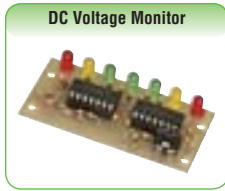




DIY Spider Robot

2190717



DC Voltage Monitor

181833



USB Arm Controller

211960



Mini Robot

2150619



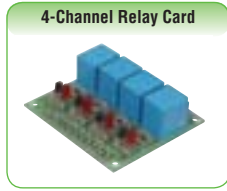
Running Micro Bug

200328



Crawling Micro Bug

200336



4-Channel Relay Card

239476



Line Tracking Robot

386708



Multi-Function Relay Switch

2130600



RFID Proximity Card

2123936



Titan Tank

2128374



Terrain Tracked Robot

2128331



Robotic Arm

2095023



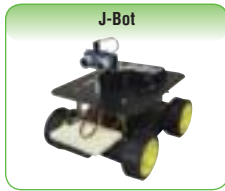
Hydraulic Arm

2236922



8-Ch. Remote Control Set

2212365



J-Bot

2140285



BBC micro:bit Microcontroller

NEW MARKED IN PINK

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.



- Classroom-friendly, beginner oriented
- Web browser-based programming environment
- 25 red SMD LEDs in 5x5 LED matrix
- 32-bit ARM® M0 CPU, 16 MHz, 16K RAM
- Bluetooth LE Smart, 3-axis digital accelerometer
- 2 programmable buttons, 5 ring (3 I/O, PWR,GND), & 20-pin edge connector, micro-USB

Part No.	Mfr. Part No.	Price
2246434	83-17934	\$14.95



AM/FM IC & Transistor Radio Kit

Build the kit and follow the training course divided into 9 lessons: Audio amplifier, AM detector, AM IF, AM amplifier, AM mixer and oscillator, FM detector, 1st FM IF, 2nd FM IF, and FM RF Stages.



- Switchable between modern integrated circuit tech to original transistor technology
- Ideal for classrooms and labs

NEW MARKED IN PINK

Part No.	Mfr. Part No.	1	5
2244893	AMFM108CK	\$37.95	\$35.95



MadLab Electronic Kits

*Web Code: MLP

MadLab offers a range of electronic kits suitable for beginners needing practice at soldering up to advanced for expert constructors. Each kit comes with a professional printed circuit board, components and full assembly instructions. Soldering tools and batteries are required.



2251874

Part No.	Mfr. Part No.	Description	Exp. Level	Price
2251735	MLP107	My Little Alien: LED eyes, 7pcs, 9V battery required	Beginner	\$14.95
2251874	MLP109	Electric Telegraph: practice morse, 9V bat. required	Beginner	19.95
2251840	MLP105	Junior Theremin: touchless musical instrument, 9V required	Intermediate	19.95



Electronic Kits



*Web Code: ERK

Robotic and Computer Control Kits

Part No.	Mfr. P/N	Description	No. of Pieces	Exp. Level	Dimensions (L" x W" x H")	Wt. (lbs.)	Pricing	
							1	5
2190717	ROBO103	DIY Spider Robot using your controller (Romeo recommended)	70	BEG	6.0 x 4.0 x 3.0	0.6	\$5.95	\$5.59
181833	VM-2	DC Voltage Monitor kit with 7 LED display. Monitor 12V, 8V or 5V in 1/4V steps	46	BEG	2.7 x 1.3	0.2	9.95	8.95
239476	K2633	4-Channel Relay Card. Max load 240VAC/3A resistive. Requires 9VDC/0.3A power supply	49	BEG	3.0 x 2.7 x 1.0	0.4	15.95	14.49
211960	535-USB	USB Arm controller for P/N 2095023	1	BEG	5.5 x 1.8 x 7.5	0.3	39.95	35.95
2236922	OWI-632	Hydraulic Arm. 6-axes of movement powered by water pressure. No batteries required! Ages 10+	229	BEG	15.6 x 11.4 x 4.1	8.0	39.95	37.95
2150619	RS014-USB	2-in-1 Mini Robots include IR compound eye, 4 mini servos and universal remote. Tools included	22	BEG	3.0 x 3.0 x 5.0	1.0	59.95	54.95
200328	MK127	Light-Following Running Micro Bug kit	26	INT	4.0 x 2.4	0.2	9.95	9.25
200336	MK129	Light-Seeking Crawling Micro Bug kit	29	INT	4.0 x 2.4	0.2	13.95	12.49
386708	21-880	Line Tracking Robot Mouse (solder required)	130	INT	3.0 x 3.0 x 3.0	0.9	22.95	20.95
2130600	K8015	Multi-function Relay Switch with 14 different functions and pushbutton control	37	INT	3.4 x 1.5 x 1.0	0.5	24.95	22.49
2123936	MK-179	RFID Proximity Card Reader kit, include 2 tags EM4100 compatible	52	INT	2.6 x 2.4 x 0.8	0.5	24.95	23.95
2128374	21-531N	Titan Tank kit, IR remote control, 4-ch selection for battle, 4xAAA & 4xAAA batteries required	121	INT	6.5 x 6.5 x 3.6	1.5	36.95	33.49
2128331	OWI-536	3-In-1 All Terrain Tracked Robot; transform to a forklift, rover or gripper; wired remote control	120+	INT	—	2.2	39.95	38.95
2095023	OWI-535	Robotic Arm. 5 DoF, base rotates 270°. Lifts 100g, 12.6" reach	87	INT	6.3 x 15.0 x 9.0	2.5	44.95	42.95
2150580	RS002	Mr. General mobile robot platform features compound IR eye, 2 servos for pan/tilt and 2 cont. rotation servos. MCU & batteries not included	206	INT	7.5 x 4.8 x 4.0	1.5	59.95	54.95
2212365	VM118	8-Channel RF Remote Control Set. 433 MHz, 165' open range. Relay: 230VAC/5A max. (assembled)	2	INT	5.9 x 2.3 x 0.9	1.1	124.95	119.95
2140285	J-BOT	Build your very own customizable robot with ultrasonic sensors, 4WD platform, breadboard, MotorShield kit and much more	22	INT	9.5 x 7.0 x 8.0	3.6	149.95	134.95

See page 128 for Reinforced Jumper Wires.

*For additional products, availability and specifications visit [Jameco.com](http://www.Jameco.com) and enter the Web Code in the product search box

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

Order by Phone at 1-800-831-4242 or Online at www.Jameco.com