




































































A kit with a Freenove® ESP32 Board for learning programming and electronics.

| | | | | | |
|--|---|--|--|--|--|
| <h1>Download Needed: Tutorial and Code</h1> <p>(No paper tutorial.)</p> | | |  | | |
| <p>The download link can be found on the box!</p> | | | <p>ESP32-WROVER</p> | | |
|  <p>7-Segment Display</p> |  <p>4-Digit 7-Segment Display</p> |  <p>LED Matrix</p> |  <p>Resistor-220</p> |  <p>Resistor-1K</p> |  <p>Resistor-10K</p> |
|  <p>Push Button</p> |  <p>Big Push Button</p> |  <p>Red Push Button Cap</p> |  <p>Green Push Button Cap</p> |  <p>Blue Push Button Cap</p> |  <p>Yellow Push Button Cap</p> |
|  <p>Rectifier Diode</p> |  <p>Switch Diode</p> |  <p>NPN Transistor</p> |  <p>PNP Transistor</p> |  <p>2X AA Battery Holder</p> |  <p>9V Battery Cable</p> |
|  <p>Active Buzzer</p> |  <p>Passive Buzzer</p> |  <p>Temperature and humidity Sensor</p> |  <p>Thermistor</p> |  <p>Photoresistor</p> |  <p>Relay</p> |
|  <p>Motor Driver</p> |  <p>Joystick</p> |  <p>Infrared Motion Sensor</p> |  <p>Infrared Remote</p> |  <p>Infrared Receiver</p> |  <p>Ultrasonic Ranging Module</p> |
|  <p>65 Jump Wire M-M</p> |  <p>10 Jump Wire F-F</p> |  <p>10 Jump Wire F-M</p> |  <p>USB Cable</p> |  <p>General Board</p> |  <p>40 Pin Header</p> |
|  <p>Red LED</p> |  <p>Green LED</p> |  <p>Blue LED</p> |  <p>LED Bar Graph</p> |  <p>Yellow LED</p> |  <p>RGB LED</p> |
|  <p>Potentiometer</p> |  <p>Capacitor 0.1uf</p> |  <p>Capacitor 10uf</p> |  <p>Switch</p> |  <p>Vibration Switch</p> |  <p>Keypad</p> |
|  <p>Audio Converter & Amplifier</p> |  <p>Motor Driver Chip</p> |  <p>Serial to Parallel Chip</p> |  <p>Servo</p> |  <p>Stepper Motor</p> |  <p>Project Board</p> |
|  <p>Female 40 Pin Header</p> |  <p>Resistor Color Code Card</p> |  <p>Plastic Box</p> |  <p>GPIO Extension Board</p> |  <p>Freenove 8 RGB LED Module</p> |  <p>Camera</p> |
|  <p>Speaker</p> |  <p>ESP32-WROVER</p> |  <p>ESP32-WROVER</p> |  <p>ESP32-WROVER</p> |  <p>ESP32-WROVER</p> |  <p>ESP32-WROVER</p> |

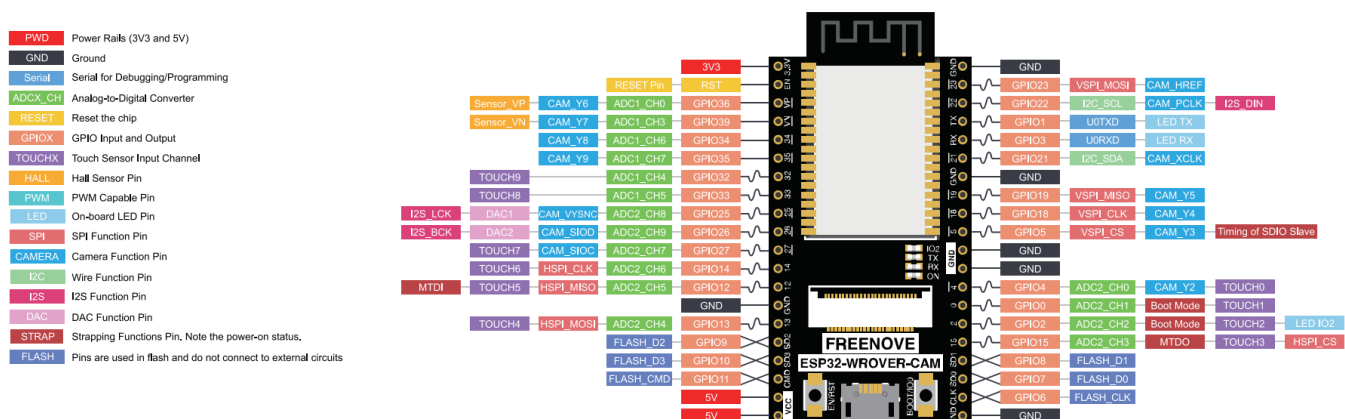
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Freenove ESP32 Board can be uploaded code using Arduino® IDE.

Arduino® is a trademark of Arduino LLC (<https://www.arduino.cc/>).

FREENOVE ESP32 WROVER CAM Pinout



Download

Click the green "Code" button, then click "Download ZIP" button in the pop-up window. Do NOT click the "Open in Desktop" button, it will lead you to install Github software.

If you meet any difficulties, please contact our technical team for help.

Use

1. Download the ZIP file as above.
2. Unzip it and you will get a folder contains tutorials and related files.
3. Please start with "Start Here.pdf".

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- Problems of products when used
- Questions of learning and creation
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Freenove is committed to helping customers learn programming and electronic knowledge, quickly implement product prototypes, realize their creativity and launch innovative products. Our services include:

- Kits for learning programming and electronics
- Kits compatible with Arduino®, Raspberry Pi®, micro:bit®, etc.
- Kits for robots, smart cars, drones, etc.
- Components, modules and tools
- Design and customization

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