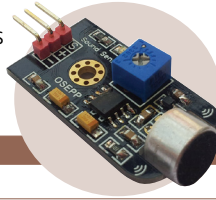


OSEPP™

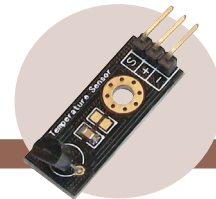
Sensors

- Perfect sensor to detect environmental variations in noise
- Voltage range: 3 to 5V, 4mA current drain



| MODEL | DESCRIPTION |
|----------|---------------------|
| SOUND-01 | Sound Sensor Module |

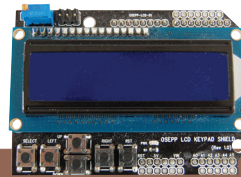
- Temperature sensor with LM35, -55°C to 150°C range
- Suitable for remote applications



| MODEL | DESCRIPTION |
|---------|--------------------------------|
| TEMP-01 | Temperature Sensor LM35 Module |

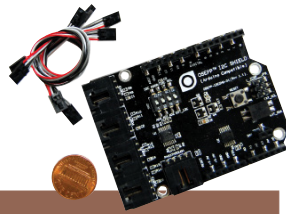
Shields

- Can be used with Arduino compatible boards
- SPLC780D 16 COMs x 40 SEGs dot-matrix LCD controller and driver
- 5 button keypad, 16 character x 2 lines



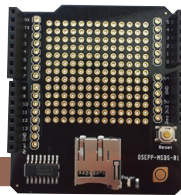
| MODEL | DESCRIPTION |
|------------|-------------------------------|
| 16X2SHD-01 | LCD Display and Keypad Shield |

- Quick connection to I²C devices
- 3 address bits for I²C switch allows stacking of up to 8 shields
- Stackable with other Arduino compatible shields



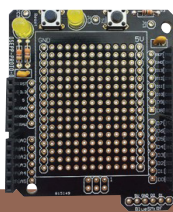
| MODEL | DESCRIPTION |
|-----------|-----------------------------------|
| I2CSHD-01 | I ² C Expansion Shield |

- Bring mass storage to Arduino projects
- Interfaces over SPI with CS on pin 8
- Compatible with popular libraries, 13 x 12 0.1" pitch



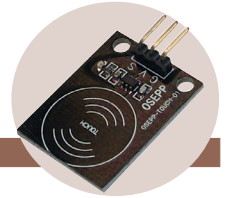
| MODEL | DESCRIPTION |
|---------|-----------------|
| MSDS-01 | Micro SD Shield |

- Prototyping shield for Arduino projects
- Allows stacking more shields without losing access to the headers.
- Arduino reset button, 2 LEDs with anode pin exposed, BlueSMiRF header



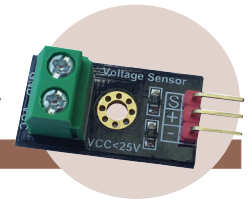
| MODEL | DESCRIPTION |
|----------|--------------|
| PROTO-01 | Proto Shield |

- Detects capacitive touch
- Easy breakout to connect to Arduino



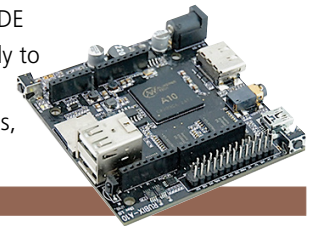
| MODEL | DESCRIPTION |
|----------|---------------------|
| TOUCH-01 | Touch Sensor Module |

- Detects the supply voltage from 0.025 to 25V
- Maximum operating voltage output: 3.3 to 5V



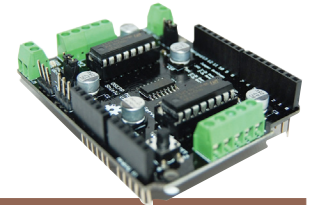
| MODEL | DESCRIPTION |
|---------|-----------------------|
| VOLT-01 | Voltage Sensor Module |

- Fully functional Linux PC with Arduino IDE
- Develop and load Arduino sketch directly to Arduino board without a PC
- Expansion headers that brings out GPIOs, I²C, UART & PWM connections



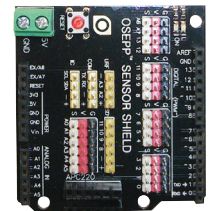
| MODEL | DESCRIPTION |
|--------|-----------------------------------|
| RUB-01 | Rubix A-10, PC shield for Arduino |

- Supports up to 4 bi-directional DC motors and up to 2 stepper motors
- Two L293D Quad H-Bridges chipset
- Connectors to support 2 servos and DIP sockets for motor bridge chipset



| MODEL | DESCRIPTION |
|----------|------------------------|
| SCSHD-01 | Motor and Servo Shield |

- Quick connection to Servos, Sensors & Bluetooth/RF modules
- Standard Arduino Shield form factor with standard Servo and Sensor breakout connectors
- 6-pin Bluetooth Connector & 6-pin APC220 RF Connector



| MODEL | DESCRIPTION |
|-----------|---------------|
| SENSHD-01 | Sensor Shield |