

OSEPP™

Arduino compatible boards from OSEPP offer a wide range of I/O features to maximize flexibility and control in your projects. Built on the Open-Source Electronics Prototyping Platform, easy to interface hardware and software compatible with existing Arduino libraries.

The OSEPP Sensors and expansion Shields extend the possibilities even further. Use these in conjunction with the microcontroller boards and build devices that can sense and respond to the physical world! The projects can be stand-alone or they can communicate with software running on a computer (e.g. Flash, Processing, MaxMSP).

Please visit our website www.circuittest.com for detail information and specification on all these products

Kits

- Starter kit to discover Arduino with easy lessons
- Includes OSEPP Uno R3 Plus board, parts and detailed instructions
- Start with basic on how to load the first sketch and continue to various projects
- Projects on Digital I/P & O/P, Voltmeter, LED Game, Powering UNO, etc.

| MODEL | DESCRIPTION |
|--------|-------------------------------|
| ARD-01 | 101 Arduino Basic Starter Kit |

- Parts kit with step-by-step instructions on Arduino related projects
- Use with OSEPP™ Uno R3 Plus Board (Not Included)
- Learn how to load the first sketch
- Projects like Voltmeter, LED game, Digital input and outputs, Buzzer, etc

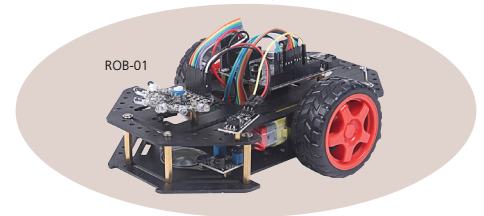
| MODEL | DESCRIPTION |
|---------|---------------------------------|
| ARD-01B | 101 Arduino Basic Companion Kit |

- Complete kit to build at least 15 projects
- Includes OSEPP Uno R3 Plus board, parts and detailed instructions
- Projects on Temperature, Light, LEDs & LCD, Sound, Ultrasonic, Motors
- Discover Arduino without prior electronics knowledge

| MODEL | DESCRIPTION |
|--------|-------------------------------|
| ARD-02 | 201 Arduino Basic Starter Kit |

- Complete kit to make an autonomously operated robot
- Easy to add-on sensors and other devices
- Projects on understanding H Bridge, Motor Driver, IR & Serial follower, IR Remote, etc.
- Learn how to make the robot avoid objects using 2 IR detectors and a lot more.

| MODEL | DESCRIPTION |
|--------|------------------------|
| ROB-01 | 101 Robotics Basic Kit |



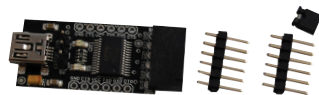
Boards

- Bluegiga WT11 class 1 Bluetooth 2.1 + EDR module
- Connects to a computer via Bluetooth serial COM
- Connections: Bluetooth 2.1+EDR, ICSP, DC power



| MODEL | DESCRIPTION |
|--------|-------------|
| BTH-01 | Bluetooth |

- USB-to-serial (TTL) converter
- Uses FT232RL chip, Breadboard friendly form factor
- Specially designed for use with OSEPP Pro & Pro Mini



| MODEL | DESCRIPTION |
|--------|---------------------|
| FTD-01 | FTDI Breakout Board |

- For wireless applications, based on Arduino Fio
- Connector for interfacing with XBee modules
- Connections: Mini-USB, XBee socket, battery connector, ICSP



| MODEL | DESCRIPTION |
|--------|-------------|
| FIO-01 | Fio Board |

- Based on Arduino Mega 2560 R3
- 8x more flash & 4x more SRAM and EEPROM than the Uno R3
- Flexible power source: USB or external DC supply



| MODEL | DESCRIPTION |
|--------|-------------------|
| MEG-03 | Mega 2560 R3 Plus |