



## Solenoid Valve

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**SKU:**

**Price:** ~~\$20.00~~ Original price was: ~~\$20.00~~.\$15.00  
Current price is: \$15.00.

**Stock:** instock

**Categories:** [Actuators and Power](#), [Wireless and Communication](#)

### Product Description

A solenoid valve is an electromechanically operated valve. The valve is controlled by an electric current through a solenoid: in this case of a two- port valve the flow is switched on or off. It can be normally open or normally closed.

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## Speech/Voice Recognition Module



1. voltage:4.5-5.5v
2. current :<40mA
3. Digital Interface: 5V TTL level UART interface
4. Analog Interface:3.5mm mono-channel microphone connector + microphone pin interface
5. Size: 30mm x 47.5mm

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**SKU:**

**Price:** ~~\$65.00~~ Original price was: ~~\$65.00~~.\$40.00  
Current price is: \$40.00.

**Stock:** instock

**Categories:** [Wireless and Communication](#)

## Product Description

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### Stepper Motor

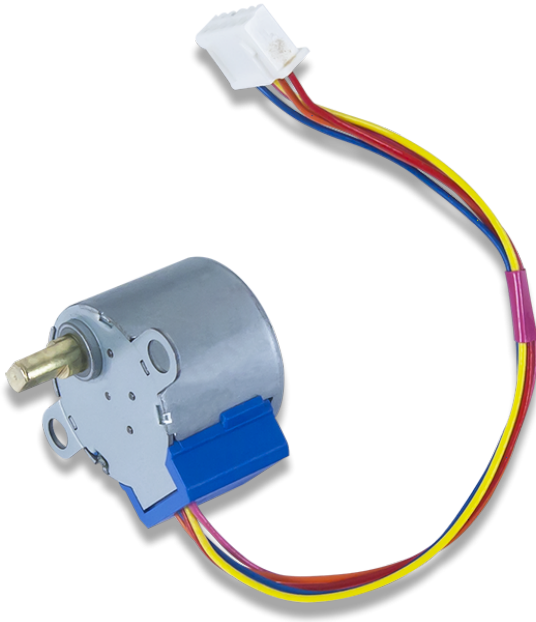
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**SKU:**

**Price:** ~~\$8.00~~ Original price was: ~~\$8.00~~. \$5.00 Current price is: \$5.00.

**Stock:** instock

**Categories:** [Actuators and Power](#)



## Product Description

A stepper motor is a rotary actuator that allows for precise control of angular position. It consists of a motor coupled to a sensor for position feedback. It also requires a servo drive to complete the system. The drive uses the feedback sensor to precisely control the rotary position of the motor. This is called closed-loop operation. By running the system closed-loop, servo motors provide a high performance alternative to stepper and AC induction motors.

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### Temperature and Humidity sensor

DHT22

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**SKU:**

**Price:** ~~\$10.00~~ Original price was: ~~\$10.00~~. \$8.00 Current price is: \$8.00.

**Stock:** instock

**Categories:** [Sensors](#)



## Product Description

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### Temperature and Humidity Sensor

DHT11

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**SKU:**

**Price:** ~~\$8.00~~ Original price was: \$8.00. \$5.00 Current price is: \$5.00.

**Stock:** instock

**Categories:** [Sensors](#)

## Product Description

The DHT11 is a basic, ultra low-cost digital temperature and humidity sensor. It uses a capacitive humidity sensor and a thermistor to measure the surrounding air and spits out a digital signal on the data pin (no analog input pins needed). Its fairly simple to use but requires careful timing to grab data. The only real downside of this sensor is you can only

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### Temperature Sensor LM35

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**SKU:**

**Price:** ~~\$5.00~~ Original price was: \$5.00. \$3.00 Current price is: \$3.00.

**Stock:** instock

**Categories:** [Sensors](#)

## Product Description

The LM35 series are precision integrated-circuit temperature devices with an output voltage linearly- proportional to the Centigrade temperature. The LM35 device has an advantage over linear temperature sensors calibrated in Kelvin, as the user is not required to subtract a large constant voltage from the output to obtain convenient Centigrade scaling. The LM35 device does not require any external calibration or trimming.

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## TouchPad 3x3 Keypad

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**SKU:**

**Price:** \$20.00 Original price was: \$20.00.~~\$15.00~~  
Current price is: \$15.00.

**Stock:** instock

**Categories:** [Display & Interaction](#)

### Product Description

Are you tired of stick keys or you just enjoy everything touch? You will love this shield at Netro

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## Turbidity Sensor

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**SKU:**

**Price:** \$45.00 Original price was: \$45.00.~~\$40.00~~  
Current price is: \$40.00.

**Stock:** instock

**Categories:** [Sensors](#)

### Product Description

Turbidity sensor makes use of optical principles, through the transmission and scattering in liquid solution rate comprehensive judge turbidity conditions arise. Turbidity has gradual changes, usually detected in the dynamic environment.

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## Ultrasonic Sensor HC-06

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**SKU:**

**Price:** ~~\$7.00~~ Original price was: \$7.00.\$5.00Current price is: \$5.00.

**Stock:** instock

**Categories:** [Sensors](#)

### Product Description

Ultrasonic sensor used to measure distance of the closest object in its way. It sends sound signal and measures the time it takes for the sound to hit an obstacle and bounce back. This time will be used to compute the distance of closest object.

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## Universal Programmer seat

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**SKU:**

**Price:** ~~\$20.00~~ Original price was: \$20.00.\$15.00Current price is: \$15.00.

**Stock:** instock

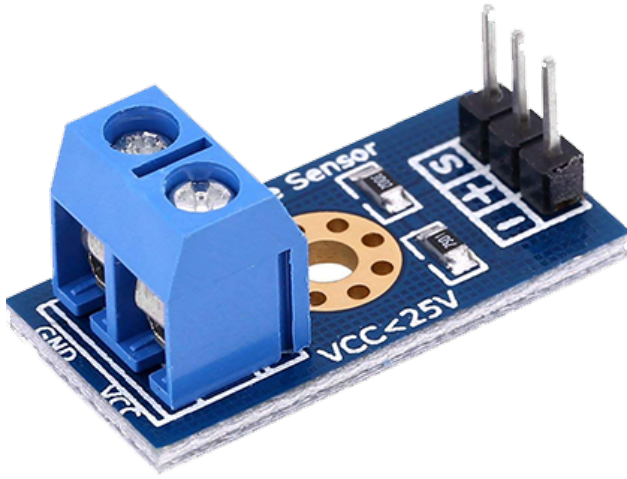
**Categories:** [Development boards and Micro Controllers](#)



### Product Description

Helps for easy PIC programming and installation

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## Voltage sensor

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**SKU:**

**Price:** ~~\$5.00~~ Original price was: \$5.00.\$3.00 Current price is: \$3.00.

**Stock:** instock

**Categories:** [Sensors](#)

### Product Description

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## Xbee Antena Shield

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**SKU:**

**Price:** ~~\$80.00~~ Original price was: \$80.00.\$60.00 Current price is: \$60.00.

**Stock:** instock

**Categories:** [Wireless and Communication](#)

### Product Description

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