



Arduino Kits, Shields & Accessories (Continued)

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Shields for Arduino (Arduino sold separately)

* Web Code: ARD

Part No.	Manufacturer	Mfr. Part No.	Description	Dimension (L" x W" x H")	Pricing	
					1	5
2134969	Arduino	A000024	Prototyping shield PCB with multilayer design and header slots for soldering custom circuits. PCB only	2.7 x 2.1	\$4.49	\$4.25
2144534	DFRobot	DFR0060	Screw shield for Arduino. Convert header pins to more secure screw terminals	2.7 x 1 (x2)	7.95	7.25
2135048	Arduino	A000039	Arduino MEGA ProtoShield Bare PCB and components, includes bare PCB, headers, resistors, switches and LEDs	4.3 x 2.1	14.49	13.95
2124293	Nootropic Design	MKNTD1	EZ-Expander shield, 13 additional output pins, soldering required	1.2 x 2.1	16.95	15.95
2144411	DFRobot	DFR0009	LCD Shield, 16x2, HD44780 compatible, white text, blue backlight, uses LCD4Bit library	2.7 x 2.1	17.95	16.95
2124314	Adafruit	51	ProtoShield, 0.1" x 0.1" grid, DIP ICs up to 20-pins, upto 14-pin SOIC parts, ICSP header	2.7 x 2.1	18.95	17.95
2127582	Liquidware	DoubleWide	Replicates all of the Arduino pins into 2 locations, so you can add 2 shields while having access to both at the same time. Shields sit side by side.	2.7 x 4.2	19.95	18.95
2121130	Adafruit	81	MotorShield kit, control up to 4 DC motors, servos. 4 H-bridges, motors not included, soldering required	2.7 x 2.1	19.95	18.95
2124242	Arduino	A000056	Ethernet shield, RJ45 connector, customizable Mac® & PC, not-compatible with Arduino Mega	2.7 x 2.1	42.95	39.95
2143945	Excamera Labs	Gameduino	Game adapter for Arduino or anything w/ SPI. Plugs for VGA monitor and speakers. 512x512 pixel in 512 color	2.7 x 2.1	54.95	52.95
2128534	Robot Power	MEGAMOTO	High-power motor controller, 5-28V, 13A/30A peak, H-bridge or dual half-bridge	2.7 x 2.1 x 0.5	59.95	56.95
2136657	Rogue Robotics	AP-RMP-H	MP3 playback module w/ stackable headers. Arduino compatible, supports MMC/SD/SDHC upto 32GB	2.7 x 2.1	64.95	61.95
2134900	Arduino	A000002	BT Bluetooth Module, supports wireless serial communication, 14 digital I/O pins, 6 analog inputs	3.2 x 2.1	139.95	132.95
2127558	Liquidware	Touchshield Slide	320 x 240 resolution resistive OLED touch screen, ATmega2560, can store sixty 128 x 128 images	2.7 x 2.1 x 0.5	179.95	169.95

Accessories, Chassis and Miscellaneous Kits

2137756	Arduino	A000040	Header kit for shields. (2) 1 x 6 pos & (2) 1 x 8 pos, 15mm pin length, 0.1" spacing	—	\$1.75	\$1.59
2144454	DFRobot	DFR0017	Relay module. Arduino Compatible. 150VAC/24VDC max switching voltage, 10A(NO) 5A(NC)	1.4 x 0.9 x 0.7	9.95	8.95
2144462	DFRobot	SEN0019	Adjustable infrared sensor switch. 3cm to 80cm. 5V@100mA. 3-wire connector	1.8"L x 0.7"Dia.	10.95	9.95
2134993	Arduino	A000032	830-contact breadboard with 70-piece jumper wire kit for easy prototyping	6.5 x 2.5	13.95	12.95
2134926	Arduino	A000009	Project Enclosure, ABS plastic, fits: Uno-Duemilanove-Diecimila-NG or MEGA, ethernet shield and battery	3.4 x 2.5 x 1.1	13.95	13.25
2117341	Solarbotics	50512	Basic breakout board, 3.3/5V, FTDI mini USB-B to serial 6-pin, works w/ Arduino & clone 5V Arduino boards can use as a USB port, FT232RL chip	1.4 x 0.65 x 0.25	19.95	18.95
2144665	PowerSwitch Tail	80135	Power cord switch, control outlet with microcontroller, 3-prong, 15A @ 125VAC, 5V control signal	4.0 x 2.1 x 1.5	29.95	26.95
2144489	ValuePro	2601510235340Z	Conductive sewing thread, size 92, 234/34 (4 ply), 50Ω/meter. Perfect for Lilypad (P/N 2144471)	225' reel	29.95	28.49
2144391	Synapse Solutions	NMB-1	Breakout board for Netduino Mini (P/N 2143937), 26-pin header holes, 3.3VDC regulator, USB Mini-B, RS232 & TTL to USB conversion, input for 9V	2.7 x 1.4	34.95	32.95
2124226	Spikenzielabs	MKSKL5	Povard Kit, "Persistence of Vision", 8 bright LEDs, 24 char. msg., Arduino req. to program	8.0 x 1.25	34.95	32.95
2144500	DFRobot	DFR0018	Sensor set for Arduino. Includes big push button, LED light module, ambient light, capacitive touch, LM35 temperature, magnetic, vibration, tilt, and grayscale sensor.	—	39.95	36.95
2127566	Liquidware	HICAP Li Backpack	High capacity 2200mAh Lithium-Ion battery, rechargeable via Arduino USB and USB type-B mini cable. Supplies regulated 5V and 3.3V	2.7 x 2.1 x 0.5	49.95	44.95
2124277	DFRobot	ROB0005	Aluminum Mobile Platform, 2WD Arduino compatible, 2 x 3-6VDC motors, 27.6"/sec	6.7"Dia.	57.95	55.95
2124285	DFRobot	ROB0003	Aluminum Mobile Platform, 4WD Arduino compatible, 4 x 3-12VDC motors, 35"/sec	7.9 x 6.7 x 4.1	69.95	64.95
2144420	DFRobot	ROB0025	4WD mobile platform with encoder set. Aluminum alloy body. 4.5 - 6V operation. 26.7"/sec	9.0 x 7.3 x 4.3	79.95	74.95

DIY Workshop Kits

Circuit Skills Web Supported Kits & Projects



Circuit Skills #2 - Enclosures

You may be a whiz putting electronic kits together, but how about protection? A good kit, especially one used on a regular basis, deserves a good enclosure to protect it from the elements, and we have many for you to choose from, see pg 156. The Jameco Workshop page has a video to give you plenty of pointers on using your first enclosure case. www.Jameco.com/enclosure



Part No.	Description	Price
2117202	Waveform generator and enclosure kit	\$64.95

Circuit Skills #4 - SMD Experimenter

Soldering through-hole components may be fun, but most new chips are only available in SMT packages. They require less power, less real estate, but a good set of eyes, and seeing someone do it first might help too. Build a light-controlled oscillator with this kit of 1206 SMT components. www.Jameco.com/SMD



Part No.	Description	Price
2124197	SMT light controlled oscillator kit	\$29.95

Circuit Skills #3 - Perfboard Prototyping

This kit includes all of the components to create a PWM effect for your guitar. Learn about the different kinds of perfboards available so you can transfer your breadboard project to a more permanent solution. This kit uses the "pad-per-hole" perfboard design for maximum flexibility. www.Jameco.com/perf



Part No.	Description	Price
2121092	PWM guitar effect kit	\$24.95

Circuit Skills #5 - LED Color Organ

Want to add some color and synced visuals to your music? Create a 3 Channel Spectrum Analyzer with this cool kit. Watch the video, take some notes, build the kit, and enjoy the fruits of your labor.

The list of materials can be found on the Jameco web page for kit 2126272, but be sure to study the schematic and video before you begin. www.Jameco.com/organ



Part No.	Description	Price
2126272	LED color organ kit	\$39.95

Additional Circuit Skills Lessons at www.Jameco.com. Keyword: Circuit Skills

RoHS compliant product + This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 180.