Work shop

Basic of Internet of Things

Equipment of IoTs

สะຖານທີ່ ພາກວິຊາ ວິສະວະກຳຄອມພິວເຕີ ແລະ ເຕັກໂນໂລຊີຂໍ້ມູນຂ່າວສານ

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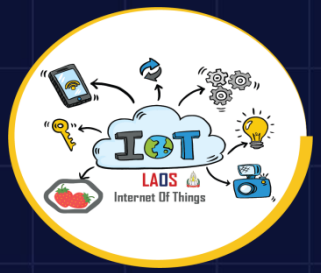

Equipment of IoTs

- The equipment we use for today have 3 things
- There are Node MCU ESP 8266 , Node MCU ESP 32, LED-Light Emitting Diode, kidbright board, DHT sensor, LM73 Temperature Sensor, **LDR-Light Detecting Resistor, LED-Light Emitting Diode, Resistor**

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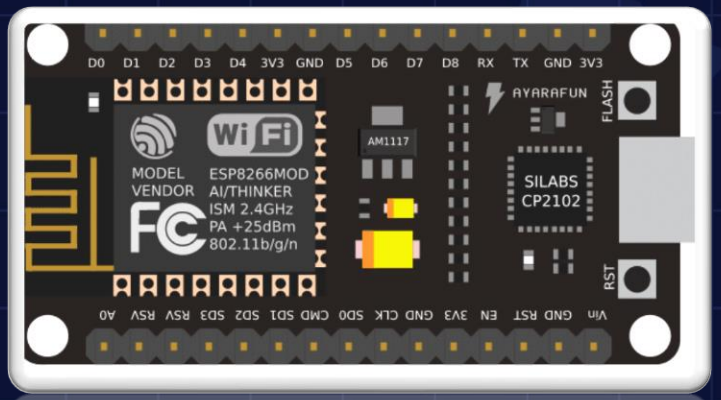
Node MCU ESP 8266



kind of board look like Arduino board but it can connect WIFI

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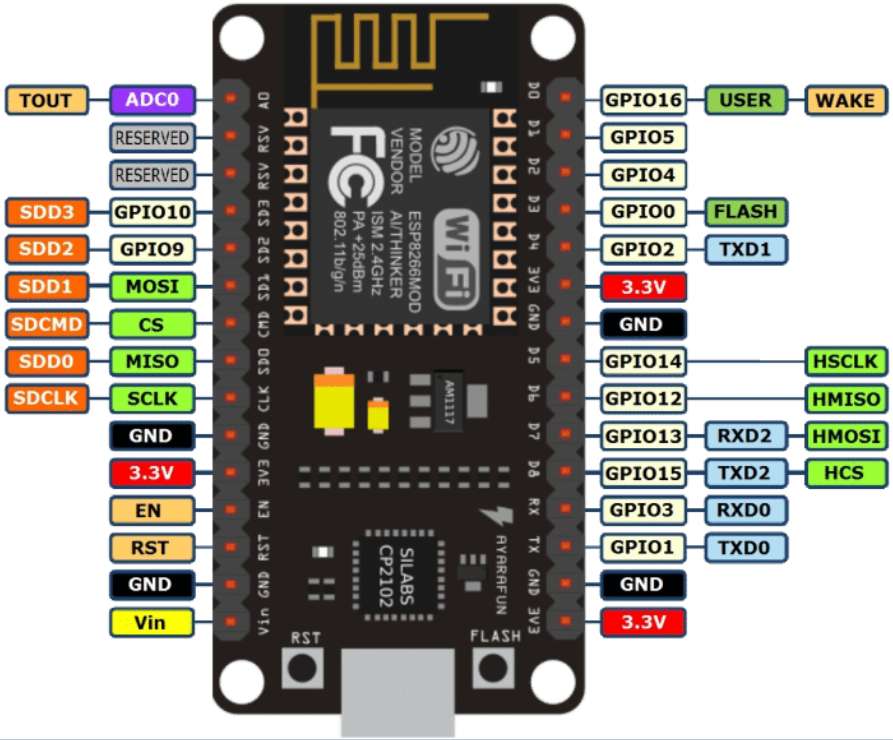

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Node MCU ESP 32

kind of board look like Arduino board but it can connect WIFI and Bluetooth

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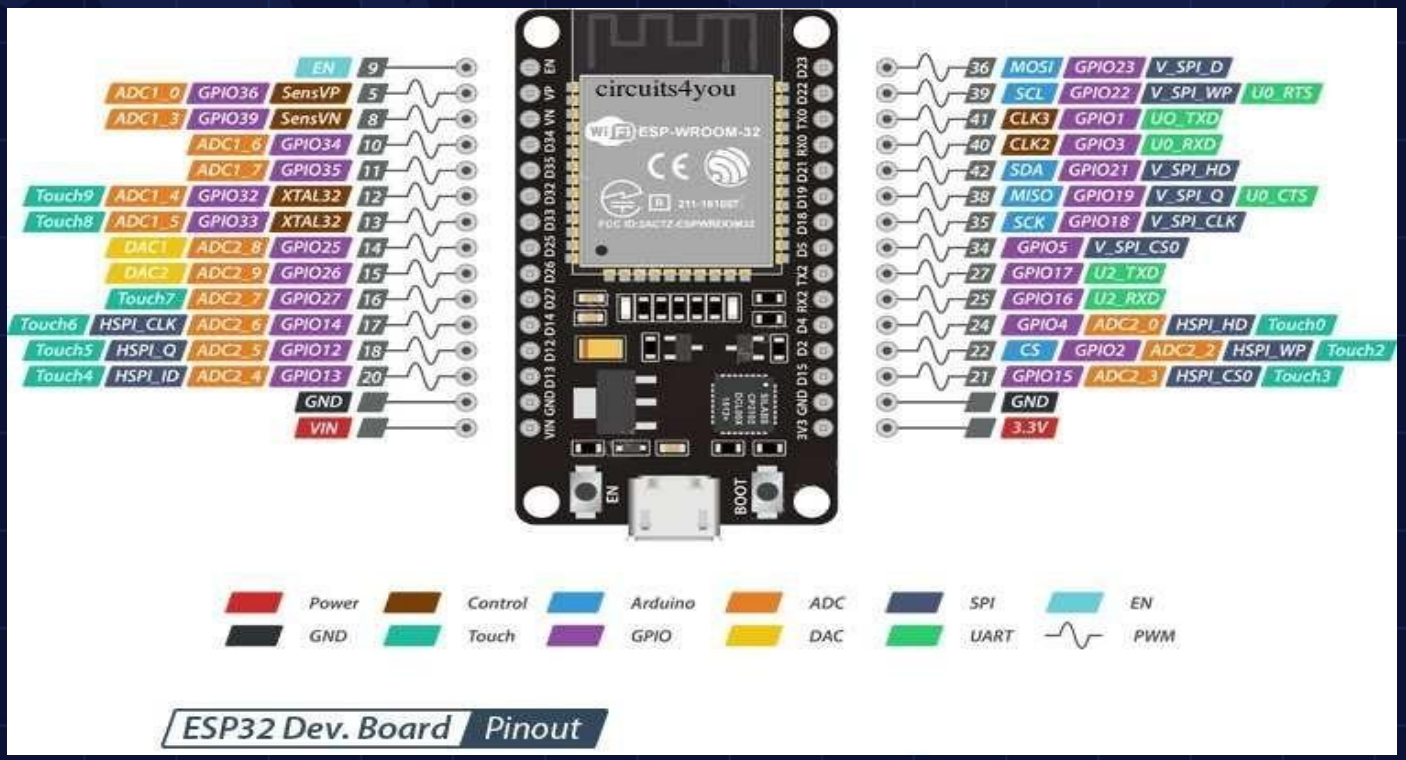

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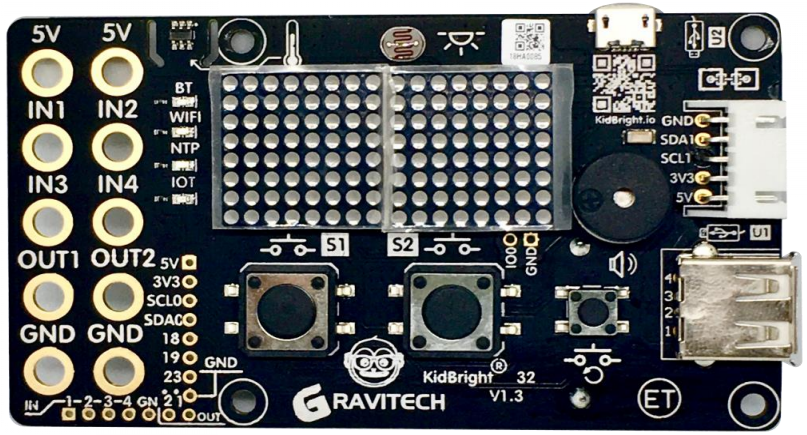
kidbright board



kind of board look like Arduino board but it can connect WIFI

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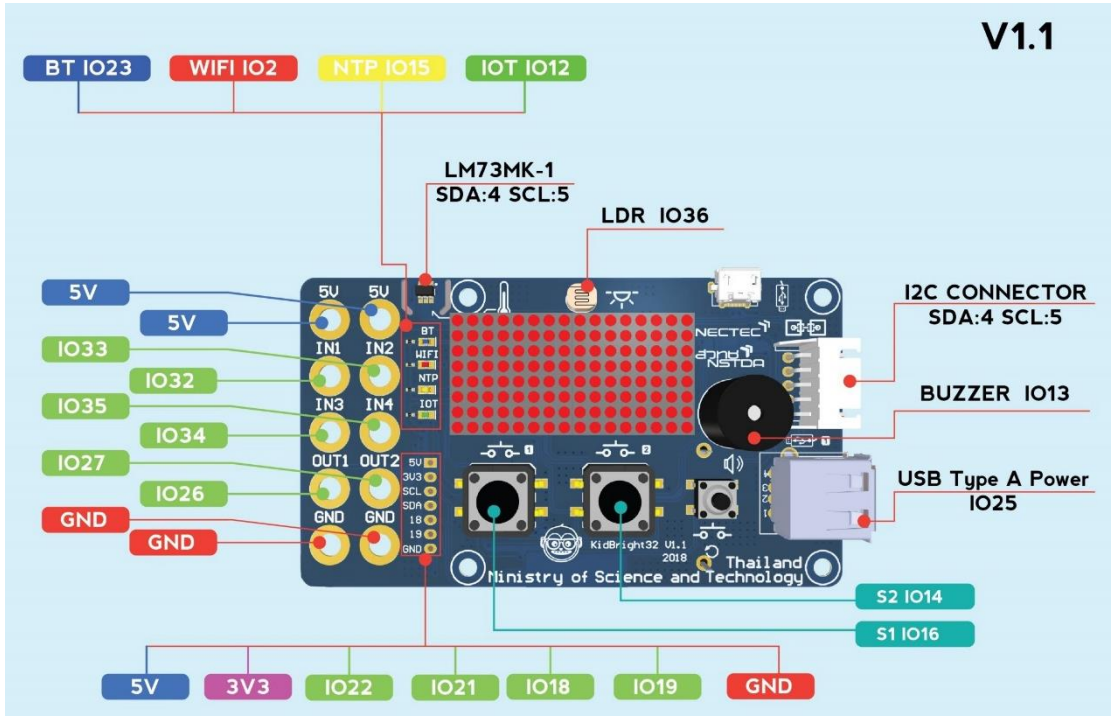

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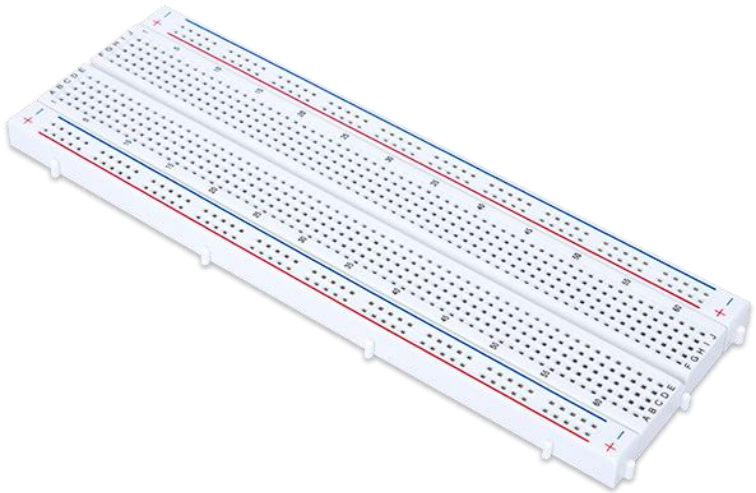
Breadboard



Spend electricity

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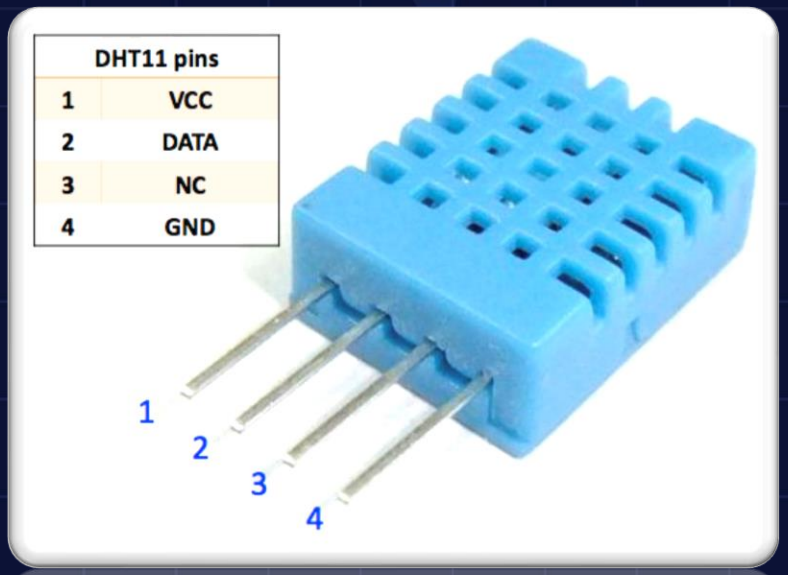
DHT11 Sensor



A small blue module that is used to measure temperature and humidity in the air.

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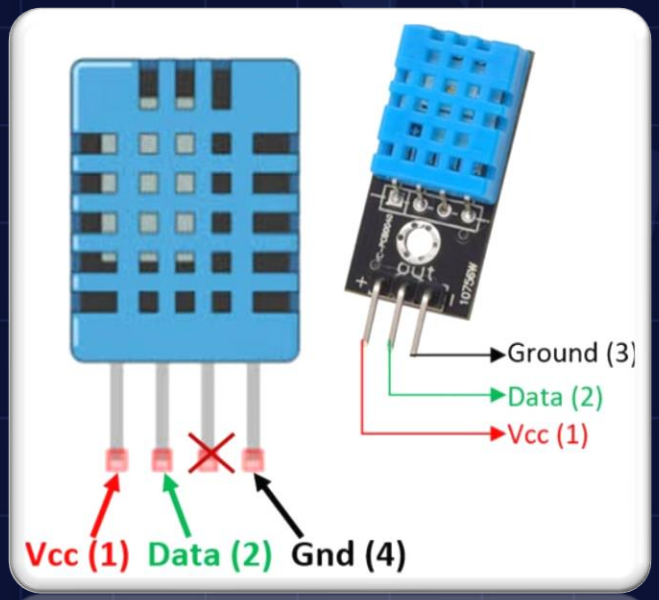
DHT Sensor



A small blue module that is used to measure temperature and humidity in the air. But have 3 point.

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LM73 Temperature Sensor

used to measure temperature.

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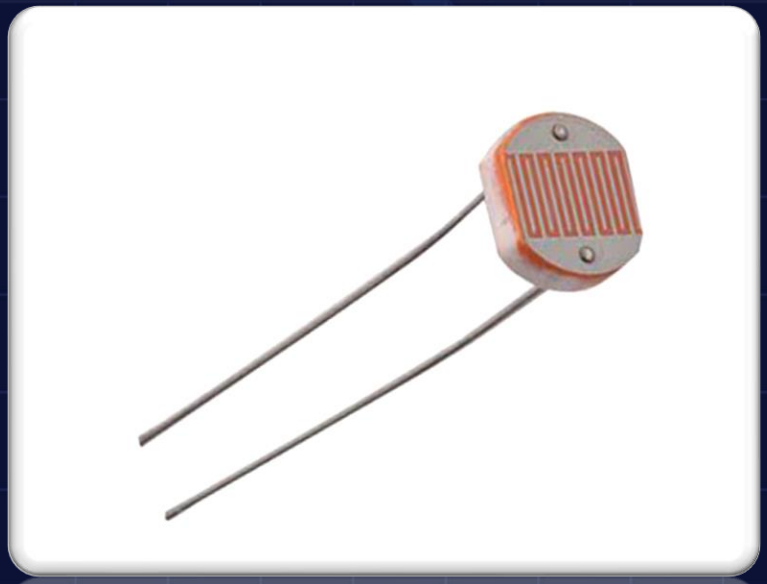
LDR-Light Detecting Resistor



used to measure light.

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LED-Light Emitting Diode

Can emit light

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LED-Light Emitting Diode

Allowing the electric current to flow along the electric wire.

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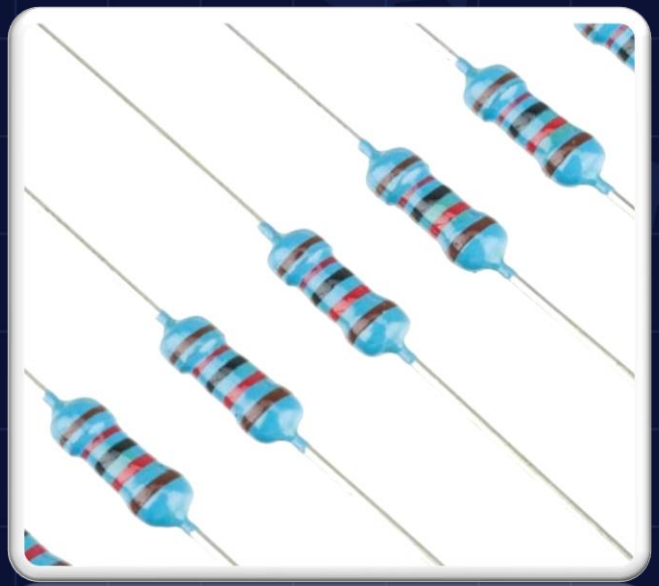
Resistor



Used to control the flow of electricity.

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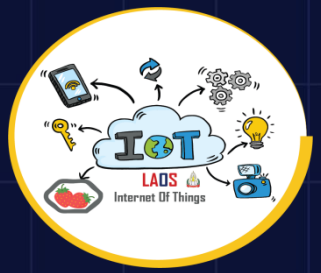

Thank you so much