

# FEATURED PRODUCTS

JAMECO ReliaPro

## AC-to-DC Regulated Switching Wall Adapters

Regulated Switching Wall Adapters on pages 91-93

- Input voltage: 100-240VAC @ 50-60Hz
- Approvals: UL
- Case color: black
- Center positive

\*Web Code: CDZ

NEW MARKED IN PINK

Part No.	Manufacturer	Output Rating		Output Connector (ID x OD) Female	Size (L" x W" x D")	CEC Level	Pricing		
		Voltage @ Current	Power (W)				1	10	50
2234601	Arndt	5V @ 1A†	5	2.1mm x 5.5mm	2.6 x 1.3 x 1.5	V	\$5.95	\$5.49	\$4.95
2234505	Arndt	5V @ 3A*	15	2.5mm x 5.5mm RA	2.8 x 1.8 x 1.3	V	7.95	6.95	6.25
2236498	ReliaPro	9V @ 0.5A*	4.5	2.1mm x 5.5mm	2.1 x 1.3 x .94	VI	8.95	7.95	7.49
2234100	ReliaPro	9V @ 1A*	9	2.1mm x 5.5mm	2.5 x 1.1 x 1.7	VI	10.95	9.95	8.95
2236463	Arndt	12V @ 0.5A	6	2.1mm x 5.5mm	2.3 x 1.5 x 1.3	IV	5.95	4.95	4.49
2233983	Arndt	12V @ 1A	12	2.1mm x 5.5mm	2.7 x 1.5 x 1.1	VI	10.95	9.95	8.95
2231662	ReliaPro	12V @ 1A	12	2.5mm x 5.5mm	2.7 x 1.6 x 1.1	VI	10.95	9.95	8.95
2231671	ReliaPro	12V @ 1.5A	18	2.5mm x 5.5mm	2.7 x 1.6 x 1.1	VI	12.95	11.49	10.95
2234054	Arndt	12V @ 2A	24	2.1mm x 5.5mm	2.7 x 1.7 x 1.2	—	9.95	8.95	7.95
2239189	ReliaPro	12V @ 3A	36	2.5mm x 5.5mm	3.9 x 1.7 x 1.2	VI	13.95	12.95	11.95



2234601

\*Slimline †10' cord

## adafruit Electronic Gadgets and Components

Adafruit is at the forefront of new technology and finds marvelous ways to integrate the best aspects of innovative devices into gadgets you can use every day. They also produce many components on break-out boards so you can experiment with unique tech and develop products of your own.

Electronic projects on pages 135-138



Part No.	Mfr. Part No.	Description	Price
2246338	419	3x4 matrix membrane keypad. 0-9 numbers, * and #. 7-pin, 0.1" pitch. Arduino Library available	\$4.95
2246354	1332	1x4 matrix membrane keypad. 1-4 numbers. 5-pin, 0.1" pitch. Adhesive backed.	4.95
2246362	3313	2" Kelvin clip. Ideal for low mV reference voltages. Electrically isolated jaws. 2" x 1" x 0.5"	4.95
2244922	3296	DS1307 Real Time Clock (RTC) breakout board. 5V, headers included, I <sup>2</sup> C 0x68. Use a CR1220 (not included)	7.95
2244869	2471	HUZZAH ESP8266 WiFi breakout board. 9xGPIO, 1x analog in (1.8V), 2xUART, FTDI header, 3.3V operation	9.95
2244421	3046	Feather HUZZAH MCU with ESP8266 WiFi & assembled headers. 9xGPIO, 0.1A LiPo charger 2.0" x 0.9" x 0.3"	19.95
2224232	772	16x2 LCD shield kit, white text on blue, 5 pushbuttons, uses 2 pins I <sup>2</sup> C (0x20 address)	19.95
2246813	495	Solder:Time DIY Wristwatch kit. Acrylic case, 4-digit 7-segment display, DS1337+, hackable	36.95
2237597	2769	Circuit Playground Express Educator's Pack. 2x MCUs & components. Microsoft MakeCode or Javascript	99.95
2246371	1287	10.1" IPS HDMI display for Raspberry Pi. 1280 x 800, 350cd/m <sup>2</sup> , 800:1 contrast. Use 9-12VDC	144.95

## veleman Arduino-Compatible Boards & Sensors

I/O is a new line of low cost, open source Arduino-compatible products. Arduino hardware can interact with its environment using built-in and add-on sensors.

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2245482

Arduino & Sensors on pages 139-141

Part No.	Mfr. Part No.	Description	Price
2245351	VMA100	ATmega328 Uno development board, 5V, 14 dig. I/O	\$14.95
2245360	VMA102	ATmega328 nano development board, 5V, 14 dig. I/O	17.95
2245482	VMA501	DIY project kit w/ ATmega328 Uno dev. board & comps.	42.95
2245407	VMA306	HC-SR05 ultrasonic distance sensor, 15" max. 5-pin	4.95
2245458	VMA315	Dual axis analog joystick module w/ pushbutton (2-pack)	6.95
2245474	VMA412	2.8" 320 x 240 RGB touchscreen shield with µSD slot	19.95

## Weller Li-Ion Battery Powered Soldering Iron

Provides 45 minutes of continuous soldering and charges in about 3 hours. The ergonomic design of the co-molded cordless handle is design to be comfortable for extended use. It includes a stable heat shield base with built-in stand and LED illumination. 12-watt performance, up to 1070°F/580°C

**Includes:** BL60 iron, 0.031" conical tip, charger base, tool stand, plug-in power supply

Soldering Irons on pages 122-123

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2246493

Part No.	Mfr. Part No.	Description	Price
2246493	BL60MP	12W solder iron	\$68.95
2246506	BL10	0.031" conical tip	9.95
2246522	BL12	0.047" conical tip	9.95
2246514	BL11	0.125" chisel tip	9.95

## micro:bit BBC micro:bit

Pocket-sized code-able microcontroller designed to make learning and teaching easy and fun for all sorts of cool creations from robots to musical instruments.

- 32-bit ARM Cortex M0, 16k RAM, 16MHz
- Bluetooth Smart low energy antenna
- 2 programmable buttons, 3 D/A I/O, 25 SMD LED matrix, accelerometer, compass, light and temperature sensor, 20-pin edge connector.



Part No.	Mfr. Part No.	Size	Price
2246434	83-17934	1.97" x 1.57"	\$14.95

## PARALLAX ActivityBot 360° Robot Kit

- Free BlocklyProp online graphical software
- Feedback 360° high speed servos with built-in encoders
- Propeller Activity Board WX allows easy integration
- Includes DIY navigation sensors (touch, visible light, infrared and ultrasonic) and passive components
- Built-in microSD slot & includes 2GB microSD card

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Part No.	Mfr. Part No.	Power	Price
2237861	32600	5x AA bat. (not incl.)	\$199.95

## MADLAB Electronic Solder Kits



Part No.	Description	Price
2246389	Electronic decision maker	\$10.95
2246397	Light activated burglar alarm	13.95
2246400	Micro LED Scrolling Marquee	37.95