



## Electronic Kits (Continued)



### Alternative Energy – No Batteries Required

\* Web Code: NRG

Part No.	Mfr. P/N	Description	No. of Pieces	Exp. Level	Dimensions (L" x W" x H")	Wt. (lbs.)	Pricing	
							1	5
2112014	OWI-MSK671	Super Solar Racing Car for ages 10 and up. Assembly is a snap. 1.1VDC panel & motor	11	BEG	2.1 x 1.0 x 0.6	0.2	\$9.95	\$9.49
2112006	MSK670	Frightened Grasshopper kit. Solar powered	7	BEG	1.75 x 1.0 x 0.6	0.1	11.95	10.95
2128340	OWI-750	Salt Water Fuel Cell Car. Magnesium metal sheet (3 incl.), provides 5-7 hrs continuous play	20	BEG	3.0 x 1.6 x 0.7	0.5	16.95	14.95
2218716	OWI-MSK617	T4 Transforming Solar Robot. Build 4 bots	67	BEG	5.4 x 3.1 x 2.0	0.6	19.95	17.95
2097521	MSK610	6-in-1 Educational Solar kit. Create a solar car, airboat, windmill & more. No tools required	33	BEG	4.75 x 2.4 x 3.4	0.5	19.95	17.95
2112170	FCJJ-16	Solar Hydrogen Education; invent clean energy applications using fuel cells and renewable hydrogen	14	BEG	6.5 x 5.0 x 0.3 (panel)	1.4	85.99	79.95



2112014



2112006



2218716

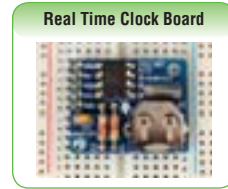


2112170

### Time and Clock Kits

\* Web Code: TCK

Part No.	Mfr. P/N	Description	No. of Pieces	Exp. Level	Dimensions (L" x W" x H")	Wt. (lbs.)	Pricing	
							1	5
2170839	264	Real Time Clock Breakout – includes PCB, battery, header, crystal, caps, resistors & DS1307	8	BEG	0.95 x 1.2 x 0.2	0.02	\$9.95	\$9.49
2157079	MTRTC001	ChronoDot Real Time Clock module (DS3231SN)	4	BEG	1.2" Dia.	0.4	18.95	16.95
2187323	MK188	1 second to 60 hour pulse-pause timer. Relay: 16A max. Use 12-24VDC via terminals	30	BEG	3.2 x 1.8 x 0.9	0.2	26.95	24.95
2130520	VM141	Start-Stop Timer kit with a wide timing range, easy time setting, LED animation during operation and on-board start-stop buttons	40	BEG	2.8 x 1.8 x 0.8	0.2	34.95	31.95
2207831	ANGCLKV1	Angular Clock uses analog panel meters to display time. Clear acrylic enclosure	48	BEG	7.0 x 2.5 x 2.5	0.8	59.95	54.95
2136569	950+966	Desk/mantle LED shadow clock with 12 red, 30 green and 30 blue LEDs to mark hours, minutes and seconds	147	INT	8.8 x 2.3 x 4.5	1.1	84.95	79.95



2170839



2157079



2187323



2130520

### Miscellaneous

\* Web Code: ERK

Part No.	Mfr. P/N	Description	No. of Pieces	Exp. Level	Dimensions (L" x W" x H")	Wt. (lbs.)	Pricing	
							1	5
2161617	SP-1A	Learn to Solder Flashing Siren kit. Same as P/N 2124218 (below), w/o 25W iron and wire cutters	23	BEG	4.9 x 2.5	0.3	\$10.95	\$9.95
2124218	MKEL4	The Learn to Solder Flashing Siren kit teaches you the basics of soldering & includes 25W iron, wire cutters and solder. 9V battery not included	25	BEG	4.9 x 2.5	0.8	18.95	17.95
2214483	SM200K	Learn and practice soldering SMT with the Surface Mount Technology kit	38	BEG	4.5 x 3.0	0.3	21.95	19.95
2124200	FO-30K	This kit teaches the fundamentals of fiber optics. You can transmit your voice or a 1kHz signal through the 3 ft. fiber optic cable	56	BEG	Rx: 1.3 x 4 x 1 Tx: 1.3 x 4 x 1	0.4	24.95	22.49
2143865	ROV5-1	Rover 5 Tracked Chassis. Height adjustable by 1.5" and has max speed of 10 in/sec. 87:1 gears.	5	BEG	9.5 x 9 x 3	2.2	49.95	44.95
2169504	CJKIT-20906	Electronics for "Prank Box" project (see Web)	11	INT	—	1.9	29.95	26.95



2207831



2136569



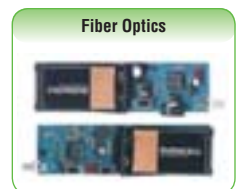
2161617



2124218



2214483



2124200



2143865



2169504

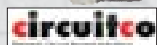
## BEAGLEBONE BLACK REV. C

A high performance, next-gen open-source computer using an ARM processor from TI. Experiment with Linux, Android and Ubuntu and jump-start development within five minutes.

- AM3358BZCZ100, 1 GHz processor
- 512MB DDR3L DRAM, 800 MHz
- 4GB eMMC Flash and microSD slot
- microHDMI, USB2.0, Ethernet ports
- 69 GPIO, 7 AIN, SPI, I2C, 4x timers, 4x serial

**Includes:** USB cable & pre-loaded Linux OS

Part No.	Mfr. Part No.	Price
2207970	BB-BLK-000-C	\$69.95



## 2 & 4-LEGGED ALLBOT ROBOT

The ALLBOT is a modular robot system with Arduino-compatible robot shields. Build and enhance the robot, learn how to program, use the app and have fun! Each kit includes a servo shield, battery shield, plastic parts and screwdriver. Arduino Uno/Mega not included.

- Experience level: Intermediate

Part No.	Mfr. Part No.	Description	Price
2237010	VR204	2 legs with 4 servos	\$99.95
2237028	VR408	4 legs with 8 servos	149.95



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

