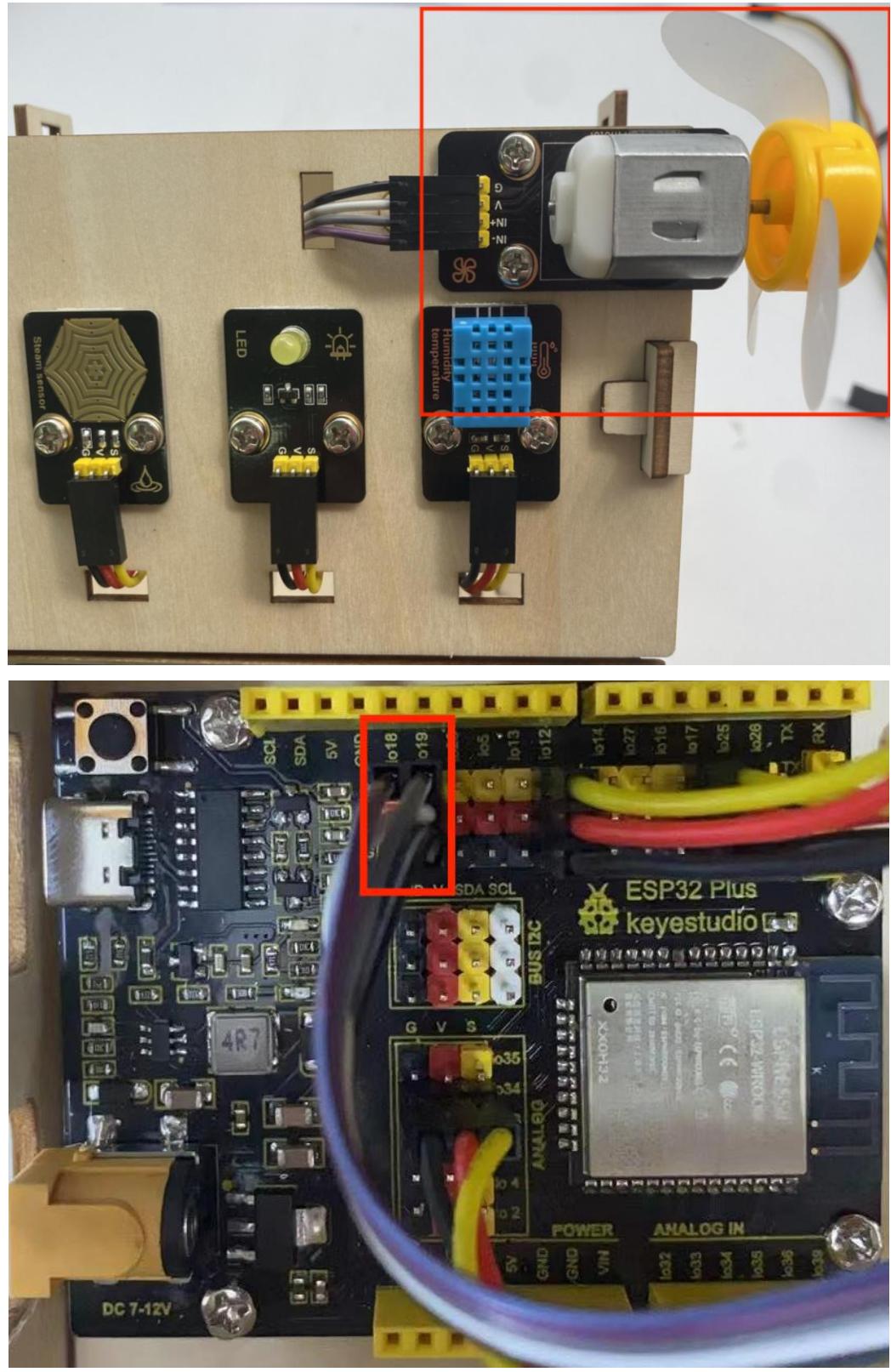
www.keyestudio.com

Connect
the
steam
sensor
to the
io34
interface

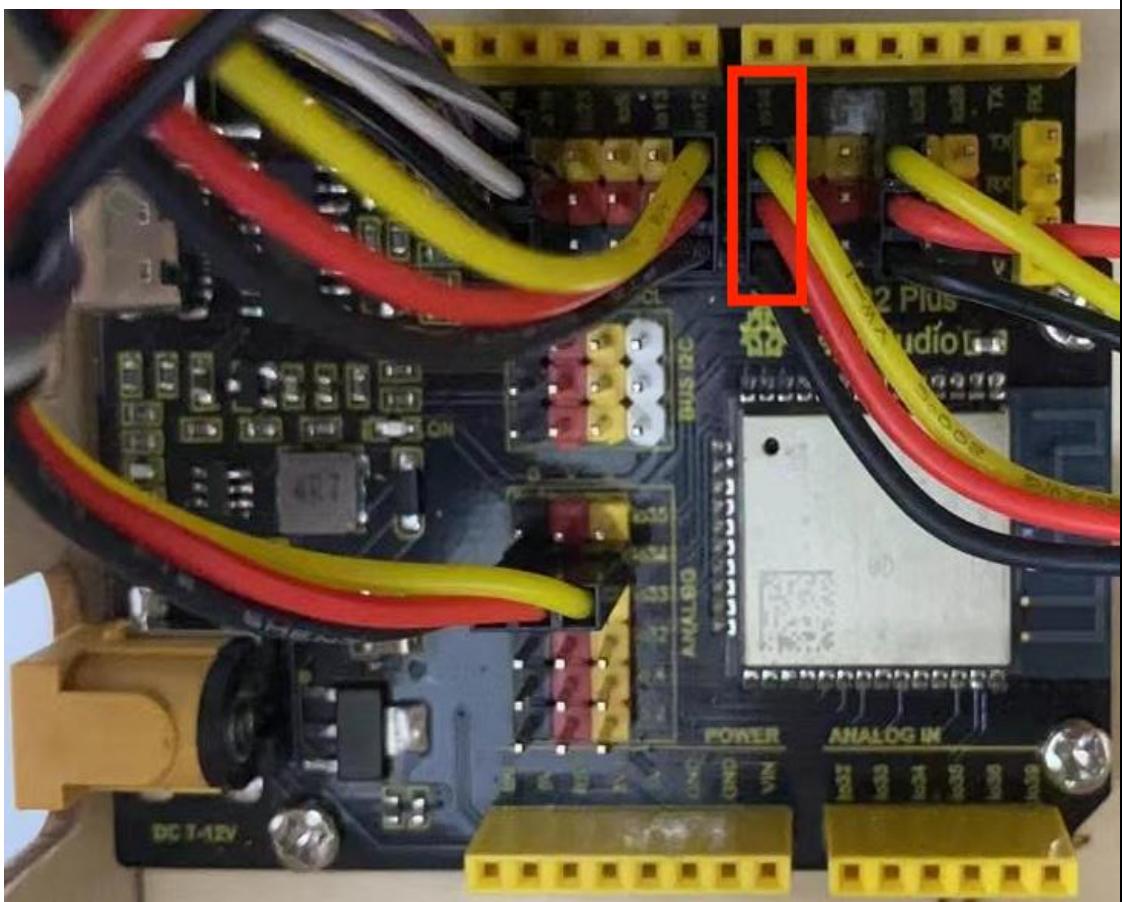
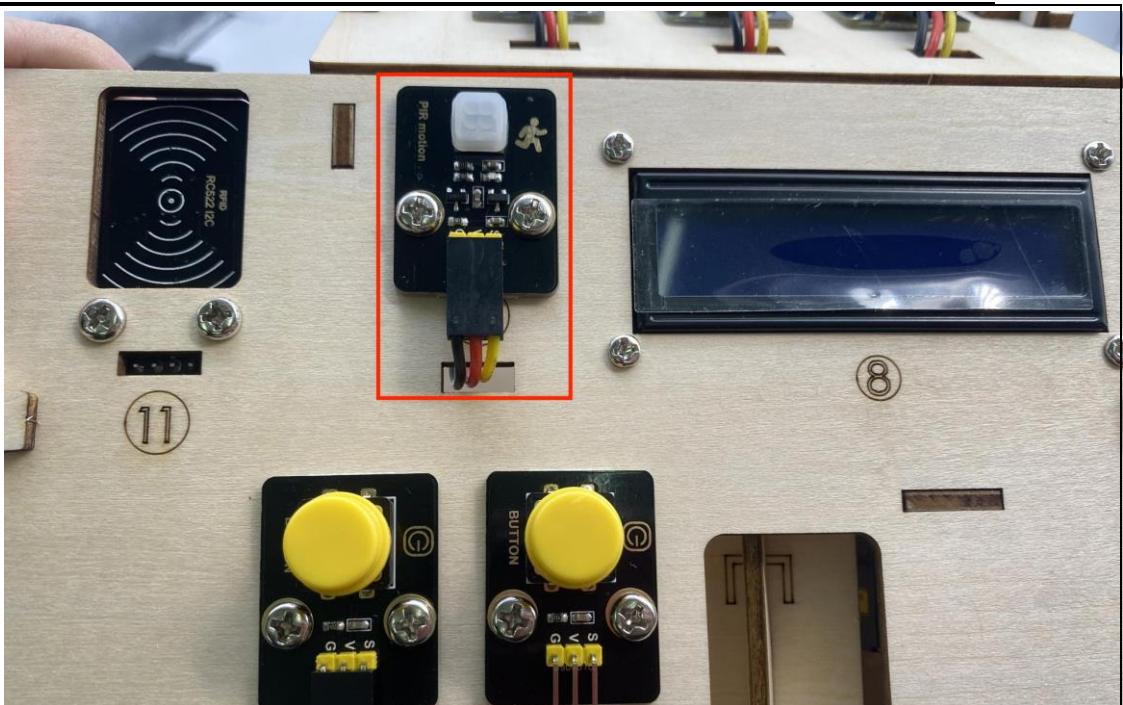


The
wiring of
the fan

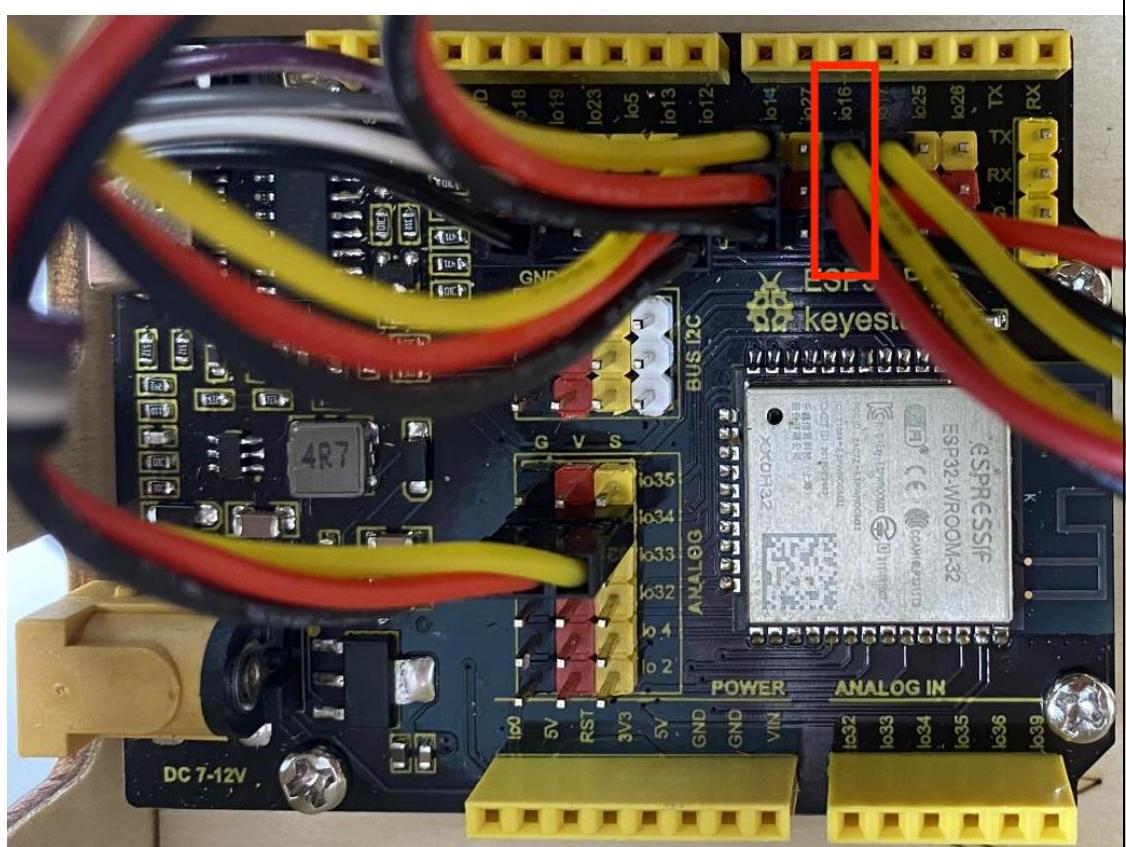
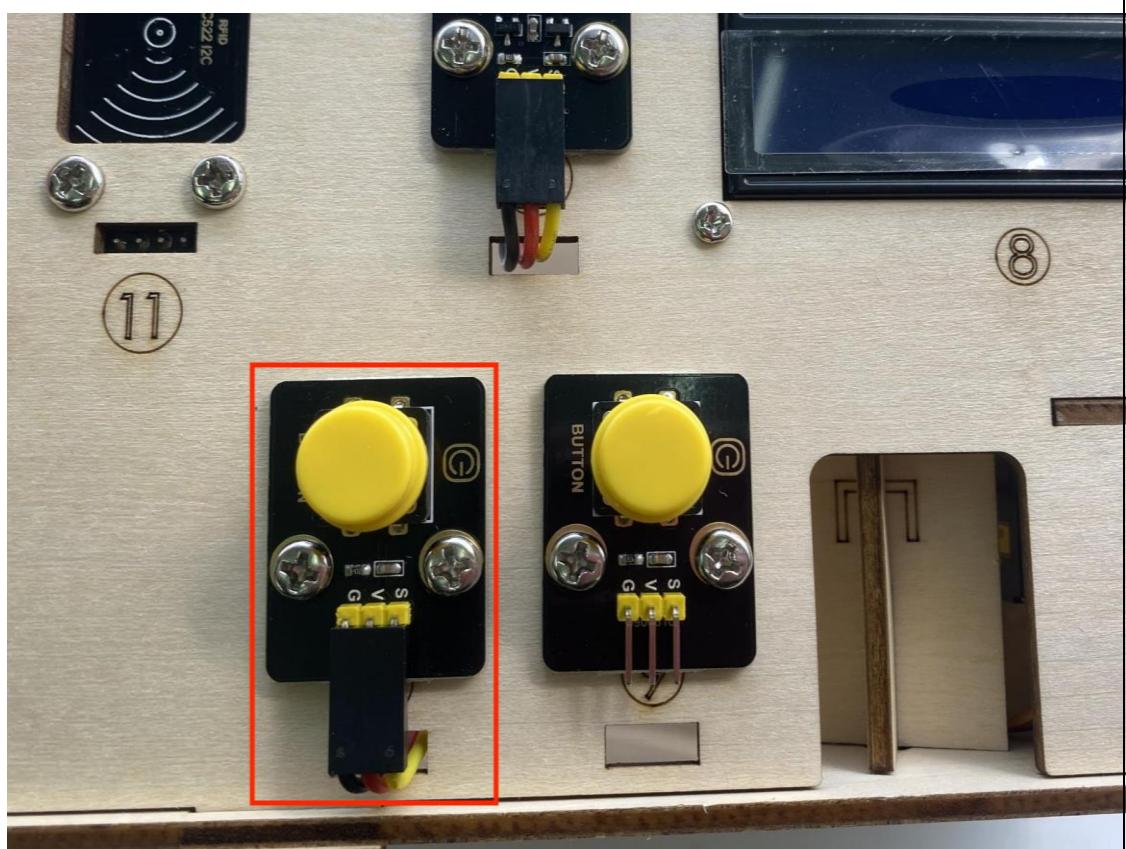
(IN-
correspond
s to io18,
IN+
correspond
s to io19)



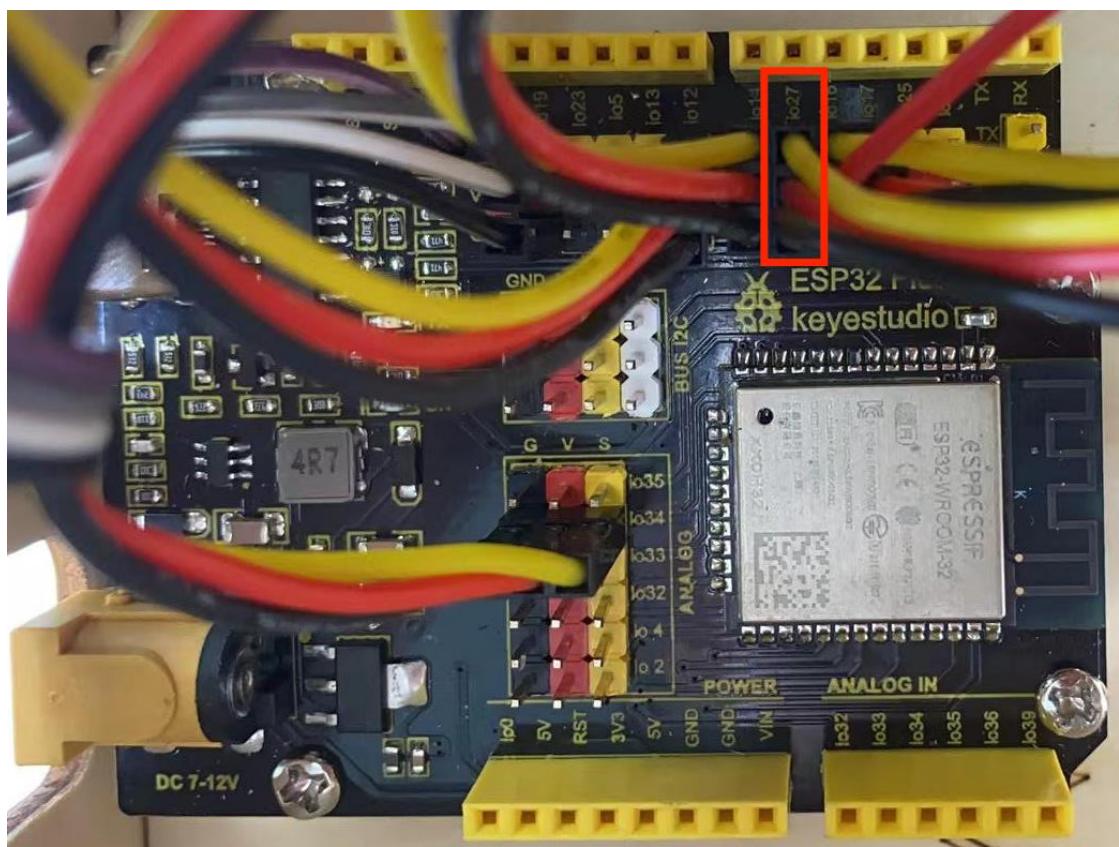
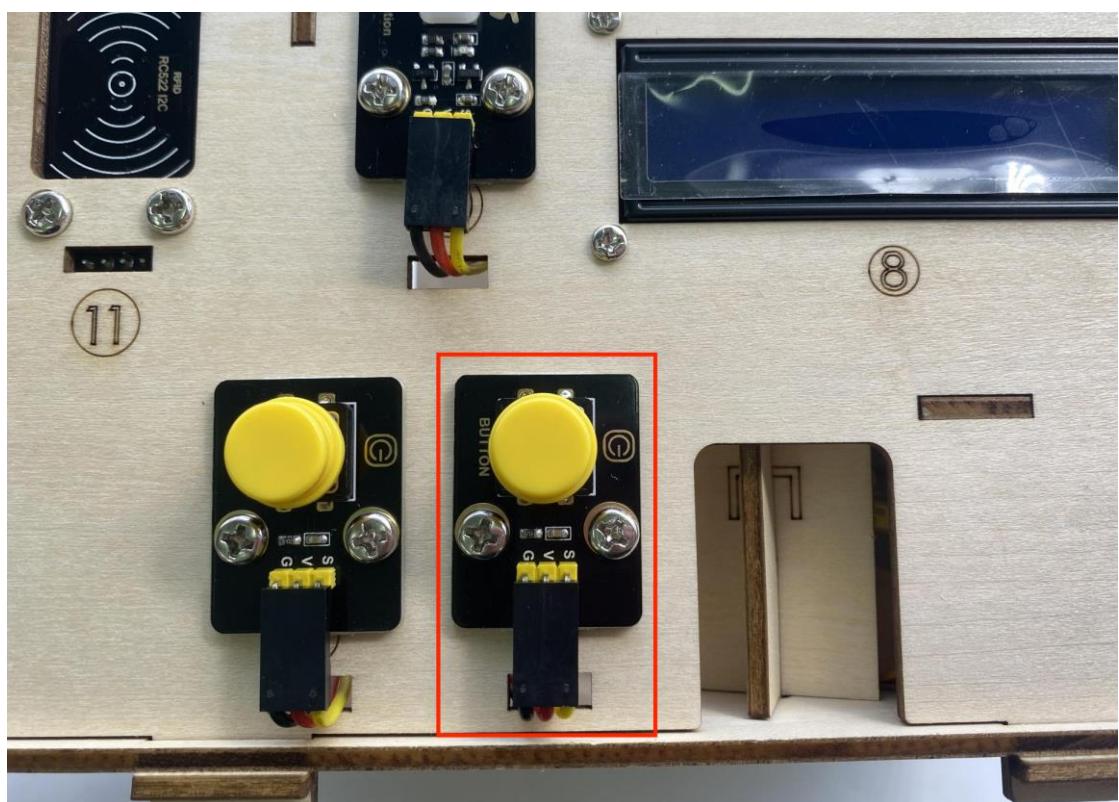
Connect
the PIR
motion
sensor
to the
io14
interface



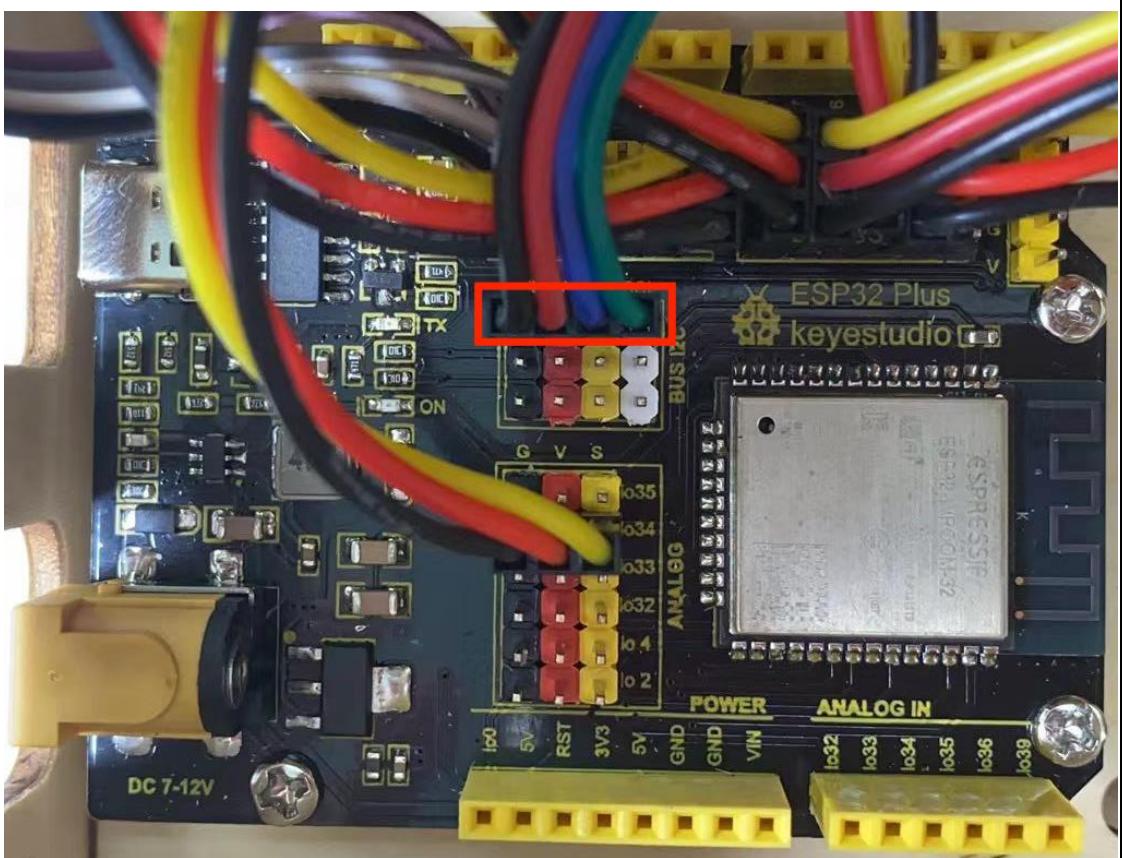
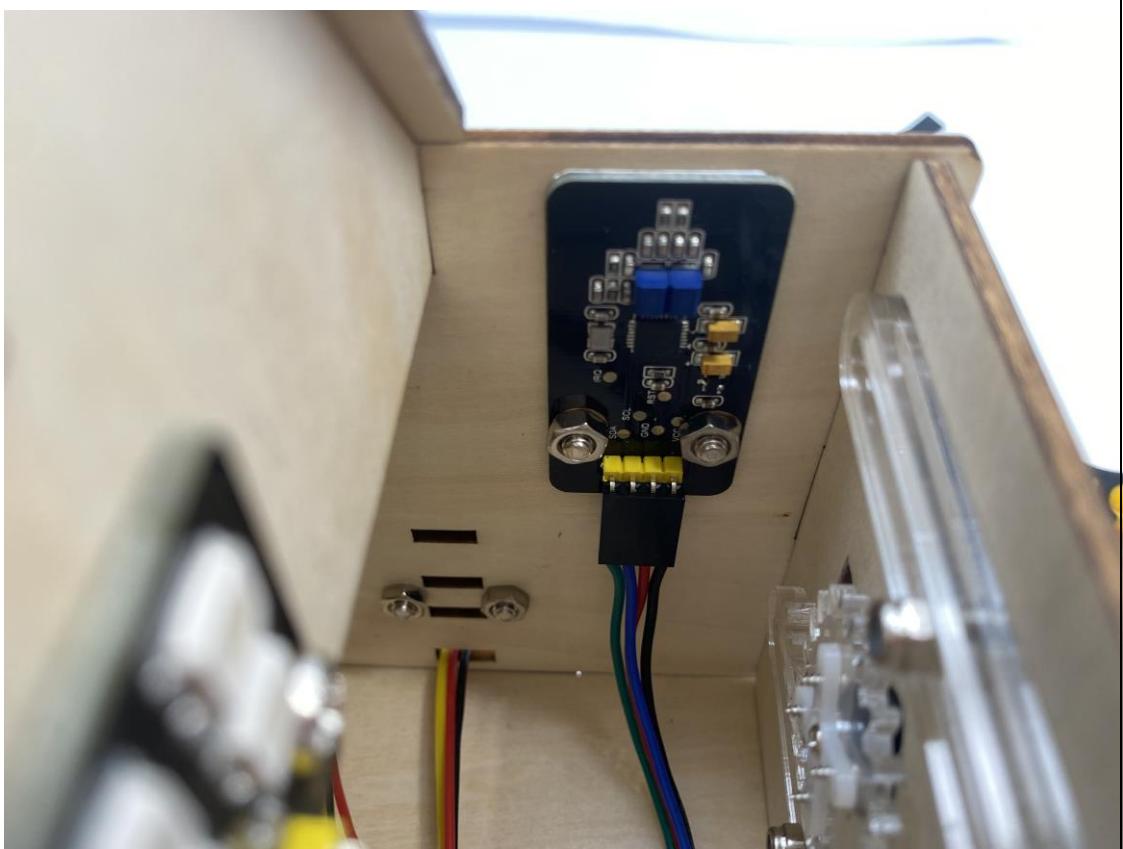
Connect
the left
button
module
to the
io16
interface



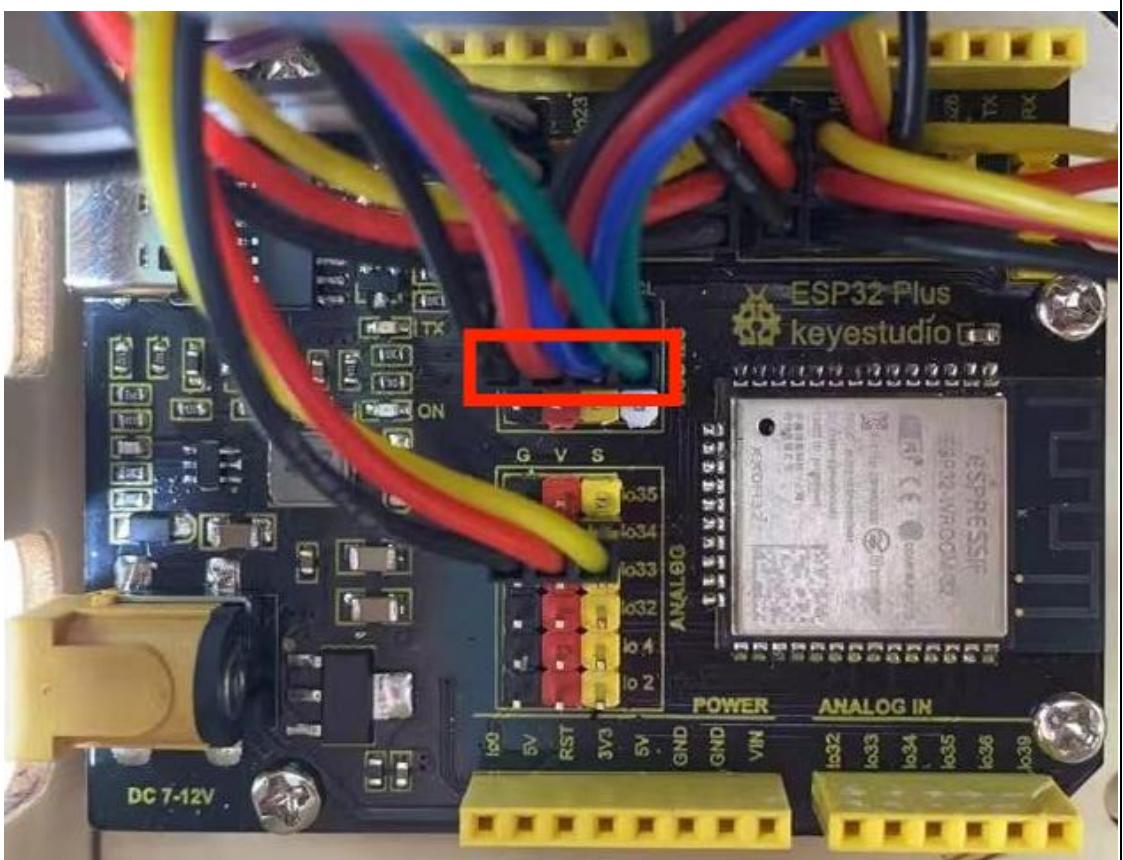
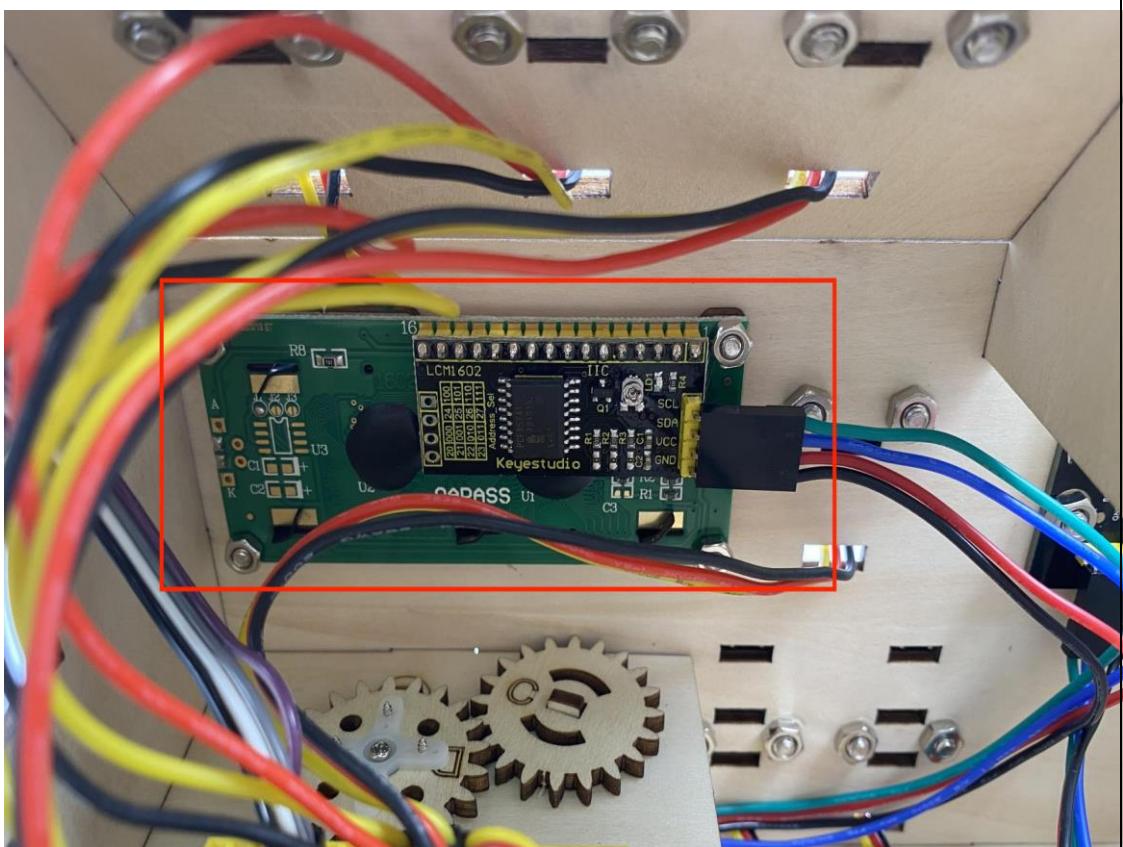
Connect
the right
button
module
to the
io27
interface



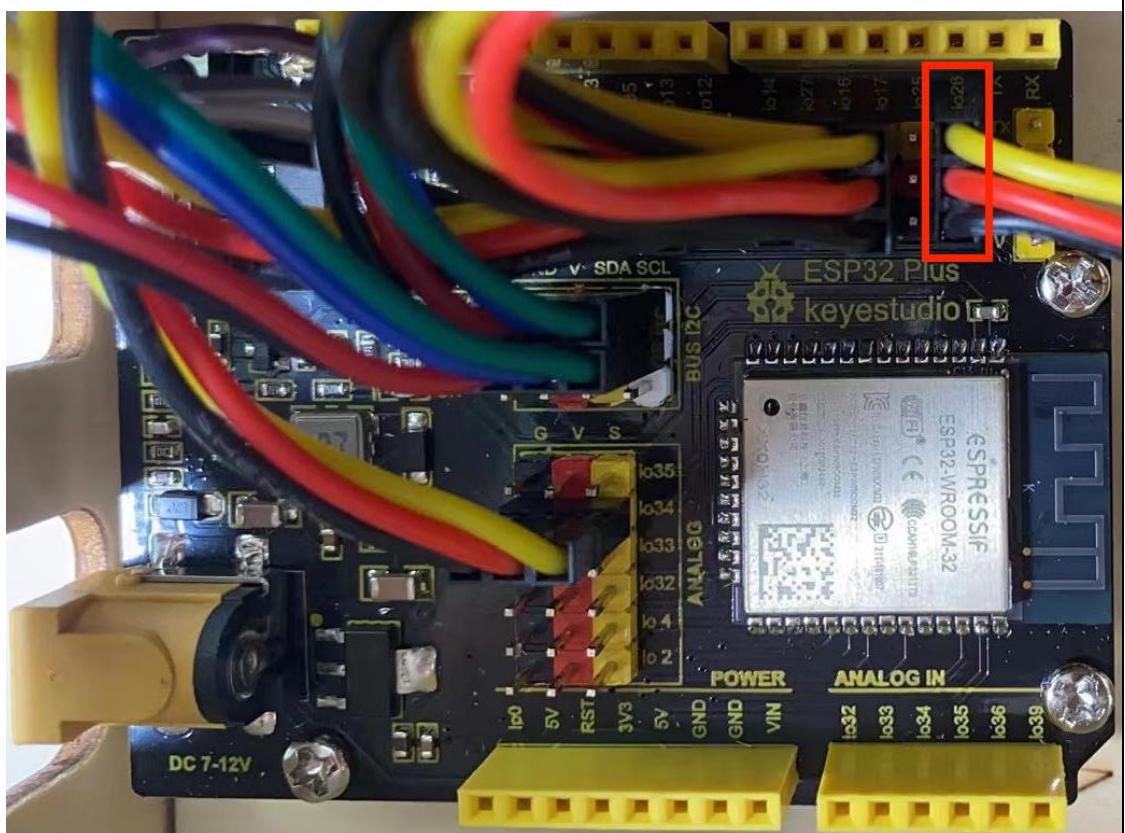
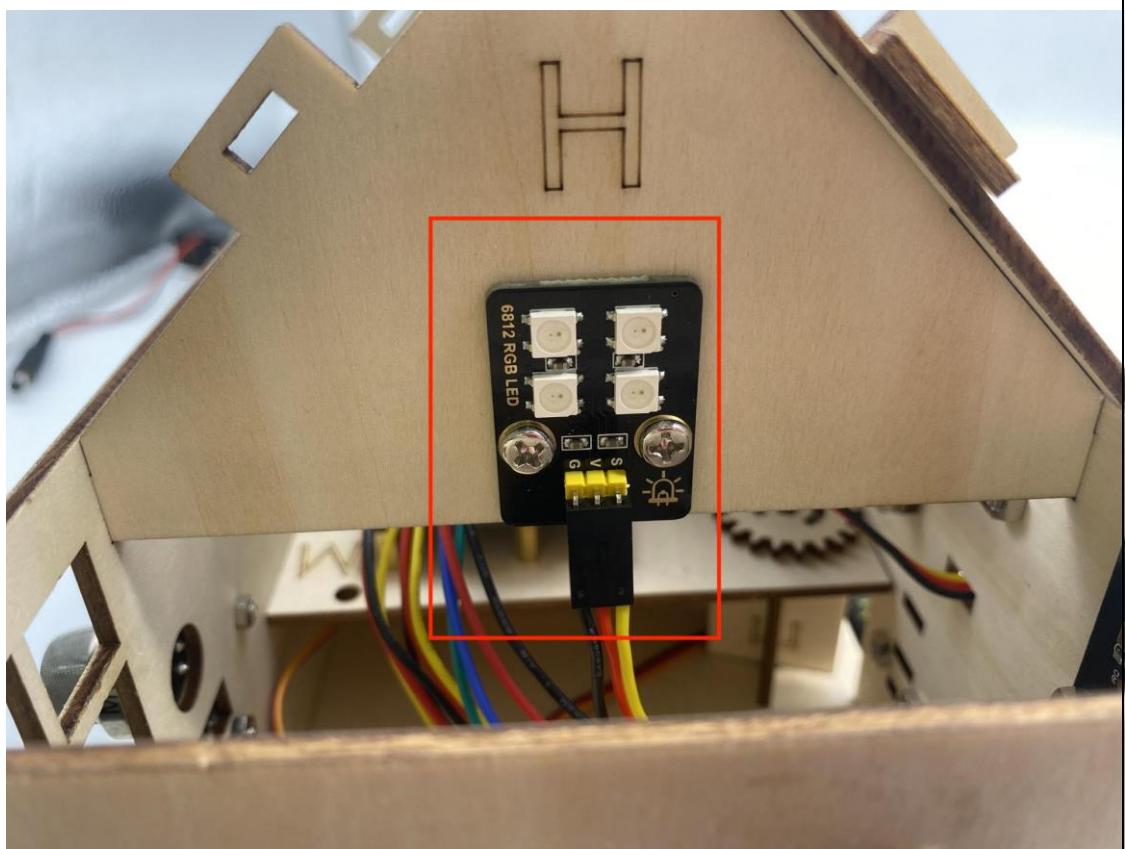
Connect
the RFID
module
to the
IIC
interface



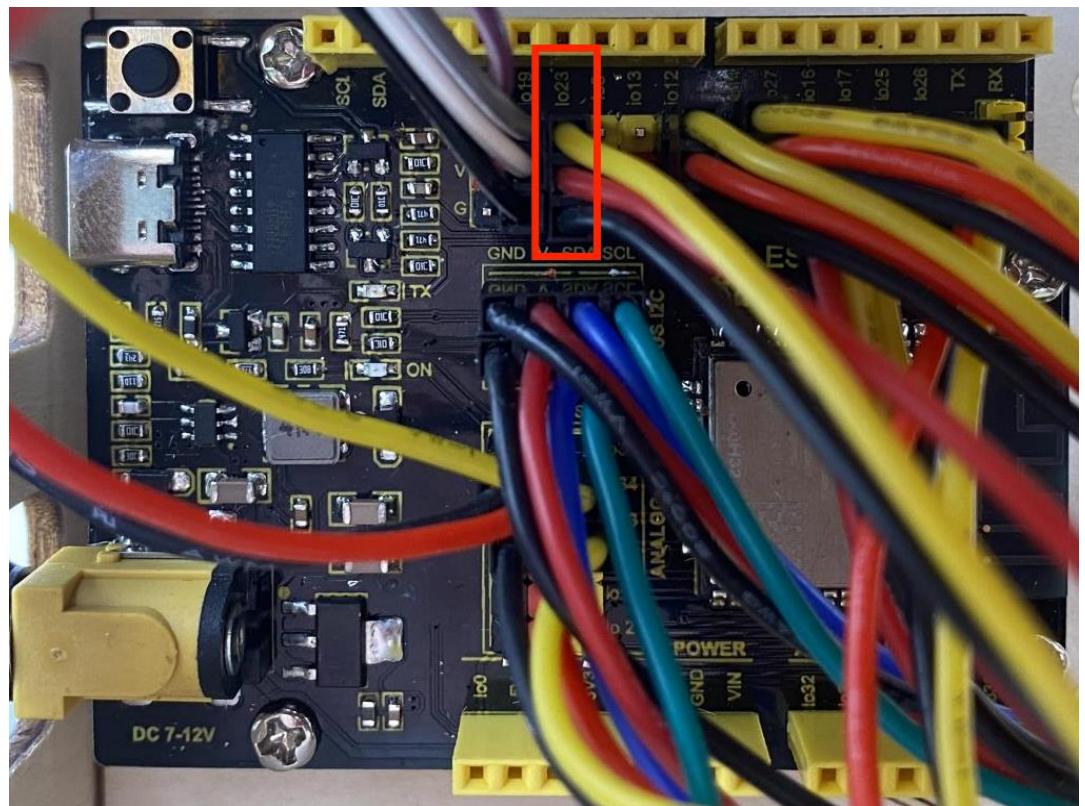
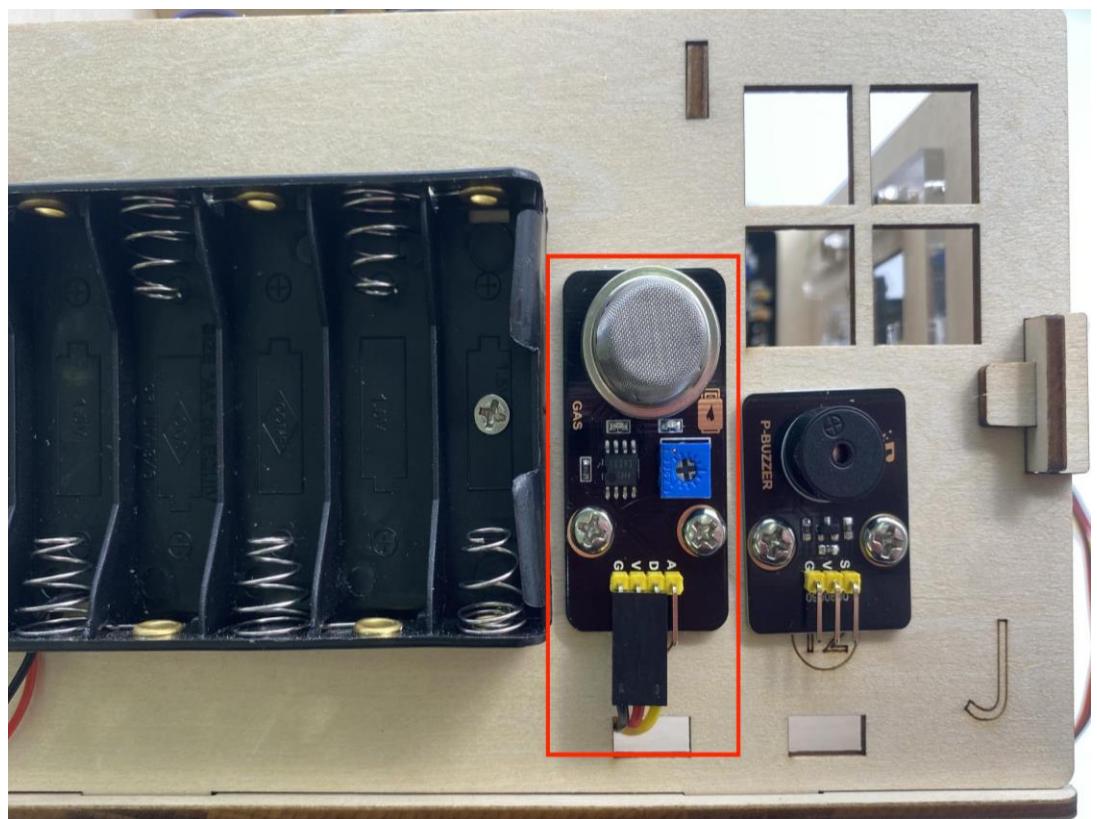
Connect
the
LCD160
2 display
to the
IIC
interface



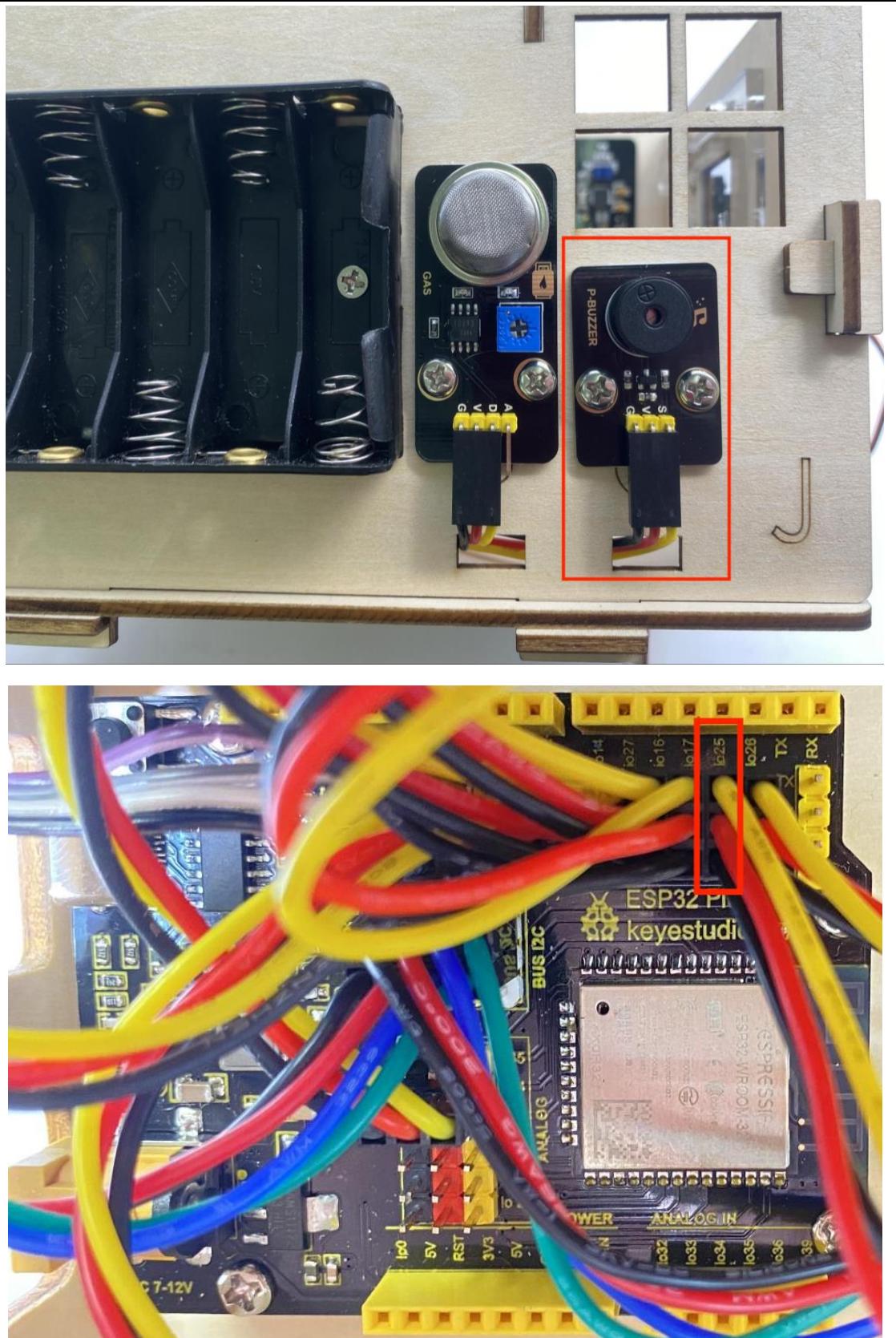
Connect
the
6812RG
B LED to
the io26
interface



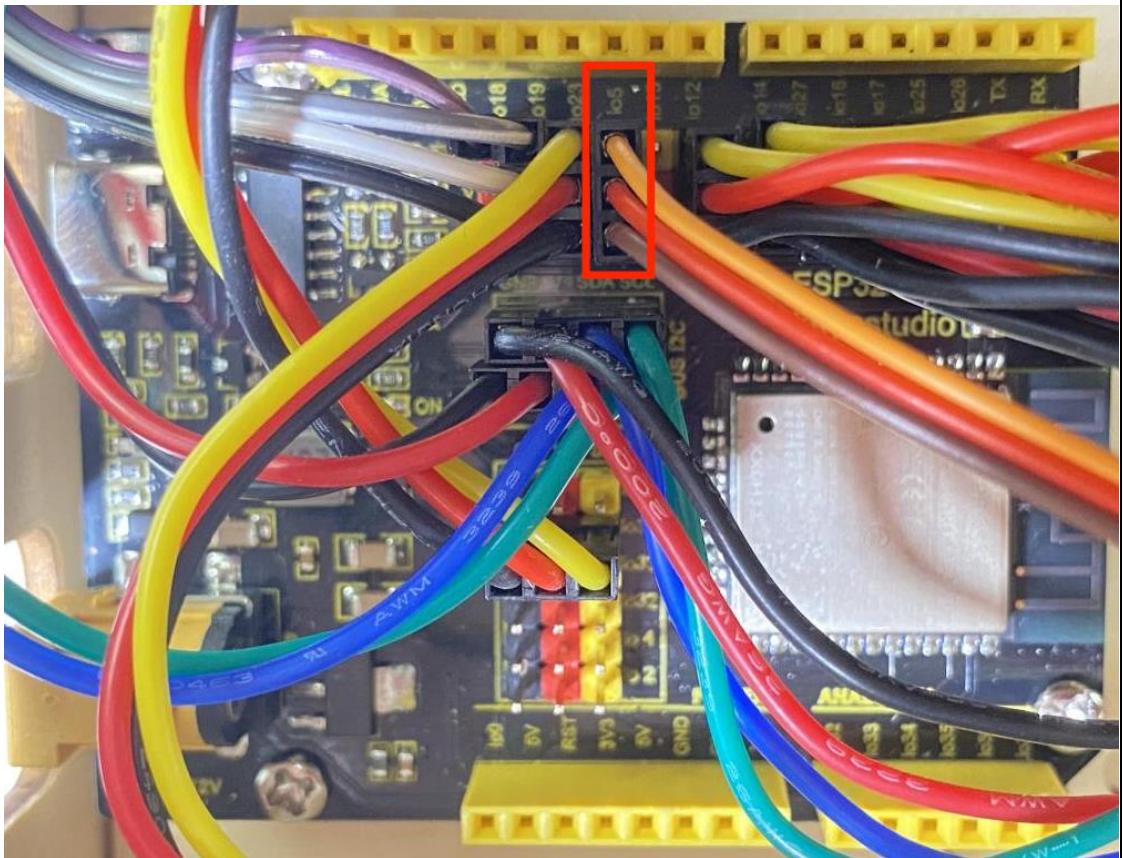
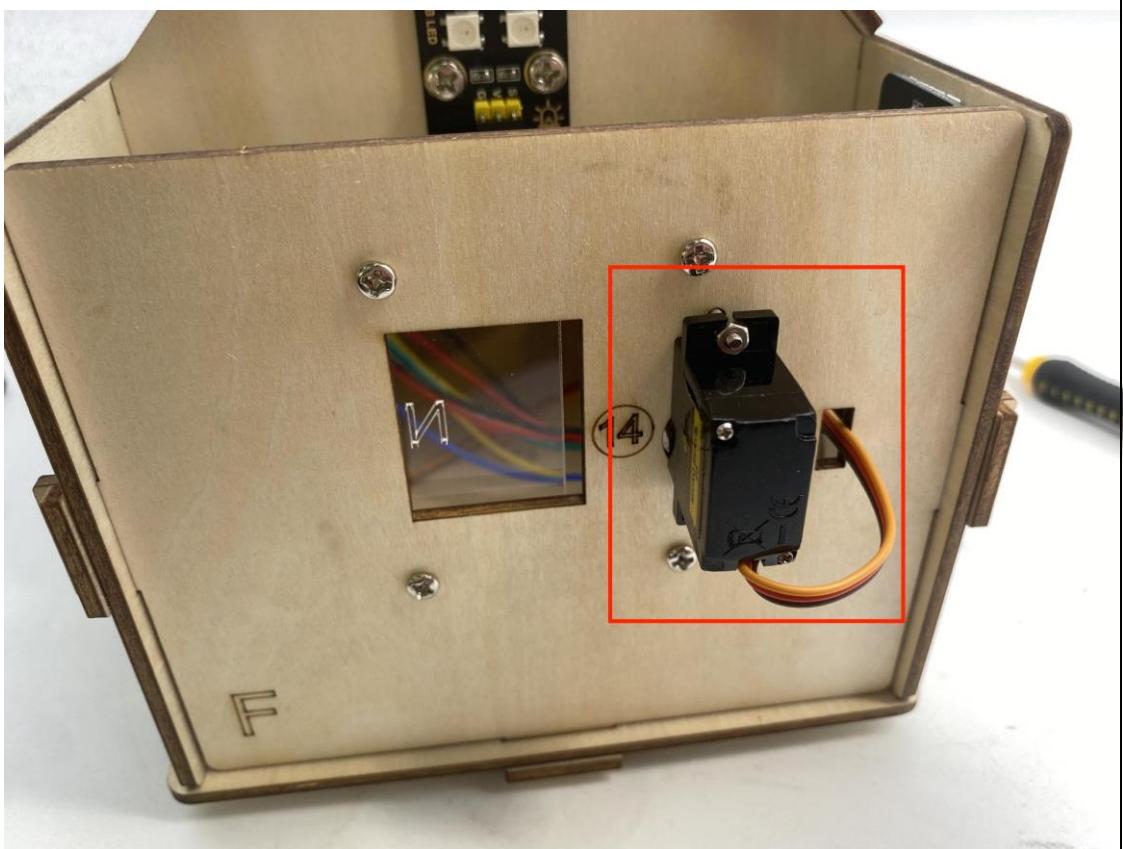
Connect
the gas
sensor
to the
io23
interface



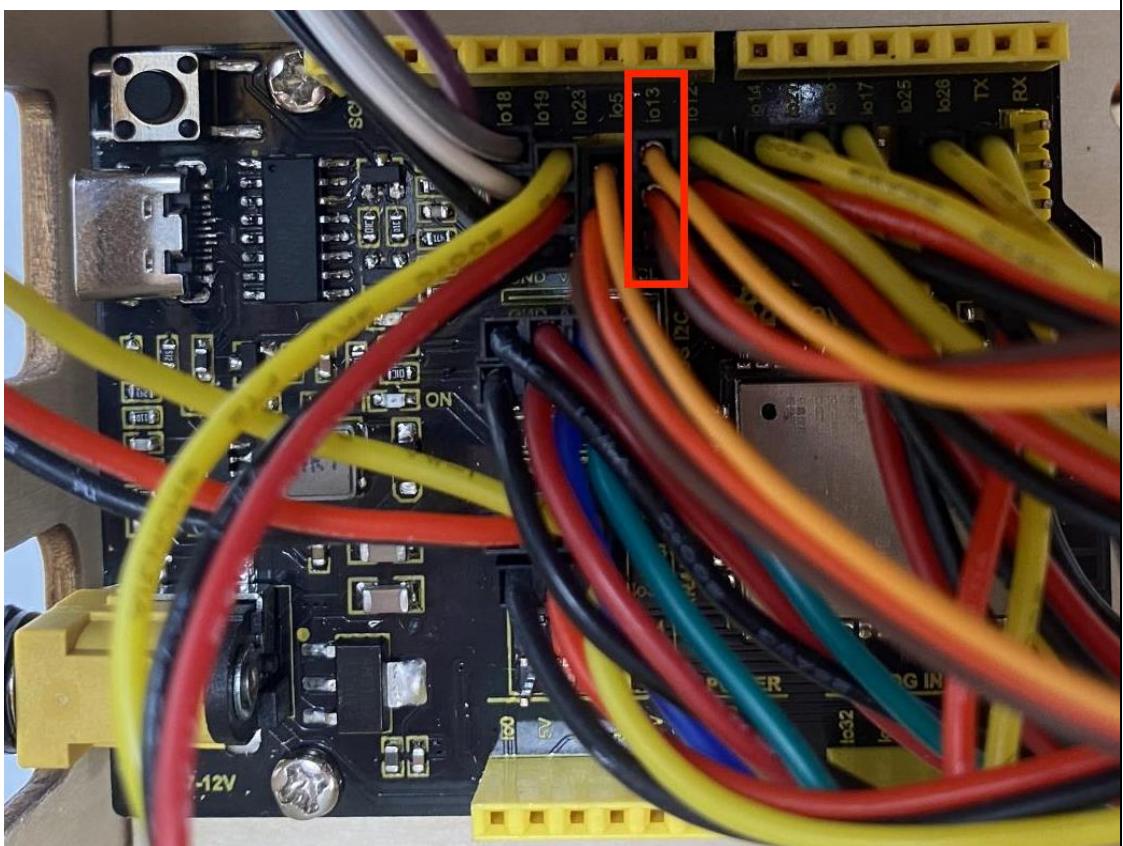
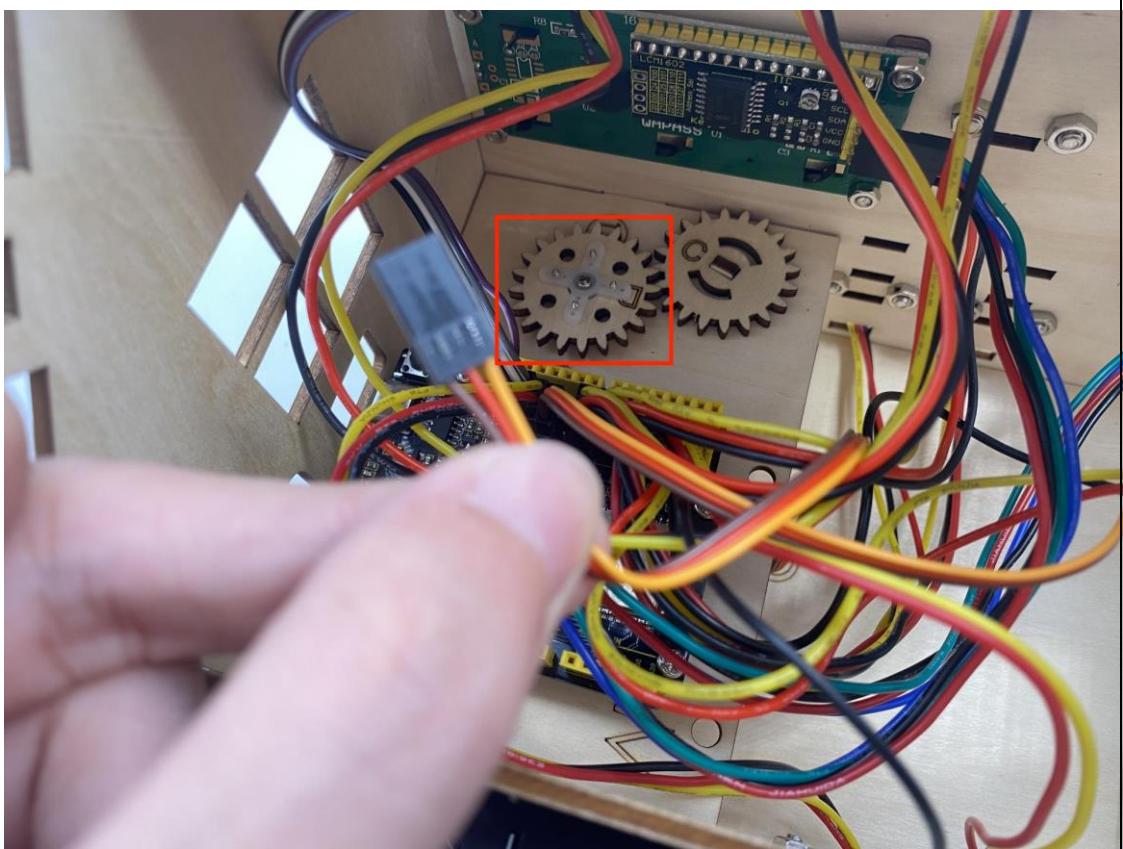
Connect
the
buzzer
sensor
to the
io25
interface



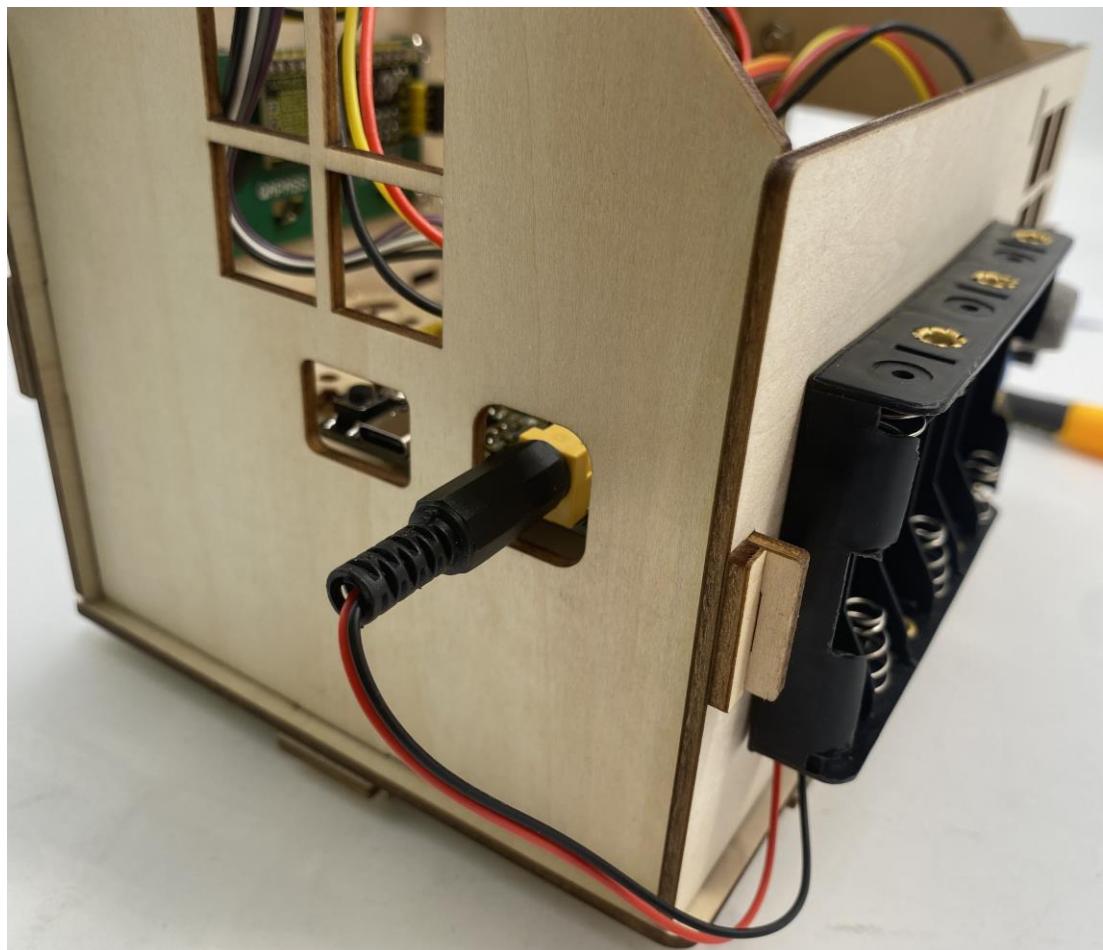
Connect
servo
controlli
ng
windows
to the
io5
interface



Connect
servo
controlli
ng
doors
to the
io13
interface

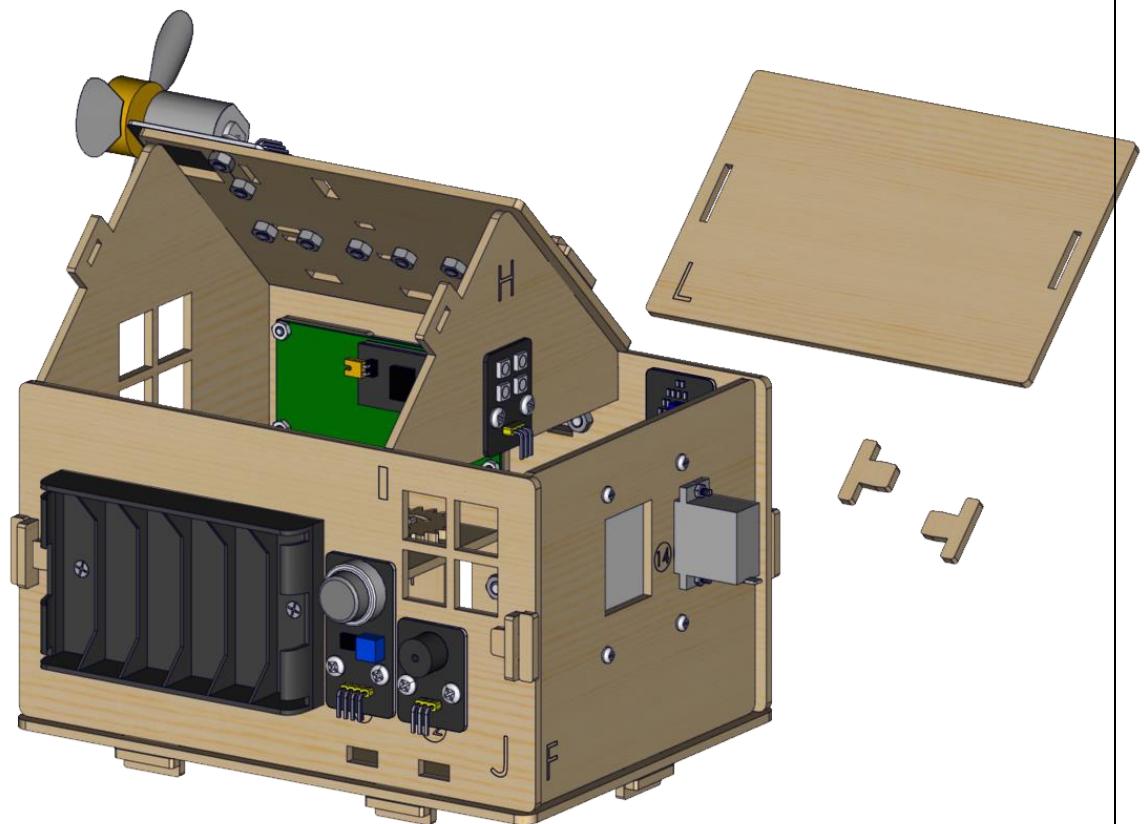


power
wiring

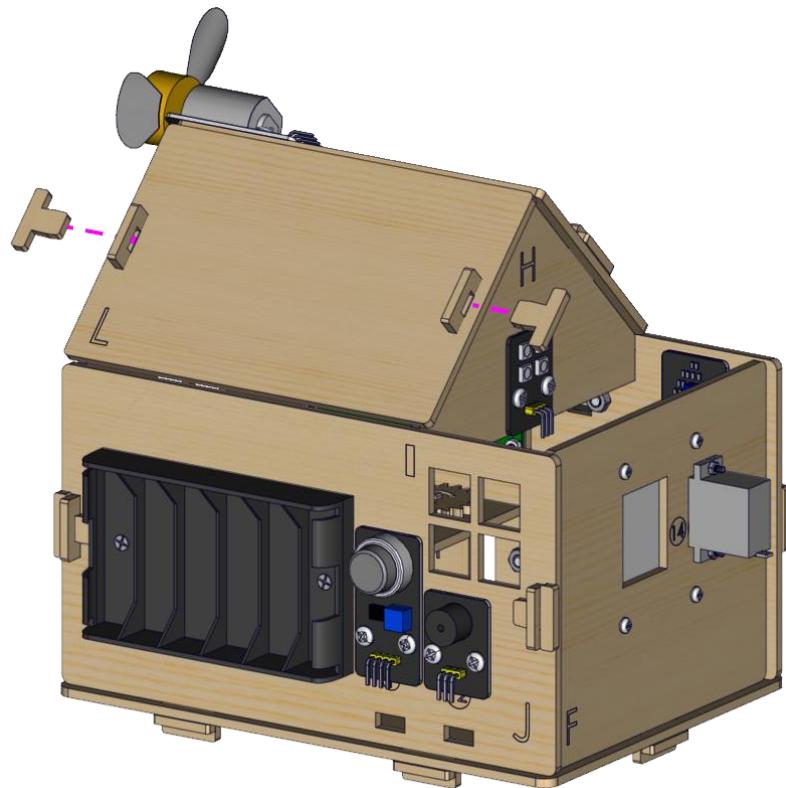


Step 20

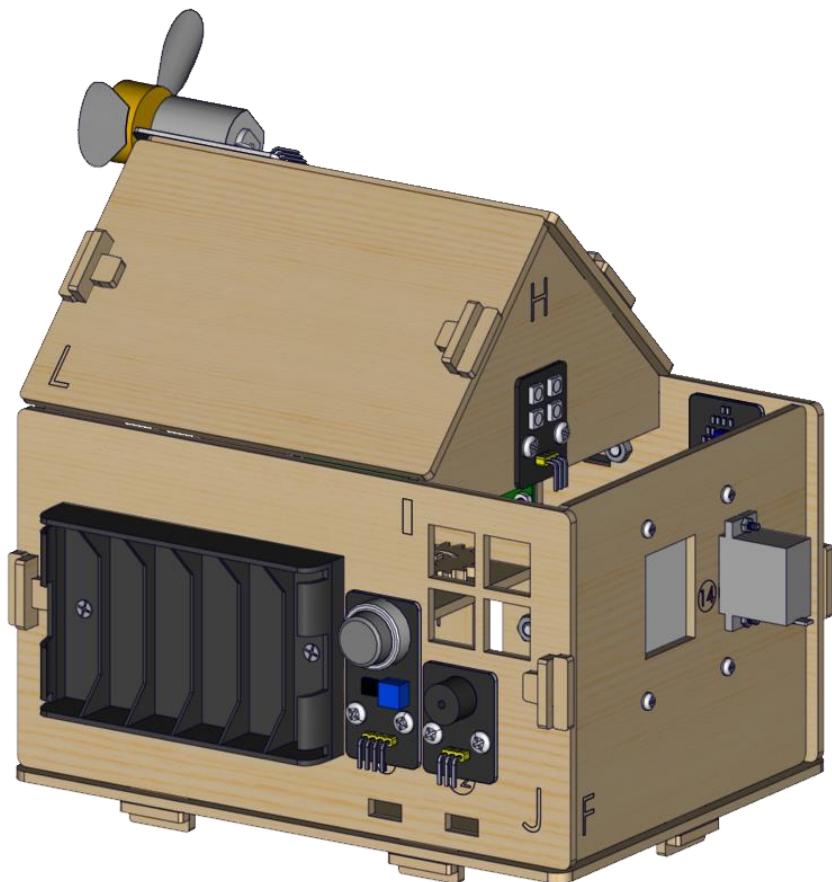
Components Required



Installation
Diagram



Prototype



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