

Arduino Boards, Shields & Accessories



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	—	\$10.95	\$9.95
2115768	Solarbotics	KARDW	Ardweeny microcontroller kit, Arduino compatible, Atmega328, 7+ pieces, assembly/soldering required	1.6"L x 0.5"W	12.95	11.95
2213325	DFRobot	DFR0282	Beetle MCU. Arduino-compatible, ATmega32u4, 16MHz, 10 digital, 5 analog	0.8"L x 0.9"W	9.95	8.69
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"L x 0.7"W	13.95	13.59
2240083	Adafruit	2821	Feather Huzzah MCU, ESP8266 WiFi, LiPo charge circuit, 9 GPIO, 4MB flash	3.0 x 0.9 x 0.3	16.95	—
2244421	Adafruit	3046	Feather Huzzah board w/ ESP8266 WiFi & headers installed. 80MHz, 3.3V, 9xGPIO, built-in LiPo charger	2.0 x 0.9 x 0.3	19.95	—
2240091	Adafruit	2680	Internet of Things (IoT) starter kit with Feather ESP8266 WiFi MCU, PIR, magnetic & vibration sensors & more	—	39.95	37.95
2151486	Arduino	A000066	Uno Rev. 3, Atmega328 (DIP), 14 digital I/O, 6 analog I/O, USB, ICSP, 32K flash	2.7"L x 2.1"W	23.49	—
2163840	Arduino	A000073	Uno SMD Rev. 3, same as Rev.2 but has ATmega16U2 USB Serial converter & 1.0 pinout, USB-B	2.7"L x 2.1"W	21.95	21.49
2163778	Arduino	A000057	Leonardo with headers, 20 digital I/Os, 7 PWM channels, 16MHz crystal, 32k flash, 2.5k SRAM, microUSB	2.7"L x 2.1"W	20.49	19.95
2239331	Intel	ATLASEDGE.1	Intel Arduino 101, 32-bit, Bluetooth LE, 6-axis gyro. ARC core, 14 digital I/O (4 PWM)	2.7"L x 2.1"W	28.95	—
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"L x 2.1"W	38.59	37.95
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"L x 1.7"W	20.95	19.95
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	38.49	—
2246178	Arduino	A000138	Arduino Primo Core wearable MCU. nRF52832 for BT 4.0 Smart, NFC, temp, humidity, 3-axis accelerometer	1.26"Dia.	38.95	36.95
2246160	Arduino	A000135	Arduino Primo with nRF52832 for BT 4.0 Smart, NFC, ESP8266 WiFi, 14 digital I/O, 6 analog in, 5V, LiPo batt. charger	2.7"L x 2.1"W	49.95	47.95
2193441	Arduino	A000008	Yún. Built in Ethernet & WiFi, µSD slot, 20 digital I/O. Atheros AR9331 runs Linux	2.7"L x 2.1"W	69.95	66.49
2213261	DFRobot	DFR0100	Beginner Kit for Arduino: DFRduino Uno R3, proto shield, USB cable, breadboard, sensors, power and passive components, 8 online starter lessons	—	49.89	45.59
2121121	KitPro	KIT-GSA	Get Started w/ Arduino kit, includes board, Arduino Uno, breadboard, LEDs, switches. No solder required	—	69.95	66.49
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"L x 2.1"W	59.95	56.95
2217473	Seeed Studios	KIT11021P	Grove Starter Kit includes shield w/ 16 Grove headers and 15 sensor/actuator modules & project guide	—	29.95	28.49
2212007	Adafruit	170	Experimentation Arduino kit, includes Arduino prototyping bundle, experimenter's guide, cables & many other passives	2.7"L x 2.1"W	89.95	88.95
2171188	Arduino	K000007	Arduino Starter kit includes Uno Rev. 3 & 38 other components w/ book of 15 projects to learn and build	—	85.79	84.75

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
2159277	DFRobot	DFR0019	Prototyping shield with mini breadboard. SOIC-14 pad, ICSP header, GND/5V rails (assembled)	2.7"L x 2.1"W	10.95	9.79
2152411	Arduino	A000080	MEGA Rev. 3 Protoshield printed circuit board, PCB only. Make your own mega shield.	4.0"L x 2.1"W	4.95	4.75
2144534	DFRobot	DFR0060	Screw Shield for Arduino. Convert female header pins to more secure screw terminals.	2.7"L x 1"W (x2)	7.49	6.49
2159314	DFRobot	DFR0131	Proto Screw Shield (assembled). Provides prototyping area & screw terminals for secure I/O connections.	2.7"L x 3.2"W	12.79	11.29
2184202	Adafruit	1141	Data Logging Shield. Built in RTC & µSD slot, 3.3Vreg. Additional libraries required.	2.7"L x 2.1"W	13.89	12.49
2152260	DFRobot	DFR0144	Relay Shield controls up to 4 relays. Max. switching power: DC 90W or AC 360VA. Controllable with Arduino, Xbee or Bluetooth.	3.3"L x 2.2"W	14.49	13.95
2167744	DFRobot	DFR0071	SD Card Breakout Shield for standard SD and microSD cards. Switch-selectable, allows mass storage	1.5"L x 1.2"W	9.59	8.49
2144411	DFRobot	DFR0009	LCD Shield. 16x2, HD44780 compatible. White text, blue backlight, uses LCD4Bit library	2.7"L x 2.1"W	10.95	10.49
2229221	Adafruit	MS-5V-KIT	Arduino Motor Shield Kit, 4H-Bridges, L293D chipset, 2 connections, 5V. Use Adafruit Library.	2.7"L x 2.1"W	9.95	8.95
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	19.79	17.99
2259024	OSEPP	SCSHD-01	Motor and servo shield with two L293D quad H-bridges	2.7"L x 2.1"W	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"L x 2.1"W	21.95	20.95
2157829	DFRobot	DRI0009	2-Amp Motor Shield. Allows drive of two 7-12VDC motors with 2A maximum current each way	2.3"L x 2.2"W	15.95	14.29
2245474	Velleman	VMA412	2.8" Touchscreen Shield for Arduino Uno and Mega2560, 320 x 240 RGB, microSD slot for Uno	3.1"L x 2.1"W	19.95	18.95

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