

Arduino Boards & Accessories

3 LEVELS OF SAVINGS
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Arduino Microcontrollers, Kits, Shields & Accessories

Arduino is an open-source physical computing platform based on a simple microcontroller board. Create interactive objects that can read inputs from a variety of switches, sensors and computers to control lights, motors and other physical outputs. The shields are expansion boards that sit atop an Arduino and broaden the functions, from motor control to prototyping.

NEW
MARKED IN PINK



Microcontroller Boards

*Web Code: ARD

Part No.	Manufacturer	Mfr. Part No.	Description	Dimension (L" x W" x H")	Pricing	
					1	5
2151259	KitPro	BB-Arduino	Build an Arduino compatible circuit, Atmega328P, assembly required, breadboard/PCB not included	—	\$12.95	\$11.95
2115768	Solarbotics	KARDW	Arduweeny microcontroller kit, Arduino compatible, Atmega328, 7+ pieces, assembly/soldering required	1.6 x 0.54	12.95	12.49
2213325	DFRobot	DFR0282	Beetle MCU. Arduino-compatible, ATmega32u4, 16MHz, 10 digital, 5 analog	0.8 x 0.9	11.95	10.95
2157765	DFRobot	DFR0159	DFRduino Pro Mini V1.2 (Arduino Pro Mini compatible) MCU board with 16MHz ATmega328, 14 digital I/O pins, 8 analog inputs, reset button, and holes for mounting pin headers	1.3 x 0.7	17.95	16.95
2151486	Arduino	A000066	Uno Rev. 3, Atmega328 (DIP), 14 digital I/O, 6 analog I/O, USB, ICSP, 32K flash	2.7 x 2.1	26.95	24.95
2163840	Arduino	A000073	Uno SMD Rev. 3, same as Rev.2 but has ATmega16U2 USB Serial converter & 1.0 pinout, USB-B	2.7 x 2.1	26.95	24.95
2207700	Arduino	A000053	Arduino Micro: ATmega32U4 based, 6-20Vin, 20 I/O (7 PWM), 12 analog input, 32k flash, ICSP, µUSB connection	1.9 x 0.7	24.95	23.49
2163778	Arduino	A000057	Leonardo with headers, 20 digital I/Os, 7 PWM channels, 16MHz crystal, 32k flash, 2.5k SRAM, microUSB	2.7 x 2.1	26.95	24.95
2239331	Intel	ATLASEDGE.1	Intel Arduino 101, 32-bit, Bluetooth LE, 6-axis gyro. ARC core, 14 digital I/O (4 PWM)	2.7 x 2.1	34.95	—
2261087	Red Bear Labs	BLEND	Arduino Uno with Bluetooth 4.0 "Blend"ed in. Works with iOS 7+, Android 4.3+, WP 8+	2.7 x 2.1	34.95	32.95
2170222	Arduino	A000062	Due, with 32-bit ARM core MCU, 54 digital I/Os, 12 analog inputs, 4 UARTs, 84MHz clock, 512kB flash	4.3 x 2.1	49.95	46.95
2121148	Arduino	A000005	Nano v3.1, ATmega328, 14 digital I/O (6 PWM), 8 analog input, 0.6" wide breadboard-ready, USB mini-B	0.7 x 1.7	29.95	26.95
2173706	DFRobot	DFR0225	Romeo V2 All-in-One controller, integrated 2-way DC 2A motor driver and Xbee socket, based on ATmega32U4	3.5 x 3.3 x 0.55	39.95	36.95
2152366	Arduino	A000067	Mega2560 Rev. 3, 54 digital I/O (14 PWM), 16 analog input, 256K flash. ATmega16U2 USB-Serial converter	4.3 x 2.1 x 0.6	39.95	37.95
2193441	Arduino	A000008	Yún. Built in Ethernet & WiFi, µSD slot, 20 digital I/O. Atheros AR9331 runs Linux	2.7 x 2.1	79.95	74.95
2213261	DFRobot	DFR0100	Beginner Kit for Arduino: DFRduino Uno R3, proto shield, USB cable, breadboard, sensors, power and passive components, 8 online starter lessons	—	54.95	49.95
2121121	KitPro	KIT-GSA	Get Started w/ Arduino kit, includes book, Arduino Uno, breadboard, LEDs, switches. No solder required	—	74.95	69.95
2199543	KitPro	KIT-AC-OSHG	Absolute Beginners Savings Arduino kit, includes Arduino Uno R3, breadboard, resistors, LEDs, switches, jumper wires and USB cable. Courses at opensourcehardwaregroup.com	2.7 x 2.1	59.95	56.95
2217473	Seeed Studios	KIT11021P	Grove Starter Kit includes shield w/ 16 Grove headers and 15 sensor/actuator modules & project guide	—	39.95	35.95
2212007	Adafruit	170	Experimentation Arduino kit, includes Arduino prototyping bundle, experimenter's guide, cables & many other passives	2.7 x 2.1	99.95	89.95
2171188	Arduino	K000007	Arduino Starter kit includes Uno Rev. 3 & 38 other components w/ book of 15 projects to learn and build	—	99.95	94.95
2229360	Seed Studios	KIT83150P	Grove Android Open Accessory Development Kit – Seeeduno Dash Kit with 6 sensors & mega ADK	6.0 x 6.0	79.95	69.95

Shields for Arduino (Arduino sold separately)

*Web Code: AOS

Part No.	Manufacturer	Mfr. Part No.	Description	Dimension (L" x W" x H")	Pricing	
					1	5
2237554	ValuePro	UNO BASE	Acrylic base plate for Arduino Uno & 400 point breadboard. Base only with 4 rubber feet	4.7 x 3.3 x 0.3	\$2.95	\$2.65
2152438	Arduino	A000082	Arduino Prototyping Shield PCB Rev. 3, compatible with new Arduino R3 pinout. PCB only.	2.7 x 2.1	4.95	4.49
2159277	DFRobot	DFR0019	Prototyping shield with mini breadboard. SOIC-14 pad, ICSP header, GND/5V rails (assembled)	2.7 x 2.1	12.95	11.49
2152446	Arduino	A000083	Arduino Proto Shield Rev. 3, 2 mini pushbuttons, 3 LEDs and a few resistors. Design your own shield!	2.7 x 2.1	10.95	9.95
2152391	Arduino	A000077	Arduino Proto Shield Rev. 3 (assembled). Has reset button, ICSP connector and pass-through headers	2.7 x 2.1	17.95	15.95
2152411	Arduino	A000080	MEGA Rev. 3 Protoshield printed circuit board, PCB only. For full protoshield kit, see P/N 2152420 below	4.0 x 2.1	5.95	5.65
2261319	Dr. Duino	DRDUINO	Arduino hardware debugger and learning shield. Pin breakout and test points for all I/O	4.1 x 3.8	49.95	47.95
2144534	DFRobot	DFR0060	Screw Shield for Arduino. Convert female header pins to more secure screw terminals.	2.7 x 1 (x2)	7.95	7.49
2159314	DFRobot	DFR0131	Proto Screw Shield (assembled). Provides prototyping area & screw terminals for secure I/O connections.	2.65 x 3.17	15.95	14.49
2184202	Adafruit	1141	Data Logging Shield. Built in RTC & µSD slot, 3.3Vreg. Additional libraries required.	2.7 x 2.1	18.95	17.95
2152260	DFRobot	DFR0144	Relay Shield controls up to 4 relays. Max. switching power: DC 90W or AC 360VA. Controllable with Arduino, Xbee or Bluetooth.	3.25 x 2.2	19.95	17.95
2167744	DFRobot	DFR0071	SD Card Breakout Shield for standard SD and microSD cards. Switch-selectable, allows mass storage	1.5 x 1.2	12.95	11.95
2144411	DFRobot	DFR0009	LCD Shield. 16x2, HD44780 compatible. White text, blue backlight, uses LCD4Bit library	2.7 x 2.1	12.95	11.95
2229221	Adafruit	MS-5V-KIT	Arduino Motor Shield Kit, 4H-Bridges, L293D chipset, 2 connections, 5V. Use Adafruit Library.	2.7 x 2.1	17.95	15.95
2193651	Adafruit	1438	Motor/Stepper/Servo Shield v2.0. Supports 4 DC or 2 stepper motors. 4 H-bridges; 1.2A per bridge	2.7 x 2.1 x 0.4	19.95	18.95
2259024	OSEPP	SCSHD-01	Motor and servo shield with two L293D quad H-bridges	2.7 x 2.1	19.95	—
2152403	Arduino	A000079	Arduino MotorShield Rev. 3. Dual full-bridge for inductive loads like relays, solenoids, DC/Stepping motors. 2A per channel, 4A max.	2.7 x 2.1	29.95	26.95
2223902	Pololu	2503	Dual motor driver shield. 2 channel, MC33926, 5V-28V, 3A cont./5A peak per motor, PWM up to 20kHz	1.9 x 2.0	29.95	28.95
2223911	Pololu	2507	High Power dual motor driver shield. 2 channel, VNH5019, 5V-28V, 12A cont./30A peak per motor	2.56 x 2.0	49.95	47.95
2128534	Robot Power	MEGAMOTO	High-power Motor Shield. 5-28V, 13A/30A peak, H-bridge or dual half-bridge	2.7 x 2.1 x 0.5	44.95	42.95
2157829	DFRobot	DR10009	2-Amp Motor Shield. Allows drive of two 7-12VDC motors with 2A maximum current each way	2.3 x 2.2	17.95	16.49
2153781	Parallax	35000	Board of Education Shield. Solderless breadboard prototyping & servo ports. Works with Uno & Mega	4.0 x 3.0	39.95	34.95
2184211	Adafruit	1272	Ultimate GPS Logger Shield w/ GPS module. -165dBm, 66-CH, RTC, µSD slot. Uno-compatible	2.7 x 2.1	46.95	44.95
2167779	DFRobot	TEL0051	GPS/GPRS/GSM Module v2. 4-band, AT-commands, 6-9VDC@0.1A, embedded SMD antenna	2.8 x 2.2	89.95	84.95

Edu & Hobby