SENSOR KIT FOR ARDUINO
A very handy kit containing 37 different devices with the standard 3-pin interface for Arduino. We sell many of these modules and sensors separately, but this kit would be a bargain for a classroom or experimental setting. In addition to a useful assortment of sensors, the kit includes a joystick, relay module, sound and light emitting modules and a pushbutton. Packaged in individual compartments in a sturdy clear plastic case with an easy-to-use display map on the cover showing the location of each item.

CAT # SKA-36 $36.00 each

CLOCK MODULE
The DS1302 trickle-charge time-keeping chip contains a Real-Time Clock/calendar. It communicates with a micro-processor via a simple serial interface. On-board CR2032 backup battery. Operates on 2-5.5VDC @ 300mA. 44mm x 23mm x 11mm.

CAT # ME-48 $3.00 each

LOGIC LEVEL CONVERTER, BI-DIRECTIONAL
Bi-directional logic level converter safely steps down 5V signals to 3.3V and steps up 3.3V to 5V at the same time. This level converter also works with 2.8V and 1.8V devices. 0.63 x 0.52” (16.05 x 13.33mm).

CAT# LLC-46 $2.95 each

ARDUINO STACKABLE HEADER KIT
Works with Arduino Main Board, Pro & Mega. They clear the USB-B connector and enable stacking of multiple shields. This kit includes four headers (2 8-pin and 2 6-pin).

CAT# HDR-07 $1.50 each

WiFi MODULE - ESP8266
Self contained WiFi module capable of either hosting an application or offloading all Wi-Fi networking functions from another application processor. Pre-programmed with an AT command set firmware. Operating voltage 3.3V.

CAT# ESP-8266 $5.00 each

16 X 2 LCD W/ KEYPAD
For Arduino compatible boards for user input & menu selection in custom applications. Features a 1602 white character LCD with blue LED backlight and 4-bit Arduino LCD library. Character size: 2.95 x 4.35mm. Keypad consists of 6 keys: select, left, up, down, right & reset. Potentiometer for dimmable backlighting. LED indicator. Operates on 5Vdc. 80mm x 58mm x 13mm.

CAT# ST-1113 $5.95 each

UNO R3 STARTER KIT
A very useful, not to mention economical, kit including an Arduino Uno R3 equivalent microcontroller and a large selection of devices you will want for a number of projects using the Arduino microcontroller. Includes an expansion board, extra breadboards, motors, motor drivers, a relay board, a remote control joystick, keypad, LCD, LED displays, LEDs, jumpers, headers, sensors, switches, pots, battery holder and more. All of this packaged in a well organized, divided plastic case. You can’t go wrong with this. These items purchased separately would be considerably more.

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Allows you to both read and write MiFare-type cards. Includes one credit-card style tag and one key-fob style tag.

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Turn your Arduino into a gamepad. Features the Nokia 5110 LCD / nRF24L01 interface. 7 pushbuttons (four big, two small, joystick select button) and a two-axis thumb joystick. Operates on 3.3-5Vdc.

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SOLAR CELLS

3V 40MA
Output: approximately 3 Volts @ 40 mA. 60mm square x 2.5mm thick epoxy-encapsulated silicon photovoltaic cell. Solid, almost-unbreakable module with solderable foil strips on backside. Ideal for solar-powered battery chargers and other projects.

CAT # SPL-30 $1.15 each
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0.5V 800MA
Ideal for hobby and educational projects. 82 x 46 x 2 mm high. 7” pigtail leads.

CAT # SOL-2N $1.10 each
10 for $1.00 each

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