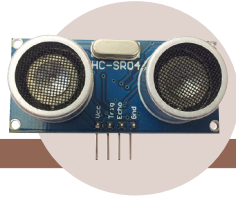


OSEPP™

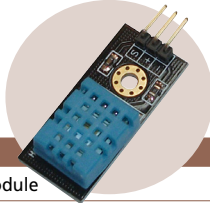
Sensors

- An ultrasonic transmitter and receiver sensor all in one
- Operating Voltage & Current: 5V, 15mA, Range: 2 to 400cm



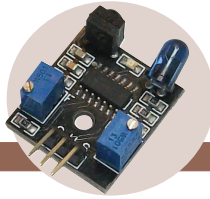
MODEL	DESCRIPTION
HC-SR04	Ultrasonic Sensor Module

- Temperature / Humidity range: 0 - 50°C / 20 - 90%RH
- Signal transmission upto 20m



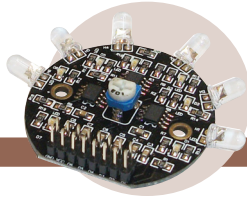
MODEL	DESCRIPTION
HUMI-01	Humidity and Temperature Sensor Module

- IR Detector module to detect objects within calibrated range
- Ideal as obstacle avoidance module



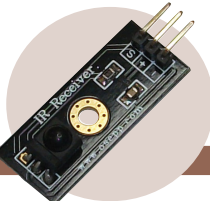
MODEL	DESCRIPTION
IRDET-01	IR Detector Module

- IR Follower module to sense infrared light
- Use to build a light following robot

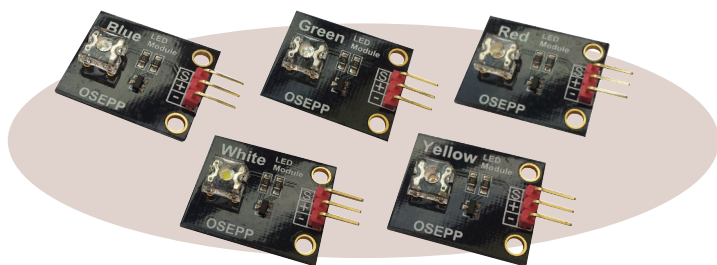


MODEL	DESCRIPTION
IRFOL-01	IR Follower Module

- IR Receiver module for Arduino projects
- Operates at 38kHz frequency



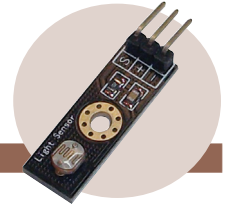
MODEL	DESCRIPTION
IRREC-01	IR Receiver Module



- LED can be controlled through a PWM signal
- Digital/pulse width modulation output

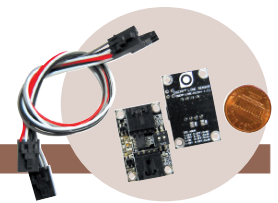
MODEL	DESCRIPTION
LEDBL-01	LED Module - Blue
LEDGN-01	LED Module - Green
LEDRD-01	LED Module - Red
LEDWH-01	LED Module - White
LEDYL-01	LED Module - Yellow

- Photoelectric sensor detects ambient light
- Interface with microcontrollers and logic circuits



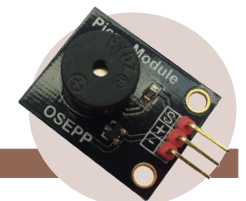
MODEL	DESCRIPTION
LIGHT-01	Light Sensor Module

- Differentiates reflections between light and dark surfaces
- Two IR sensors per board, 8-bit A/D converter



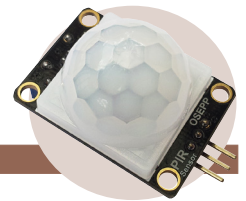
MODEL	DESCRIPTION
LINE-01	IR Line Sensor Module

- Analog input sound pressure sensor
- Digital output buzzer, voltage range: 3.3 to 5V



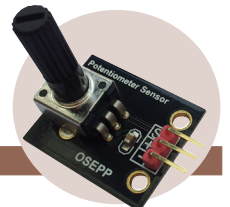
MODEL	DESCRIPTION
PIEZO-01	Piezo Sensor Module

- Detects changes in motion within its environment.
- Digital input sensor, Operating voltage 5 to 12V



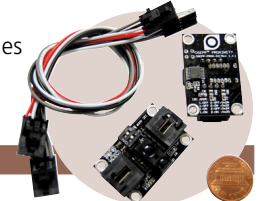
MODEL	DESCRIPTION
PIR-01	Passive Infrared Sensor Module

- 360 degree rotation angle (non continuous)
- Analog reading of voltage



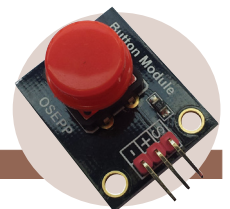
MODEL	DESCRIPTION
POTEN-01	Potentiometer Module

- Ideal for detecting objects or to avoid obstacles
- Can also be used in a touchless switch application



MODEL	DESCRIPTION
PROX-01	IR Proximity Sensor Module

- Plug and play configuration
- Digital input, operating voltage: 3.3 to 5V max



MODEL	DESCRIPTION
PUSH-04	Push Button Module