

DIY Workshop Kits, Club Jameco Projects & Raspberry Pi

3 LEVELS OF SAVINGS
 NAME BRANDS HOUSE BRANDS SPECIAL BUY

JAMECO KitPro DIY Workshop Kits & Club Jameco Projects

★ Web Code: FMB

Forrest M. Mims III Kits

See complete kit descriptions online, additional parts may be required

Part No.	Description	1	5
2155487	Atari Punk Console Kit: Sound synthesizer based on the 555 timer	\$26.95	\$24.95

Circuit Skills Web Supported Kits & Projects

★ Web Code: ERK

Part No.	Description	1	5
2113244	Etch your own printed circuit board. Includes (2) 3"x4" pre-coated boards & etch solution*	\$49.95	\$44.95
2117202	Build a waveform generator and learn the basics for laying out an enclosure. Soldering required.	69.95	62.95
2121092	Build a basic guitar effect pedal while learning the basics for perboard prototyping. Soldering required.	24.95	23.95
2126272	Learn the basic functionality of an LED Color Organ ("sound-to-light") circuit. 3.5mm audio jack input.	34.95	29.95

*Shipped via ground to continental U.S. only

Jameco Builds

★ Web Code: ERK

Part No.	Description	Price
2216606	Simple dual jumbo red LED flasher. Potentiometer adjustable flash rate. 14 components. Mountable. Use 9V battery.	\$5.95
2217174	Simple dual jumbo red LED flasher breadboard project. Like 2216606, but no soldering involved. 9V battery required.	5.95
2244535	Simple dual jumbo orange LED flasher breadboard project. No soldering required. Use 9V battery.	6.95
2244543	Simple dual jumbo yellow LED flasher breadboard project. No soldering required. Use 9V battery.	6.95
2244551	Simple dual jumbo green LED flasher breadboard project. No soldering required. Use 9V battery.	6.95
2244560	Simple dual jumbo blue LED flasher breadboard project. No soldering required. Use 9V battery.	6.95
2260990	Barebones 8x8x8 LED Cube parts kit. 512 LEDs, enclosure, power supply and Arduino Uno not included.	79.95
2155516	Build a compact USB charger w/ 5V output to charge small electronic devices. Soldering required.	14.95
2155541	LED Color Organ Kit: Similar to 2126272 but includes PCB with labels. Mono channel.	34.95
2217078	8-digit LED Clock Kit. Open-source Arduino-compatible design. 12/24 hr, 12 hr AM/PM, date, stop watch modes included.	69.95
2146329	4x4x4 LED Cube Kit: Advanced solder kit requires AVR programming for blue LED display visuals.	79.95
2210651	8x8x8 Blue LED Cube w/ custom PCBs + 50 LEDs. Boards stack like shields on top of the Arduino Uno. Enclosure not included.	149.95
2210669	8x8x8 White LED Cube w/ custom PCBs + 50 LEDs. Boards stack like shields on top of the Arduino Uno. Enclosure not included.	149.95
2192309	Construct a simple DC motor. Classroom pack for 20 students. (For single kit, use P/N 2192296)	99.95

Club Jameco Projects

★ Web Code: CJK

Part No.	Description	Price
2160817	Super Simple Low Power AM Radio Kit: Learn basic RF concepts with this breadboard project.	\$14.95
2243840	555 Timer Super combo of parts to compliment the online 555 Timer Tutorial (see Web for more details)	17.95
2169580	Easy Laser Alarm Kit: Senses light from a laser on a photocell to sound a buzzer when the beam is broken.	19.95
2169109	Water Level Control: Sense high/low and trigger a relay (Pump not included)	24.95
2244666	Component bundle for the Ultimate Beginner's Guide to the 555 Timer book found on Amazon.	29.95
2168325	Metronome Kit: 7-seg display shows beats/min and allows you to switch between different time signatures.	29.95
2170812	DIY geiger counter uses a PIN photodiode as a substitute for a Geiger-Mueller tube. Detect alpha and beta particles.	32.95
2182661	Tripple Power Supply with Digital Monitor: Turn an unregulated 9V transformer into three selectable, regulated output voltages of 5V, 9V and 12V.	36.95
2160681	Transformer Kit: Learn how to wind a simple step-up or step-down transformer	34.95
2190178	PID Temp. Controller: Designed around the ATmega328P microcontroller utilizing the Arduino Duemilanove bootloader.	39.95
2190080	Vein Finder: Uses bright red LEDs to illuminate your veins!	39.95
2247322	Infinity Mirror v2.0: Arduino controlled or self-control red, green and blue colors	59.95
2215398	Infinity Mirror electronic parts kit with individually addressable NeoPixel LEDs, Arduino & power supply	79.95
2168309	Fun Light Switch Box: Behavior of the lights vary depending on how the switches are set.	69.95
2218847	4x4x4 RGB LED Cube Kit: Arduino Nano drives the charlieplexed LED array. Libraries online.	74.95
2168940	8x8x8 LED Cube: Includes 550 3mm blue LEDs. Driven by included Arduino Uno (Programming required)	149.95
2169539	8x8x8 LED Cube: Includes 550 3mm white LEDs. Driven by included Arduino Uno (Programming required)	149.95

Raspberry Pi and Accessories

★ Web Code: RPI

Part No.	Mfr. Part No.	Description	Price
2237790		Raspberry Pi 3 model B, 1GB RAM @ 900MHz, quad core 1.2GHz, BCM2837, 40 GPIO header, Ethernet and Wifi	\$49.95
2240219	RASP13-BUNDLE	Starter accessory bundle (Pi 3 model B, USB power supply, enclosure, heatsink and USB, HDMI, Ethernet and GPIO cables) & T-shaped break out	79.95
2223785	2258	Enclosure for Pi 3 with smoked black enclosure with clear top. 3.7" x 2.5" x 1.0"	9.95
2213472	FIT0367	Self-adhesive pure copper heatsink. Perfect for Raspberry Pi CPUs or other SMT components like stepper drivers. 0.48" x 0.43" x 0.18". 10 grams	1.19



Jameco's Workshop

Scan on your smartphone with a code reader app.

NEW MARKED IN PINK



2155487



2117202



2113244



2121092



2216606



2217174



2244535



2244551



2260990



2155541



2146329



2192309



2160817



2169580



2169109



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2170812



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