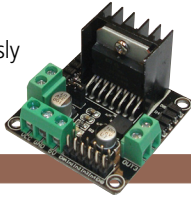


OSEPP™

Boards

- Drive 1 stepper motor or 2 DC motors simultaneously
- Can control the motor's direction and speed
- L298 dual H bridge driver



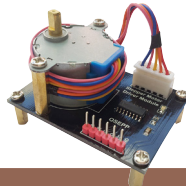
MODEL	DESCRIPTION
MTD-01	Motor Driver Module

- Based on Arduino Pro-Mini
- Extremely small profile board, About 1/5 the size of Pro board
- Connections: serial communication, DC power



MODEL	DESCRIPTION
PRM-01	Pro Mini

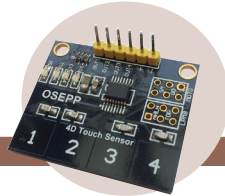
- ULN2003A stepper motor board
- Use to control 4 phase bipolar stepper motors like 28BYJ-48
- 100% Arduino Compatible



MODEL	DESCRIPTION
STEPD-01	Stepper Motor and Driver Board

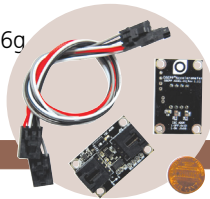
Sensors

- Capacitive touch, Digital input, Indicator LEDs
- Operating voltage: 2.5 – 5.5V max



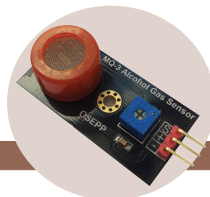
MODEL	DESCRIPTION
4DTOUCH-01	4-Digit Touch Sensor Module

- 3-axis accelerometer with high resolution up to 16g
- Tilt-sensing & dynamic acceleration from motion or shock



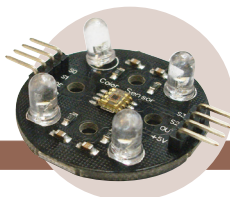
MODEL	DESCRIPTION
ACCEL-01	Accelerometer Sensor Module

- Detects LPG, i-butane, methane, alcohol, hydrogen
- Analog input, Operating voltage: 5V



MODEL	DESCRIPTION
AGAS-01	Alcohol Gas Sensor MQ-3 Module

- Detects and measures a wide range of visible colors
- TSC3200 RGB sensor chip, Digital TTL Interface



MODEL	DESCRIPTION
COLOR-01	Color Sensor Module

- Based on Arduino Nano
- Ideal for analog driven projects, Breadboard friendly form factor
- Connections: Mini-USB, ICSP, serial communication



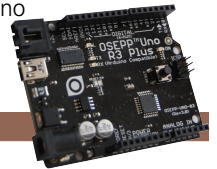
MODEL	DESCRIPTION
NAN-01	Nano Board

- Based on Arduino Pro
- Low profile board, About 2/3 the size of Uno board
- Connections: serial header, ICSP, DC power



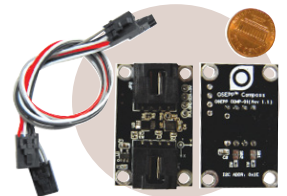
MODEL	DESCRIPTION
PRO-01	Pro Board

- Based on Arduino Uno R3, starting point of Arduino
- Connectible to motor controller shields
- Connections: Mini-USB, ICSP, Molex, DC power



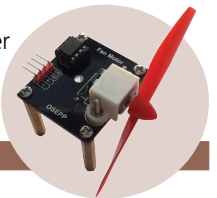
MODEL	DESCRIPTION
UNO-03	Uno R3 Plus

- HMC5883L sensor: 3-axis digital compass, high resolution
- 12-bit ADC for compass heading accuracy within 1-2 degrees



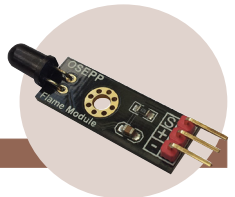
MODEL	DESCRIPTION
COMP-01	Compass Sensor Module

- Allows speed and direction control of a low power DC motor
- Operating voltage output: 3 – 6V max, 40mA



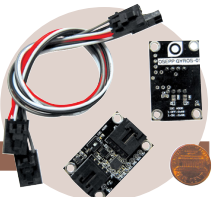
MODEL	DESCRIPTION
FAN-01	Fan Motor Module

- Detects variations in light wavelength
- Range: 760nm – 1100 nm, Arduino compatible



MODEL	DESCRIPTION
FLAME-01	Flame Sensor Module

- MPU3050 3-axis gyroscope sensor
- ± 250°/s up to ± 2000°/s angular rate measurement



MODEL	DESCRIPTION
GYROS-01	Gyroscope Sensor Module