








































































































## Arduino









































	<b>Arduino and Breadboard Holder</b> DEV-11235 \$3.95		<b>FTDI Basic Breakout - 5V</b> DEV-09716 \$14.95
	<b>Arduino Stackable Header Kit - R3</b> PRT-11417 \$1.50		<b>FTDI Cable 5V</b> DEV-09718 \$17.95
	<b>ATmega328 with Arduino Optiboot (Uno)</b> DEV-10524 \$5.50		<b>FTDI Cable 5V VCC-3.3V I/O</b> DEV-09717 \$17.95
	<b>Bluetooth and LiPo Add-On for Makey Makey</b> WRL-11378 \$45.00		<b>Mega Pro Mini Cable - 8" (8-wire)</b> PRT-10853 \$0.95
	<b>Color LCD Shield</b> LCD-09363 \$29.95		<b>OpenLog</b> DEV-09530 \$24.95
	<b>Danger Shield</b> DEV-11649 \$29.95		<b>Qtechknow ArduSensor Learning Kit</b> KIT-11470 \$54.95
	<b>FT231X Breakout</b> BOB-11736 \$14.95		<b>Sensor Kit</b> DEV-11800 \$199.95
	<b>FTDI Basic 3.3V - USB to Serial Retail</b> RTL-09893 \$15.95		<b>SparkFun Inventor's Kit - V3</b> KIT-11576 \$99.95
	<b>FTDI Basic Breakout - 3.3V</b> DEV-09873 \$14.95		<b>Tiny AVR Programmer</b> PGM-11460 \$19.95

## Arduino | Boards













	<b>Arduino Due</b> DEV-11589 \$49.95		<b>arLCD - 3.5" Touchscreen</b> DEV-11925 \$89.95
	<b>Arduino Ethernet w/o PoE</b> DEV-11229 \$59.95		<b>Fio v3 - ATmega32U4</b> DEV-11520 \$34.95
	<b>Arduino Ethernet with PoE</b> DEV-11361 \$79.95		<b>KTA-223 USB/RS485 Relay IO Board</b> DEV-09526 \$144.95
	<b>Arduino Fio</b> DEV-10116 \$24.95		<b>Makey Makey - Deluxe Kit</b> WIG-11519 \$59.95
	<b>Arduino Leonardo with Headers</b> DEV-11286 \$24.95		<b>Makey Makey - Standard Kit</b> WIG-11511 \$49.95
	<b>Arduino Main Board Retail</b> RTL-11023 \$30.95		<b>Mega Pro 3.3V</b> DEV-10744 \$44.95
	<b>Arduino Mega 2560 R3</b> DEV-11061 \$58.95		<b>Mega Pro 5V</b> DEV-11007 \$44.95
	<b>Arduino Mini 05</b> DEV-11303 \$33.95		<b>Mega Pro Mini - 3.3V</b> DEV-10743 \$49.95
	<b>Arduino Pro 328 - 3.3V/8MHz</b> DEV-10914 \$14.95		<b>Pro Micro - 3.3V/8MHz</b> DEV-10999 \$19.95
	<b>Arduino Pro 328 - 5V/16MHz</b> DEV-10915 \$14.95		<b>Pro Micro - 5V/16MHz</b> DEV-11098 \$19.95
	<b>Arduino Pro Mini 3.3V Retail</b> RTL-11112 \$10.95		<b>ProtoSnap - Pro Mini</b> DEV-10889 \$29.95
	<b>Arduino Pro Mini 328 - 3.3V/8MHz</b> DEV-11114 \$9.95		<b>ProtoSnap - Pro Mini Retail</b> RTL-11053 \$30.95
	<b>Arduino Pro Mini 328 - 5V/16MHz</b> DEV-11113 \$9.95		<b>RedBoard - Breadboard Kit</b> DEV-11038 \$24.95
	<b>Arduino Uno - R3</b> DEV-11021 \$29.95		<b>RedBoard - BreadBoard Kit Retail</b> RTL-11039 \$25.95
	<b>Arduino Uno- R3 SMD</b> DEV-11224 \$29.95		<b>RedBoard - Programmed with Arduino</b> DEV-11575 \$24.95
	<b>Arduino+LabVIEW Bundle</b> DEV-11225 \$49.95		<b>SerIO</b> DEV-09521 \$39.95
	<b>ArduPilot - Arduino Compatible UAV Controller w/ ATmega328</b> GPS-08785 \$24.95		<b>Teensy 3.0</b> DEV-11780 \$19.95




















	<b>ArduPilot Mega - Arduino Mega compatible UAV Controller</b> GPS-10294 \$59.95		<b>Teensy++ 2.0</b> DEV-11781 \$24.95
<b>Arduino   Other</b>			
	<b>Arduino and Breadboard Holder</b> DEV-11235 \$3.95		<b>FTDI Basic Breakout - 5V</b> DEV-09716 \$14.95
	<b>Arduino Stackable Header Kit - R3</b> PRT-11417 \$1.50		<b>FTDI Cable 5V</b> DEV-09718 \$17.95
	<b>ATmega328 with Arduino Optiboot (Uno)</b> DEV-10524 \$5.50		<b>FTDI Cable 5V VCC-3.3V I/O</b> DEV-09717 \$17.95
	<b>Bluetooth and LiPo Add-On for Makey Makey</b> WRL-11378 \$45.00		<b>LED Matrix Kit</b> DEV-11861 \$9.95
	<b>Enclosure for pcDuino/Arduino - Clear</b> PRT-11797 \$7.95		<b>Mega Pro Mini Cable - 8" (8-wire)</b> PRT-10853 \$0.95
	<b>Enclosure for pcDuino/Arduino - Extension Plate (Clear)</b> PRT-11798 \$4.95		<b>OpenLog</b> DEV-09530 \$24.95
	<b>FTDI Basic 3.3V - USB to Serial Retail</b> RTL-09893 \$15.95		<b>SparkFun Inventor's Kit Parts Refill Pack</b> LAB-11479 \$24.95
	<b>FTDI Basic Breakout - 3.3V</b> DEV-09873 \$14.95		
<b>Arduino   Shields</b>			
	<b>4x4 Driver Shield</b> DEV-11352 \$54.95		<b>Monster Moto Shield</b> DEV-10182 \$79.95
	<b>Arduino Display Adapter</b> LCD-12087 \$9.95		<b>MP3 Player Shield</b> DEV-10628 \$39.95
	<b>Arduino Display Module - 3.2" Touchscreen LCD</b> LCD-11741 \$84.95		<b>MP3 Player Shield - Retail</b> RTL-10779 \$41.95
	<b>Arduino Display Module - 4.3" Touchscreen LCD</b> LCD-11740 \$144.95		<b>Music Instrument Shield</b> DEV-10587 \$29.95
	<b>Arduino Ethernet Shield</b> DEV-09026 \$45.95		<b>Musical Instrument Shield Retail</b> RTL-10780 \$30.95
	<b>Arduino Ethernet Shield with PoE Module</b> DEV-11230 \$59.95		<b>Mux Shield II</b> DEV-11723 \$24.95
	<b>Arduino ProtoShield - Bare PCB</b> DEV-11665 \$4.95		<b>OpenSegment Shield - Blue (20mm)</b> DEV-11846 \$19.95
	<b>Arduino ProtoShield Kit</b> DEV-07914 \$9.95		<b>OpenSegment Shield - Green (20mm)</b> DEV-11847 \$19.95
	<b>Arduino ProtoShield Kit Retail</b> RTL-09900 \$17.95		<b>OpenSegment Shield - Red (20mm)</b> DEV-11849 \$19.95
	<b>Arduino Wi-Fi Shield</b> DEV-11287 \$84.95		<b>OpenSegment Shield - White (20mm)</b> DEV-11845 \$19.95
	<b>Ardumoto - Motor Driver Shield</b> DEV-09815 \$24.95		<b>OpenSegment Shield - Yellow (20mm)</b> DEV-11848 \$19.95
	<b>Ardumoto - Motor Driver Shield Retail</b> RTL-09896 \$29.95		<b>PoEthernet Shield</b> DEV-10864 \$39.95
	<b>AVR ISP Shield - PTH Kit</b> DEV-11168 \$19.95		<b>Power Driver Shield Kit</b> DEV-10618 \$19.95
	<b>CAN-BUS Shield</b> DEV-10039 \$44.95		<b>ProtoScrewShield</b> DEV-09729 \$14.95
	<b>Cellular Shield with SM5100B</b> CEL-09607 \$99.95		<b>ProtoScrewShield Kit - Retail</b> RTL-10431 \$14.95
	<b>CMUcam v4</b> DEV-10032 \$99.95		<b>ProtoShield for Arduino Pro Mini</b> DEV-09709 \$2.95
	<b>Codec Shield</b> DEV-11290 \$39.95		<b>PWM Shield</b> DEV-10615 \$19.95



































	<b>Color LCD Shield</b> LCD-09363 \$29.95		<b>RFID Evaluation Shield - 13.56MHz</b> DEV-10406 \$19.95
	<b>Color LCD Shield Retail</b> RTL-10781 \$32.95		<b>RFM22 Shield - 434MHz</b> DEV-11018 \$29.95
	<b>EasyVR Shield - Voice Recognition Shield</b> COM-10963 \$49.95		<b>RFM22 Wireless Shield Retail</b> RTL-11390 \$31.95
	<b>EL Escudo Dos</b> COM-10878 \$19.95		<b>RS232 Shield</b> DEV-11958 \$11.95
	<b>Electric Imp Shield</b> DEV-11401 \$19.95		<b>RS485 Shield</b> DEV-11959 \$11.95
	<b>Gameduino</b> DEV-10593 \$52.95		<b>SparkFun Ethernet Shield - Retail</b> RTL-11388 \$41.95
	<b>Go-Between Shield</b> DEV-11002 \$13.95		<b>Spectrum Shield</b> DEV-10306 \$24.95
	<b>GPS Shield</b> GPS-10710 \$14.95		<b>TellyMate</b> DEV-09313 \$27.95
	<b>GPS Shield Retail Kit</b> RTL-10709 \$59.95		<b>Touch Sense Shield Retail</b> RTL-10774 \$15.95
	<b>Joystick Shield - Bare PCB</b> DEV-09824 \$4.95		<b>Touch Shield</b> DEV-10508 \$14.95
	<b>Joystick Shield Kit</b> DEV-09760 \$12.95		<b>TransmogriShield</b> DEV-11469 \$14.95
	<b>Joystick Shield Kit Retail</b> RTL-09895 \$17.95		<b>UNO Compatible Pogobed Kit for Shield Development</b> DEV-11188 \$49.95
	<b>LCD Button Shield</b> DEV-11851 \$14.95		<b>USB Host Shield</b> DEV-09947 \$24.95
	<b>LiPower Shield</b> DEV-10711 \$29.95		<b>VoiceBox Shield</b> DEV-10661 \$39.95
	<b>MegaShield Kit for Arduino</b> DEV-09346 \$17.95		<b>VoiceBox Shield Retail</b> RTL-10782 \$41.95
	<b>microSD Shield</b> DEV-09802 \$14.95		<b>WiFly Shield</b> WRL-09954 \$69.95
	<b>microSD Shield Retail</b> RTL-09899 \$16.95		<b>WiFly Shield Retail</b> RTL-11389 \$71.95
	<b>MIDI Shield</b> DEV-09595 \$19.95		<b>Wixel Shield for Arduino</b> WRL-10824 \$12.95
	<b>Mini FET Shield</b> DEV-09627 \$19.95		<b>XBee Shield</b> WRL-10854 \$24.95
	<b>Modkit MotoProto Shield</b> DEV-10018 \$29.95		<b>XBee Wireless Kit Retail</b> RTL-11445 \$94.95





## Books

















	<b>Arduino Cookbook - Second Edition</b> BOK-11170 \$37.95		<b>Making Things Move</b> BOK-10394 \$29.95
	<b>Arduino Workshop</b> BOK-11932 \$21.95		<b>Making Things See</b> BOK-10977 \$32.95
	<b>Building Wireless Sensor Networks</b> BOK-10324 \$28.95		<b>Making Things Talk - 2nd edition</b> BOK-11086 \$24.95
	<b>Electrical Engineering 101 - (3rd Edition)</b> BOK-09458 \$39.95		<b>Manga Guide to Electricity</b> BOK-11001 \$18.95
	<b>Electronic Formulas, Symbols &amp; Circuits</b> BOK-11134 \$12.95		<b>Open SoftWear</b> BOK-10576 \$29.95
	<b>Electronic Sensor Circuits &amp; Projects</b> BOK-11133 \$12.95		<b>Practical Arduino</b> BOK-09613 \$39.95

	<b>Encyclopedia of Electronic Components: Volume 1</b> BOK-11774    \$20.95		<b>Programming Interactivity - 2nd Edition</b> BOK-11123    \$41.95
	<b>Getting Started in Electronics</b> BOK-10764    \$19.95		<b>Python for Kids: A Playful Introduction to Programming</b> BOK-11729    \$34.95
	<b>Getting Started with Arduino - 2nd Edition</b> BOK-11471    \$10.95		<b>Robot Builder's Bonanza</b> BOK-10895    \$22.95
	<b>Getting Started with Netduino</b> BOK-11221    \$16.95		<b>Robotics: Discover the Science and Technology of the Future</b> BOK-11499    \$13.95
	<b>Getting Started with Processing</b> BOK-10078    \$19.95		<b>Science and Communication Circuits &amp; Projects</b> BOK-11132    \$12.95
	<b>Getting Started with Raspberry Pi</b> BOK-11764    \$12.95		<b>Sew Electric</b> BOK-12019    \$34.95
	<b>Invent To Learn: Making, Tinkering, and Engineering in the Class</b> BOK-12006    \$29.95		<b>SparkFun Inventor's Kit Guidebook - V3</b> BOK-11976    \$2.95
	<b>Make: Arduino Bots and Gadgets</b> BOK-10626    \$29.95		<b>Super Scratch Programming Adventure!</b> BOK-11730    \$24.95
	<b>Make: Electronics</b> BOK-09600    \$34.95		<b>Timer, OpAmp &amp; Optoelectronic Circuits &amp; Projects</b> BOK-11131    \$12.95
	<b>Making Android Accessories with IOIO</b> BOK-11135    \$7.95		

## Breakout Boards

	<b>5-Way Tactile Switch Breakout</b> BOB-11187    \$5.95		<b>GS407 Breakout Board</b> BOB-10496    \$2.95
	<b>Adapter board for Microchip ICD and ICD2</b> BOB-00193    \$4.95		<b>LED RingCoder Breakout - RGB</b> BOB-11040    \$6.95
	<b>Adapter board for SFE ICSP Connections</b> BOB-00194    \$3.95		<b>LED Tactile Button Breakout</b> BOB-10467    \$1.50
	<b>Altitude/Pressure Sensor - MPL3115A2 Breakout</b> SEN-11084    \$14.95		<b>Logic Level Converter</b> BOB-11978    \$1.95
	<b>Analog/Digital MUX Breakout</b> BOB-09056    \$4.95		<b>Logic Level Converter (Sale)</b> BOB-08745    \$1.50
	<b>ATSHA204 Authentication Chip Breakout</b> BOB-11551    \$2.95		<b>Logic Level Converter Bi-Directional</b> BOB-12009    \$2.95
	<b>AVR Programming Adapter</b> BOB-08508    \$0.95		<b>LS20126 GPS Receiver Breakout</b> BOB-10141    \$1.95
	<b>Bar Graph Breakout Kit</b> DEV-10936    \$19.95		<b>MAX3232 Breakout</b> BOB-11189    \$5.95
	<b>Barometric Pressure Sensor - MPL115A1 Breakout</b> SEN-09721    \$12.95		<b>Mic Preamp</b> PRT-08872    \$2.95
	<b>Breakout Board for AD5330 Parallel 8-Bit DAC</b> BOB-09719    \$9.95		<b>MIDI Breakout</b> BOB-09598    \$14.95
	<b>Breakout Board for ADMP401 MEMS Microphone</b> BOB-09868    \$9.95		<b>MiniMoto - DRV8830 Breakout</b> BOB-11890    \$9.95
	<b>Breakout Board for CP2102 USB to Serial</b> BOB-00198    \$21.95		<b>Mono Audio Amp Breakout - TPA2005D1</b> BOB-11044    \$7.95
	<b>Breakout Board for CP2103 USB to Serial w/ GPIOs</b> BOB-00199    \$21.95		<b>MPR121 Capacitive Touch Sensor Breakout Board</b> SEN-09695    \$9.95
	<b>Breakout Board for FT232RL USB to Serial</b> BOB-00718    \$14.95		<b>OpAmp Breakout</b> BOB-09816    \$4.95
	<b>Breakout Board for FT245RL USB to FIFO</b> BOB-07841    \$17.95		<b>Opto-isolator Breakout</b> BOB-09118    \$4.95
	<b>Breakout Board for L298N Full-Bridge Motor Driver</b> BOB-09540    \$2.95		<b>PCA9306 Level Translator Breakout</b> BOB-11955    \$6.95








	<b>Breakout Board for LMD1820x H-Bridge</b> BOB-00747 \$1.95		<b>PCM1803A Analog to Digital Stereo Converter Breakout</b> BOB-09365 \$12.95
	<b>Breakout Board for MAX7456 On Screen Display</b> BOB-09168 \$39.95		<b>Real Time Clock Module</b> BOB-00099 \$14.95
	<b>Breakout Board for MCP4725 I2C DAC</b> BOB-08736 \$4.95		<b>RFM22B-S2 RF Transceiver Breakout Board</b> WRL-10154 \$22.95
	<b>Breakout Board for microSD Transflash</b> BOB-00544 \$9.95		<b>Rotary Encoder Breakout - Illuminated (RG/RGB)</b> BOB-11722 \$2.95
	<b>Breakout Board for PCF8575 I2C Expander</b> BOB-08130 \$11.95		<b>Roving Networks RN-52 Audio Bluetooth Breakout</b> WRL-11777 \$49.95
	<b>Breakout Board for Photo Interrupter CNZ1120</b> BOB-00203 \$0.75		<b>RS-485 Breakout</b> BOB-10124 \$9.95
	<b>Breakout Board for RJ45</b> BOB-00716 \$1.95		<b>ScreenKey Breakout Board</b> BOB-08848 \$0.95
	<b>Breakout Board for SC16IS750 I2C/SPI-to-UART IC</b> BOB-09981 \$14.95		<b>Serial Multiplexer Breakout - TS3A5017</b> BOB-08970 \$4.95
	<b>Breakout Board for SD-MMC Cards</b> BOB-11403 \$9.95		<b>Shift Register Breakout - 74HC595</b> BOB-10680 \$2.95
	<b>Breakout Board for Serial DB9</b> BOB-08552 \$0.95		<b>Si4707 Weather Band Receiver Breakout</b> WRL-11129 \$29.95
	<b>Breakout Board for SIM Cards</b> BOB-00573 \$14.95		<b>SN74HC165 Shift-In Breakout</b> BOB-11512 \$3.95
	<b>Breakout Board for Thumb Joystick</b> BOB-09110 \$1.95		<b>SOIC to DIP Adapter 20-Pin</b> BOB-00495 \$3.95
	<b>Breakout Board for USB microB</b> BOB-09614 \$1.95		<b>SOIC to DIP Adapter 28-Pin</b> BOB-00496 \$3.95
	<b>Breakout Board for USB Mini-B</b> BOB-09966 \$1.95		<b>SOIC to DIP Adapter 8-Pin</b> BOB-00494 \$2.95
	<b>Breakout Board for VS1011E-L MP3</b> BOB-08819 \$19.95		<b>SOT23 to DIP Adapter</b> BOB-00717 \$0.95
	<b>Breakout Board for VS1033D MP3</b> BOB-10608 \$19.95		<b>SSOP to DIP Adapter 16-Pin</b> BOB-00498 \$2.95
	<b>Breakout Board for VS1053 MP3 and MIDI</b> BOB-09943 \$24.95		<b>SSOP to DIP Adapter 20-Pin</b> BOB-00499 \$3.95
	<b>Breakout Board for VS1063 MP3</b> BOB-11684 \$24.95		<b>SSOP to DIP Adapter 28-Pin</b> BOB-00500 \$3.95
	<b>Breakout Board for XBee Module</b> BOB-08276 \$2.95		<b>SSOP to DIP Adapter 28-Pin</b> BOB-00500 \$3.95
	<b>Coin Cell Battery Holder Breakout - 24.5mm (PTH)</b> BOB-10495 \$2.95		<b>SSOP to DIP Adapter 8-Pin</b> BOB-00497 \$2.95
	<b>Crossover Breakout for FTDI</b> BOB-10660 \$1.50		<b>SX1509 16 Output I/O Expander Breakout</b> BOB-11502 \$9.95
	<b>DeadOn RTC - DS3234 Breakout</b> BOB-10160 \$19.95		<b>Tilt-a-Whirl Breakout - RPI-1031</b> SEN-12011 \$5.95
	<b>DigiXTend Modem Breakout</b> BOB-09596 \$1.95		<b>Tilt-a-Whirl Breakout - RPI-1031 (Sale)</b> SEN-10621 \$4.95
	<b>DS1077 Programmable Oscillator Breakout - 16.2kHz to 133MHz</b> BOB-09116 \$4.95		<b>TLC5940 Breakout</b> BOB-10616 \$12.95
	<b>E-Paper Breakout Board</b> BOB-10304 \$14.95		<b>USB Female Type B Vertical Breakout Board</b> PRT-09109 \$0.95
	<b>EasyPoint - N35P112 Joystick Breakout</b> BOB-10835 \$19.95		<b>USB MicroB Plug Breakout Board</b> BOB-10031 \$3.95
	<b>Electric Imp Breakout</b> BOB-11400 \$12.95		<b>USB Relay Controller with 6-Channel I/O</b> DEV-09669 \$59.95

	<b>Energy Harvester - LTC3588 Breakout</b> BOB-09946 \$29.95		<b>USB to RS-485 Converter</b> BOB-09822 \$19.95
	<b>Ethernet Interface Board - ENC28J60</b> BOB-00765 \$34.95		<b>USB-to-Serial Bridge - ÅµUSB-PA5</b> DEV-11814 \$24.95
	<b>Evaluation Board for Si4703 FM Tuner</b> WRL-10663 \$19.95		<b>VCNL4000 Infrared Proximity Breakout</b> BOB-10901 \$9.95
	<b>FT231X Breakout</b> BOB-11736 \$14.95		<b>Voice Recorder Breakout - ISD1932</b> BOB-10653 \$14.95
	<b>GP-2106 Breakout Board</b> GPS-11073 \$4.95		<b>Voltage-Level Translator - TXB0104 Breakout</b> BOB-11771 \$3.95
	<b>GPIB-ETHERNET Controller</b> BOB-08841 \$199.95		<b>WiiChuck Adapter</b> DEV-09281 \$1.95
	<b>GPIB-USB Controller</b> BOB-00549 \$149.95		<b>WS2801 Breakout</b> BOB-10504 \$4.95
	<b>GPS Breakout</b> BOB-11818 \$3.95		<b>WS2812 RGB LED Breakout</b> BOB-11820 \$2.95






## Cables

	<b>Power Cable - 7A IEC C13</b> TOL-11299 \$1.50
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## Cables | Audio

	<b>Audio Cable 2.5mm 8"</b> CAB-10159 \$1.95		<b>Audio Cable TRRS - 18" (pigtail)</b> CAB-11580 \$1.95
	<b>Audio Cable 3.5mm 6ft</b> CAB-08566 \$1.95		<b>Audio Splitter 3.5mm - 6in</b> CAB-08920 \$1.95
	<b>Audio Cable 3.5mm Extension - 6 ft</b> CAB-08921 \$2.95		<b>MIDI Cable - 6 Foot</b> CAB-09752 \$4.95
	<b>Audio Cable 3.5mm to RCA - 6ft</b> CAB-08919 \$2.95		

## Cables | Ethernet

	<b>CAT 6 Cable - 10ft</b> CAB-08917 \$2.95		<b>CAT 6 Cable - 5ft</b> CAB-08916 \$2.95
	<b>CAT 6 Cable - 1ft</b> CAB-08918 \$1.95		<b>Passive PoE Cable Set</b> CAB-10759 \$4.95
	<b>CAT 6 Cable - 3ft</b> CAB-08915 \$1.95		

## Cables | Hook Up

	<b>Alligator Test Leads - Multicolored 10 Pack</b> PRT-11037 \$2.95		<b>IC Hook to IC Hook Cables</b> CAB-00502 \$3.95
	<b>Alligator to Alligator Cables</b> CAB-08927 \$2.95		<b>IC Hook with Pigtail</b> CAB-09741 \$4.95
	<b>Banana to Alligator Cable</b> CAB-00509 \$3.95		<b>Multimeter Probes - Tweezers</b> TOL-11060 \$4.95
	<b>Banana to Alligator Coax Cable</b> CAB-00508 \$4.95		<b>Open Logic Sniffer - Probe Cable Kit</b> TOL-10086 \$9.95
	<b>Banana to Banana Cables</b> CAB-00507 \$4.95		<b>Raspberry Pi - GPIO Ribbon Cable (6")</b> CAB-11489 \$2.95
	<b>Banana to IC Hook Cables</b> CAB-00506 \$4.95		<b>Raspberry Pi - GPIO Shrouded Header (2x13)</b> PRT-11490 \$0.95
	<b>Banana to Test Probe Cables</b> CAB-00505 \$3.95		<b>Ribbon Cable - 10 wire (15ft)</b> CAB-10647 \$4.95
	<b>BNC Probe Kit</b> CAB-09486 \$14.95		<b>Ribbon Cable - 10 wire (3ft)</b> CAB-10649 \$0.95
	<b>BNC to Alligator Cable</b> CAB-00504 \$4.95		<b>Ribbon Cable - 6 wire (15ft)</b> CAB-10646 \$2.95



**BNC to IC Hook Cable**  
CAB-00503 \$4.95



**Ribbon Cable - 6 wire (3ft)**  
CAB-10648 \$0.75



**IC Hook Test Leads**  
CAB-00501 \$8.95

Cables | **Parallel**



**Parallel Cable DB25 M/F - 6 Foot**  
CAB-00064 \$4.95

Cables | **Serial**



**OBD-II to DB9 Cable**  
CAB-10087 \$9.95



**Serial Cable DB9 M/F - 6 Foot**  
CAB-00065 \$3.95

Cables | **USB**



**Panel Mount USB to 4-pin Female Header Cable - 6'**  
CAB-10177 \$2.95



**USB Cable A to B - 6 Foot**  
CAB-00512 \$3.95



**SparkFun Cerberus USB Cable - 6ft**  
CAB-12016 \$5.95



**USB Cable Extension - 10 Foot**  
CAB-00518 \$4.95



**SparkFun Cerberus USB Cable - 6ft**  
CAB-11515 \$2.95



**USB Cable Extension - 6 Foot**  
CAB-00517 \$3.95



**SparkFun Hydra Power Cable - 6ft**  
CAB-11579 \$4.95



**USB microB Cable - 6 Foot**  
CAB-10215 \$4.95



**SparkFun USB Mini-B Cable - 6 Foot**  
CAB-11301 \$3.95



**USB OTG Cable - Female A to Micro A - 4"**  
CAB-11604 \$2.95



**USB Cable A to A - 6 Foot**  
CAB-00515 \$3.95



**USB to RS232 Converter - 6ft**  
CAB-11304 \$15.95



**USB Cable A to B - 10 Foot**  
CAB-00513 \$4.95

Cables | **Video**



**HDMI Cable - 6'**  
CAB-11572 \$4.95



**S-Video Cable - 12ft**  
CAB-09036 \$4.95



**RCA Video Cable - 6'**  
CAB-11573 \$2.95

**Cellular**

Cellular | **Antennas**



**Quad-band Cellular Antenna SMA**  
CEL-08347 \$9.95



**Quad-band Wired Cellular Antenna SMA**  
CEL-00290 \$11.95



**Quad-band Cellular Duck Antenna SMA**  
CEL-00675 \$7.95

Cellular | **Eval Boards**



**Audio Jack Modem for iPhone and Android**  
DEV-10331 \$11.95



**SM5100B Evaluation Board**  
CEL-09427 \$59.95

Cellular | **Modules**



**ADH8066 GSM Module**  
CEL-10138 \$49.95



**GSM/GPRS Module - SM5100B**  
CEL-09533 \$59.95



**GM862 SMD Connector**  
CEL-00283 \$1.95



**SM5100B Mating Connector**  
CEL-09535 \$2.95

**Components**

Components | **AVR Microcontrollers**



**ATMega328 - TQFP**  
COM-09261 \$4.25



**AVR 28 Pin 20MHz 32K 6A/D - ATMega328P**  
COM-09061 \$4.30



**ATMega32U4 TQFP**  
COM-11181 \$6.95



**AVR 40 Pin 16MHz 32K 8A/D - ATMega32**  
COM-00209 \$8.80



**AVR 14 Pin 20MHz 8K 12A/D - ATtiny84**  
COM-11232 \$2.95























































**AVR 8 Pin 20MHz 8K 4A/D - ATtiny85**  
COM-09378 \$2.84




































































**AVR 20 Pin 20MHz 2K - ATtiny2313**  
COM-00212 \$2.88



























Components | Buttons/Switches

	<b>5-Way Selector Switch</b> COM-10541 \$2.95		<b>Mini Push Button Switch - SMD</b> COM-08720 \$0.95
	<b>5-way Tactile Switch</b> COM-10063 \$1.95		<b>Mini Push Button Switch - Tall</b> COM-08605 \$0.50
	<b>Arcade Joystick</b> COM-09136 \$19.95		<b>Missile Switch Cover - Carbon Fiber</b> COM-11059 \$1.95
	<b>Arcade Joystick - Short Handle</b> COM-09182 \$14.95		<b>Missile Switch Cover - Red</b> COM-09278 \$1.95
	<b>Barrel Jack Power Switch - M-F (3")</b> COM-11705 \$2.50		<b>Momentary Button - Panel Mount (Black)</b> COM-11996 \$0.95
	<b>Big Dome Push Button - Blue</b> COM-11274 \$9.95		<b>Momentary Button - Panel Mount (Blue)</b> COM-11994 \$0.95
	<b>Big Dome Push Button - Blue (Economy)</b> COM-11962 \$5.95		<b>Momentary Button - Panel Mount (Green)</b> COM-11993 \$0.95
	<b>Big Dome Push Button - Green</b> COM-11275 \$9.95		<b>Momentary Button - Panel Mount (Red)</b> COM-11992 \$0.95
	<b>Big Dome Push Button - Green (Economy)</b> COM-11961 \$5.95		<b>Momentary Button - Panel Mount (White)</b> COM-11997 \$0.95
	<b>Big Dome Push Button - Red</b> COM-09181 \$9.95		<b>Momentary Button - Panel Mount (Yellow)</b> COM-11995 \$0.95
	<b>Big Dome Push Button - Red (Economy)</b> COM-11960 \$5.95		<b>Momentary Button - Small Red Panel Mount</b> COM-09807 \$0.50
	<b>Big Dome Push Button - White (Economy)</b> COM-11964 \$5.95		<b>Momentary Push Button Switch - 12mm Square</b> COM-09190 \$0.50
	<b>Big Dome Push Button - Yellow</b> COM-11273 \$9.95		<b>Momentary Reset Switch SMD</b> COM-08229 \$0.95
	<b>Big Dome Push Button - Yellow (Economy)</b> COM-11963 \$5.95		<b>Omron Snap Action Switch</b> COM-00098 \$1.95
	<b>Blackberry Trackball</b> COM-09308 \$4.95		<b>PlayStation 2 Compatible Controller</b> COM-10330 \$9.95
	<b>Blackberry Trackballer Breakout</b> COM-09320 \$16.95		<b>Pull Chain Switch</b> COM-11136 \$1.50
	<b>Button Pad 2x2 - Breakout PCB</b> COM-09277 \$4.95		<b>Push Button 33mm - Blue</b> COM-09178 \$0.95
	<b>Button Pad 2x2 - LED Compatible</b> COM-07836 \$2.95		<b>Push Button 33mm - Green</b> COM-09179 \$0.95
	<b>Button Pad 2x2 Bottom Bezel</b> COM-08747 \$3.95		<b>Push Button 33mm - Pink</b> COM-09177 \$0.95
	<b>Button Pad 2x2 Top Bezel</b> COM-08746 \$3.95		<b>Push Button 33mm - Yellow</b> COM-09180 \$0.95
	<b>Button Pad 4x4 - Breakout PCB</b> COM-08033 \$9.95		<b>Reed Switch</b> COM-08642 \$1.50
	<b>Button Pad 4x4 - LED Compatible</b> COM-07835 \$9.95		<b>Reed Switch - Insulated</b> COM-10601 \$1.95
	<b>Concave Button - Black</b> COM-09339 \$1.95		<b>Right Angle Tactile Button</b> COM-10791 \$0.50
	<b>Concave Button - Blue</b> COM-09337 \$1.95		<b>Rocker Switch - DPDT</b> COM-11139 \$0.95
	<b>Concave Button - Green</b> COM-09341 \$1.95		<b>Rocker Switch - Medium</b> COM-10727 \$0.50
	<b>Concave Button - Red</b> COM-09336 \$1.95		<b>Rocker Switch - Round w/ Blue LED</b> COM-11155 \$1.50

















	<b>Concave Button - White</b> COM-09340 \$1.95		<b>Rocker Switch - SPST (right-angle)</b> COM-08837 \$0.95
	<b>Concave Button - Yellow</b> COM-09338 \$1.95		<b>Rocker Switch - SPST (round)</b> COM-11138 \$0.50
	<b>DIP Switch - 8 Position</b> COM-08034 \$1.50		<b>Rotary DIP Switch - 16 Position</b> COM-10064 \$2.95
	<b>Door Switch - Momentary</b> COM-11142 \$0.95		<b>Rotary Encoder LED Ring Breakout Board - Blue</b> COM-10407 \$15.95
	<b>EasyPoint - N35P112 Joystick Breakout</b> BOB-10835 \$19.95		<b>Rotary Encoder LED Ring Breakout Board - Green</b> COM-10409 \$15.95
	<b>Fabric Button Pad - 5 Buttons</b> COM-11813 \$19.95		<b>Rotary Encoder LED Ring Breakout Board - Red</b> COM-10408 \$15.95
	<b>Foot Pedal Switch</b> COM-11192 \$4.95		<b>Rotary Switch Knob</b> COM-10263 \$0.95
	<b>Key Switch - Medium</b> COM-11473 \$1.95		<b>Slide Pot - Medium (10k Linear Taper)</b> COM-11621 \$2.50
	<b>Key Switch - Small</b> COM-10445 \$0.95		<b>Slide Pot - Small (10k Linear Taper)</b> COM-11620 \$1.95
	<b>Keypad - 12 Button</b> COM-08653 \$3.95		<b>Slide Pot - X-Large (10k Linear Taper)</b> COM-09119 \$2.95
	<b>Keypad - Sealed Membrane Switches - 14 Pin Connector</b> COM-08973 \$0.95		<b>Slide Potentiometer Knob</b> COM-09120 \$0.95
	<b>Lamp Switch - SPST (inline)</b> COM-11477 \$0.95		<b>SPDT Mini Power Switch</b> COM-00102 \$1.50
	<b>LED Light Pipe 0.6" Round</b> COM-09926 \$0.95		<b>SPDT Slide Switch</b> COM-09609 \$0.75
	<b>LED Tactile Button - Blue</b> COM-10443 \$1.95		<b>Stomp Switch - DPDT</b> COM-11151 \$1.95
	<b>LED Tactile Button - Green</b> COM-10440 \$1.95		<b>Surface Mount DPDT Switch</b> COM-00597 \$1.50
	<b>LED Tactile Button - Orange</b> COM-10441 \$1.95		<b>Surface Mount Navigation Switch</b> COM-08184 \$1.50
	<b>LED Tactile Button - Red</b> COM-10442 \$1.95		<b>Surface Mount Navigation Switch Breakout</b> COM-08236 \$6.95
	<b>LED Tactile Button Breakout</b> BOB-10467 \$1.50		<b>Surface Mount Right Angle Switch</b> COM-10860 \$0.95
	<b>LED Tactile Button- White</b> COM-10439 \$1.95		<b>Tactile Button Assortment</b> COM-10302 \$4.95
	<b>Locking Button - Medium Red Panel Mount</b> COM-09808 \$1.95		<b>Thumb Joystick</b> COM-09032 \$3.95
	<b>Metal Pushbutton - Latching (16mm, Blue)</b> COM-11972 \$4.95		<b>Thumb Slide Joystick</b> COM-09426 \$3.50
	<b>Metal Pushbutton - Latching (16mm, Green)</b> COM-11973 \$4.95		<b>Toggle Switch</b> COM-09276 \$1.95
	<b>Metal Pushbutton - Latching (16mm, Red)</b> COM-11971 \$4.95		<b>Toggle Switch - 3PDT</b> COM-11137 \$2.95
	<b>Metal Pushbutton - Latching (16mm, White)</b> COM-11975 \$4.95		<b>Toggle Switch - 4PDT</b> COM-11153 \$2.95
	<b>Metal Pushbutton - Latching (16mm, Yellow)</b> COM-11974 \$4.95		<b>Toggle Switch - Momentary (On-Off-On)</b> COM-10545 \$1.95
	<b>Metal Pushbutton - Momentary (16mm, Blue)</b> COM-11967 \$4.95		<b>Toggle Switch and Cover - Illuminated (Blue)</b> COM-11313 \$2.95
	<b>Metal Pushbutton - Momentary (16mm, Green)</b> COM-11968 \$4.95		<b>Toggle Switch and Cover - Illuminated (Green)</b> COM-11311 \$2.95























































	<b>Metal Pushbutton - Momentary (16mm, Red)</b> COM-11966 \$4.95		<b>Toggle Switch and Cover - Illuminated (Orange)</b> COM-11312 \$2.95
	<b>Metal Pushbutton - Momentary (16mm, White)</b> COM-11970 \$4.95		<b>Toggle Switch and Cover - Illuminated (Red)</b> COM-11310 \$2.95
	<b>Metal Pushbutton - Momentary (16mm, Yellow)</b> COM-11969 \$4.95		<b>Toggle Switch and Cover - Illuminated (White)</b> COM-11314 \$2.95
	<b>Microswitch - 2 Terminal</b> COM-09414 \$1.50		<b>Toggle Switch Cover - Waterproof</b> COM-11146 \$0.50
	<b>Microswitch - 3-terminal</b> COM-09506 \$1.50		<b>Trackball - PS/2</b> COM-10758 \$14.95
	<b>Mini Push Button Switch</b> COM-00097 \$0.35		























































**Components | EL**

	<b>EL Escudo Dos</b> COM-10878 \$19.95		<b>EL Tape - Red (1M)</b> COM-10796 \$8.95
	<b>EL Inverter - 12v</b> COM-10469 \$14.95		<b>EL Tape - White (1M)</b> COM-10794 \$8.95
	<b>EL Inverter - 3v</b> COM-10201 \$9.95		<b>EL Wire - Blue 3m</b> COM-10195 \$9.95
	<b>EL Inverter - Battery Pack</b> COM-11222 \$4.95		<b>EL Wire - Blue-Green 3m</b> COM-10199 \$9.95
	<b>EL Panel - Blue (10x10cm)</b> COM-10798 \$14.95		<b>EL Wire - Fluorescent-Green 3m</b> COM-10200 \$9.95
	<b>EL Panel - Blue-Green (10x10cm)</b> COM-10800 \$14.95		<b>EL Wire - Green 3m</b> COM-10194 \$9.95
	<b>EL Panel - Red (10x10cm)</b> COM-10801 \$14.95		<b>EL Wire - Orange 3m</b> COM-10193 \$9.95
	<b>EL Panel - White (10x10cm)</b> COM-10799 \$14.95		<b>EL Wire - Pink 3m</b> COM-10198 \$9.95
	<b>EL Sequencer</b> COM-11323 \$34.95		<b>EL Wire - Purple 3m</b> COM-10196 \$9.95
	<b>EL Tape - Blue (1M)</b> COM-10793 \$8.95		<b>EL Wire - Red 3m</b> COM-10191 \$9.95
	<b>EL Tape - Blue/Green (1M)</b> COM-10795 \$8.95		<b>EL Wire - White 3m</b> COM-10197 \$9.95
	<b>EL Tape - Green (1M)</b> COM-10797 \$8.95		<b>EL Wire - Yellow 3m</b> COM-10192 \$9.95

**Components | General**

	<b>Analog Panel Meter - 0 to 20mA</b> TOL-10286 \$4.95		<b>Muscle Wire - 0.012" Diameter (1 foot)</b> COM-11900 \$1.95
	<b>Analog Panel Meter - 0 to 5 VDC</b> TOL-10285 \$4.95		<b>Photoluminescent Panel - 3x5"</b> COM-11552 \$1.95
	<b>Beginner Parts Kit</b> KIT-10003 \$24.95		<b>Photoluminescent Panel - 4x6"</b> COM-11553 \$2.95
	<b>Black Chicken Head Knob - 14x20mm</b> COM-10000 \$0.95		<b>Photoluminescent Panel - 8.5x11"</b> COM-11554 \$4.95
	<b>Black Knob - 15x19mm</b> COM-09998 \$0.95		<b>Piezo Element</b> SEN-10293 \$1.50
	<b>Black Metal Knob - 14x24mm</b> COM-10002 \$1.50		<b>Piezo Igniter</b> COM-10234 \$9.95
	<b>Blower - Squirrel Cage (12V)</b> COM-11270 \$4.95		<b>Potentiometer - Push-Lock (10K)</b> COM-10805 \$2.95
	<b>Buzzer - PC Mount 12mm 2.048kHz</b> COM-07950 \$1.95		<b>PowerSwitch Tail II</b> COM-10747 \$28.95

	<b>Capacitor 100nF SMD (strip of 50)</b> PRT-11245 \$1.50		<b>Red Chicken Head Knob - 14x20mm</b> COM-09999 \$0.95
	<b>Capacitor 10uF SMD (strip of 50)</b> PRT-11244 \$11.95		<b>Red Knob - 15x19mm</b> COM-09997 \$0.95
	<b>Capacitor Ceramic 0.1uF</b> COM-08375 \$0.25		<b>Relay Control PCB</b> COM-11041 \$3.95
	<b>Capacitor Ceramic 22pF</b> COM-08571 \$0.25		<b>Relay SPDT Sealed</b> COM-00100 \$1.95
	<b>Car Horn - 12V (pair)</b> COM-10966 \$5.95		<b>Relay SPDT Sealed - 20A</b> COM-10924 \$2.95
	<b>Clear Plastic Knob</b> COM-10597 \$0.95		<b>Resettable Fuse PTC</b> COM-08357 \$1.25
	<b>Coin Acceptor - Programmable (3 coin types)</b> COM-11719 \$19.95		<b>Resistor 1.0M Ohm 1/6 Watt PTH</b> COM-11853 \$0.15
	<b>Coin Acceptor - Programmable (6 coin types)</b> COM-11636 \$44.95		<b>Resistor 1.0M Ohm 1/6th Watt PTH - 20 pack</b> COM-11852 \$0.95
	<b>DC Brushless Fan - 80x80x15mm (12V)</b> COM-11718 \$5.95		<b>Resistor 10k Ohm - SMD (strip of 50)</b> PRT-11246 \$1.95
	<b>DC Brushless Fan - 80x80x15mm (5V)</b> COM-09649 \$5.95		<b>Resistor 10K Ohm 1/4th Watt PTH - 20 pack</b> COM-11508 \$0.95
	<b>DC Brushless Fan-- 50x50x10mm</b> COM-09648 \$4.95		<b>Resistor 10k Ohm 1/6th Watt PTH</b> COM-08374 \$0.25
	<b>Digital Potentiometer - 10K</b> COM-10613 \$1.50		<b>Resistor 1k Ohm 1/6 Watt PTH</b> COM-08980 \$0.25
	<b>Diode Rectifier - 1A 50V</b> COM-08589 \$0.15		<b>Resistor 330 Ohm - SMD (strip of 50)</b> PRT-11247 \$1.50
	<b>Diode Small Signal - 1N4148</b> COM-08588 \$0.15		<b>Resistor 330 Ohm 1/4 Watt PTH - 20 pack</b> COM-11507 \$0.95
	<b>Electrode - Self-Adhesive (pair)</b> COM-10513 \$4.95		<b>Resistor 330 Ohm 1/6th Watt PTH</b> COM-08377 \$0.25
	<b>Electrolytic Decoupling Capacitors - 1000uF/25V</b> COM-08982 \$0.35		<b>Resistor Kit - 1/4W (500 total)</b> COM-10969 \$7.95
	<b>Electrolytic Decoupling Capacitors - 100uF/25V</b> COM-00096 \$0.35		<b>Resistor Network - 10K Ohm (6-pin bussed)</b> COM-10856 \$0.50
	<b>Electrolytic Decoupling Capacitors - 10uF/25V</b> COM-00523 \$0.45		<b>Resistor Network - 330 Ohm (6-pin bussed)</b> COM-10855 \$0.50
	<b>Flash Memory - 8GB Mobility Pack</b> COM-11609 \$12.95		<b>Rotary Encoder</b> COM-09117 \$2.95
	<b>Fuse 5mm 125VAC 5A</b> COM-09772 \$0.50		<b>Rotary Encoder - 1024 P/R (Quadrature)</b> COM-11102 \$39.95
	<b>Fuse 5mm 250V 200mA</b> COM-10165 \$0.95		<b>Rotary Encoder - 200 P/R</b> COM-10790 \$29.95
	<b>Fuse 5mm 250V 500mA</b> COM-10166 \$0.95		<b>Rotary Encoder - 200 P/R (Quadrature)</b> COM-10932 \$39.95
	<b>Fuse Clip 5mm</b> COM-09773 \$0.25		<b>Rotary Encoder - Illuminated (Red/Green)</b> COM-10596 \$2.95
	<b>GTE Knob - Large</b> COM-11950 \$1.50		<b>Rotary Encoder - Illuminated (RGB)</b> COM-10982 \$3.95
	<b>GTE Knob - Medium</b> COM-11949 \$1.25		<b>Rotary Encoder - Illuminated (RGB, right-angle)</b> COM-10984 \$3.95
	<b>GTE Knob - Small</b> COM-11951 \$0.95		<b>Rotary Potentiometer - 10k Ohm, Linear</b> COM-09939 \$0.95
	<b>Heating Pad - 5x10cm</b> COM-11288 \$3.95		<b>Rotary Potentiometer - 10k Ohm, Logarithmic</b> COM-09940 \$0.95

	<b>Heating Pad - 5x15cm</b> COM-11289 \$4.95		<b>Rotary Potentiometer - 4.7k Ohm, Linear</b> COM-09941 \$0.95
	<b>Heating Panel - 12V (4" x 2")</b> COM-11867 \$34.95		<b>Rotary Potentiometer - Linear (10k ohm)</b> COM-09288 \$0.95
	<b>Inductor 180uH</b> COM-00090 \$1.95		<b>Schottky Diode</b> COM-10926 \$0.15
	<b>Infrared Remote Control</b> COM-11759 \$4.95		<b>Silicon Nitride Igniter - 12V</b> COM-11694 \$19.95
	<b>Laser Card Module - Red</b> COM-00594 \$7.95		<b>Silver Metal Knob - 14x24mm</b> COM-10001 \$1.50
	<b>Laser Module - Red with TTL Control</b> COM-08654 \$11.95		<b>Slide Pot - Motorized (10k Audio Taper)</b> COM-10734 \$19.95
	<b>Laser Module Mount</b> COM-08674 \$4.95		<b>Slide Pot - Motorized (10k Linear Taper)</b> COM-10976 \$19.95
	<b>LED Holder - 10mm</b> COM-11841 \$0.50		<b>Small Heatsink</b> PRT-11510 \$1.95
	<b>LED Holder - 10mm (Chrome Finish)</b> COM-11148 \$0.50		<b>SMD PTC - 6V 500mA (strip of 10)</b> PRT-11637 \$2.95
	<b>LED Holder - 5mm</b> COM-11840 \$0.50		<b>Solid State Relay - 8A</b> COM-10636 \$4.95
	<b>LED Holder - 5mm (Chrome Finish)</b> COM-11147 \$0.50		<b>Spark Gap Igniter - 4.8V</b> COM-11218 \$14.95
	<b>Light Pipe - Clear Core (3mm, 1' long)</b> PRT-10697 \$3.95		<b>Speaker - 0.5W (8 ohm)</b> COM-09151 \$1.95
	<b>Light Pipe - Clear Core (3mm, 5' long)</b> PRT-10698 \$14.95		<b>Speaker - PCB Mount</b> COM-11089 \$1.95
	<b>Light Pipe - Clear Core (6mm, 1' long)</b> PRT-10695 \$4.95		<b>Super Capacitor - 10F/2.5V</b> COM-00746 \$4.95
	<b>Light Pipe - Clear Core (6mm, 5' long)</b> PRT-10696 \$24.95		<b>Super Capacitor - Low ESR - 1F/2.5V</b> COM-10068 \$2.95
	<b>Light Pipe - White Core (3.5mm, 1' long)</b> PRT-10693 \$3.95		<b>Surface Transducer - Large</b> COM-10975 \$19.95
	<b>Light Pipe - White Core (3.5mm, 5' long)</b> PRT-10694 \$14.95		<b>Surface Transducer - Small</b> COM-10917 \$9.95
	<b>Light Pipe - White Core (6mm, 1' long)</b> PRT-10691 \$4.95		<b>Thermal Printer</b> COM-10438 \$49.95
	<b>Light Pipe - White Core (6mm, 5' long)</b> PRT-10692 \$24.95		<b>Thermal Printer Paper - 34'</b> COM-10560 \$1.95
	<b>LinkM - USB to I2C</b> COM-09903 \$29.95		<b>Thermoelectric Cooler - 40x40mm</b> COM-10080 \$14.95
	<b>Magnet Disk - 0.709"</b> COM-08890 \$0.95		<b>Thin Speaker</b> COM-10722 \$0.95
	<b>Magnet Ring - 3/16"</b> COM-08914 \$0.95		<b>Thumbwheel Potentiometer - 10k Ohm, Linear</b> COM-11173 \$0.95
	<b>Magnet Square - 0.125"</b> COM-08644 \$0.95		<b>TL431 - Voltage Reference</b> COM-11078 \$0.50
	<b>Magnet Square - 0.25"</b> COM-08643 \$1.50		<b>Trimpot 10K</b> COM-00104 \$0.95
	<b>microSD USB Reader</b> COM-09433 \$6.95		<b>Trimpot 10K with Knob</b> COM-09806 \$0.95
	<b>MOSFET Power Control Kit</b> COM-10256 \$3.95		<b>Voltage Regulator - 3.3V SMD (strip of 10)</b> PRT-11253 \$7.95
	<b>Motorized Pot Knob</b> COM-10761 \$1.50		<b>Voltage Regulator - 5V SMD (strip of 10)</b> PRT-11252 \$8.95





**Muscle Wire - 0.005" Diameter (1 foot)**  
COM-11899 \$1.50



**Zener Diode - 5.1V 1W**  
COM-10301 \$0.25

## Components | General ICs



**555 Timer**  
COM-09273 \$0.95



**Optoisolator - 4 Channel**  
COM-00784 \$2.25



**74HC238 - 3 to 8 Line Decoder**  
COM-09577 \$0.95



**Optoisolator with Darlington Driver - 1 Channel**  
COM-00314 \$0.95



**8-Bit Parallel-In/Serial-Out Shift Register - 74HC165N**  
COM-09519 \$1.45



**P-Channel MOSFET 60V 27A**  
COM-10349 \$0.95



**Analog to Digital Converter - MCP3002**  
COM-08636 \$2.30



**Real Time Clock - DS3234**  
COM-10079 \$9.95



**BJT Transistors - NPN BC547**  
COM-08928 \$0.95



**Shift Register 8-Bit - 74HC595**  
COM-00733 \$1.50



**Common BJT Transistors - NPN 2N3904**  
COM-00521 \$0.75



**Shift Register 8-Bit High-Power - TPIC6B595**  
COM-00734 \$2.25



**Common BJT Transistors - PNP 2N3906**  
COM-00522 \$0.75



**SI4735-D60-GU AM/FM Radio IC**  
COM-11737 \$9.95



**Darlington Driver 8-Channel ULN2803 DIP**  
COM-00312 \$1.95



**SpeakJet**  
COM-09578 \$24.95



**Dual Analog Mux/Demux - TS3A5017DR**  
COM-10652 \$1.50



**Step Up/Down Inverting Switching Regulator**  
COM-00317 \$1.95



**Dual/Quad Power Amplifier - STA540**  
COM-09557 \$4.95



**Text to Speech chip for SpeakJet - TTS256**  
COM-09811 \$21.95



**Floating Point Co-Processor uM-FPU v3.1**  
COM-08129 \$19.95



**Thermocouple Amplifier AD595-AQ**  
COM-00306 \$17.95



**Floating Point Co-Processor uM-FPU v3.1 SOIC**  
COM-08450 \$19.95



**TLC 5940 - PWM Driver**  
COM-10136 \$5.95



**Full-Bridge Motor Driver Dual - L298N**  
COM-09479 \$2.95



**TRIAC**  
COM-09234 \$0.95



**Graphic Equalizer Display Filter - MSGEQ7**  
COM-10468 \$4.95



**Voice Modulator IC - HT8950**  
COM-10574 \$2.95



**H-Bridge Motor Driver 1A**  
COM-00315 \$2.35



**Voltage Regulator - 3.3V**  
COM-00526 \$1.95



**I2C EEPROM - 256kbit**  
COM-00525 \$1.95



**Voltage Regulator - 5V**  
COM-00107 \$1.25



**LED Display Driver (8-Digit) - MAX7219CNG**  
COM-09622 \$9.95



**Voltage Regulator - Adjustable**  
COM-00527 \$1.95



**MP3 Codec IC - VS1103B**  
COM-08894 \$14.95



**WS2801 IC**  
COM-10444 \$0.75



**N-Channel MOSFET 60V 30A**  
COM-10213 \$0.95



**XMOS Processor - XS1-L1-64**  
COM-10109 \$7.95



**Op-Amp (Thru-Hole) - LM358**  
COM-09456 \$0.95

## Components | LEDs

### Components | LEDs | 10mm



**Diffused LED - Blue 10mm**  
COM-10635 \$0.50



**LED - 10mm Cycling RGB (slow)**  
COM-11452 \$0.95



**Diffused LED - Green 10mm**  
COM-10633 \$0.50



**LED Mixed Bag - 10mm**  
COM-11459 \$7.95



**Diffused LED - Red 10mm**  
COM-10632 \$0.50




**Super Bright LED - Blue 10mm**  
COM-08860 \$1.50








**Diffused LED - RGB 10mm**  
COM-11120 \$0.95











































**Super Bright LED - Green 10mm**  
COM-08861 \$1.50



	<b>Diffused LED - White 10mm</b> COM-11121 \$0.50		<b>Super Bright LED - Red 10mm</b> COM-08862 \$1.50
	<b>Diffused LED - Yellow 10mm</b> COM-10634 \$0.50		<b>Super Bright LED - White 10mm</b> COM-11118 \$1.50
	<b>LED - 10mm Cycling RGB (fast)</b> COM-11453 \$0.95		<b>Super Bright LED - Yellow 10mm</b> COM-11119 \$1.50

**Components | LEDs | 3mm**

























	<b>LED - 3mm Cycling RGB (fast)</b> COM-11449 \$0.50		<b>LED - Basic Red 3mm</b> COM-00533 \$0.35
	<b>LED - 3mm Cycling RGB (slow)</b> COM-11448 \$0.50		<b>LED - Basic Yellow 3mm</b> COM-00532 \$0.35
	<b>LED - Basic Green 3mm</b> COM-09650 \$0.35		

**Components | LEDs | 5mm**

























	<b>LED - 5mm Cycling RGB (fast)</b> COM-11451 \$0.75		<b>LED - RGB Diffused Common Cathode (100 pack)</b> COM-10017 \$59.95
	<b>LED - 5mm Cycling RGB (slow)</b> COM-11450 \$0.75		<b>LED - RGB Diffused Common Cathode (25 pack)</b> COM-09852 \$19.95
	<b>LED - 5mm Precision Red</b> COM-11393 \$0.50		<b>LED - Super Bright Blue</b> COM-00529 \$0.95
	<b>LED - Assorted 10 Red / 10 Yellow (20 pack)</b> COM-10049 \$2.95		<b>LED - Super Bright Blue (100 pack)</b> COM-09983 \$19.95
	<b>LED - Basic Blue 5mm</b> COM-11372 \$0.50		<b>LED - Super Bright Blue (25 pack)</b> COM-09662 \$7.95
	<b>LED - Basic Green 5mm</b> COM-09592 \$0.35		<b>LED - Super Bright Green</b> COM-08285 \$0.95
	<b>LED - Basic Green 5mm (25 pack)</b> COM-09855 \$2.95		<b>LED - Super Bright Green (100 pack)</b> COM-09984 \$19.95
	<b>LED - Basic Red 5mm</b> COM-09590 \$0.35		<b>LED - Super Bright Green (25 pack)</b> COM-09661 \$7.95
	<b>LED - Basic Red 5mm (25 pack)</b> COM-09856 \$2.95		<b>LED - Super Bright Red</b> COM-00528 \$0.95
	<b>LED - Basic Yellow 5mm</b> COM-09594 \$0.35		<b>LED - Super Bright Red (100 pack)</b> COM-09979 \$19.95
	<b>LED - Infrared 850nm</b> COM-09469 \$0.95		<b>LED - Super Bright Red (25 pack)</b> COM-09660 \$7.95
	<b>LED - Infrared 850nm (25 pack)</b> COM-09854 \$7.95		<b>LED - Super Bright White</b> COM-00531 \$0.95
	<b>LED - Infrared 950nm</b> COM-09349 \$0.95		<b>LED - Super Bright White (100 pack)</b> COM-10035 \$29.95
	<b>LED - Infrared 950nm (25 pack)</b> COM-10557 \$7.95		<b>LED - Super Bright White (25 pack)</b> COM-09850 \$7.95
	<b>LED - RGB Clear Common Anode</b> COM-10820 \$1.95		<b>LED - Super Bright Yellow</b> COM-00530 \$0.95
	<b>LED - RGB Clear Common Anode (25 pack)</b> COM-10819 \$19.95		<b>LED - Super Bright Yellow (100 pack)</b> COM-09982 \$14.95
	<b>LED - RGB Clear Common Cathode</b> COM-00105 \$1.95		<b>LED - Super Bright Yellow (25 pack)</b> COM-10023 \$7.95
	<b>LED - RGB Clear Common Cathode (100 pack)</b> COM-09985 \$59.95		<b>LED - Ultraviolet</b> COM-08662 \$0.95
	<b>LED - RGB Clear Common Cathode (25 pack)</b> COM-09853 \$19.95		<b>LED - Violet 5mm (25 pack)</b> COM-09851 \$7.95
	<b>LED - RGB Diffused Common Anode</b> COM-10821 \$1.95		<b>LED Mixed Bag - 5mm</b> COM-09881 \$9.95





































	<b>LED - RGB Diffused Common Anode (25 pack)</b> COM-10818 \$19.95		<b>LED Starter Kit</b> RTL-09878 \$11.95
	<b>LED - RGB Diffused Common Cathode</b> COM-09264 \$1.95		

Components | LEDs | **7-Segment**

















	<b>7-Segment Controller Kit - Slave</b> COM-09463 \$27.95		<b>7-Segment Display - LED (Blue)</b> COM-09191 \$1.95
	<b>7-Segment Display - 20mm (Blue)</b> COM-11408 \$2.95		<b>7-Segment Display - LED (Red)</b> COM-08546 \$0.95
	<b>7-Segment Display - 20mm (Green)</b> COM-11407 \$1.95		<b>7-Segment Serial Display - Blue</b> COM-11442 \$12.95
	<b>7-Segment Display - 20mm (Red)</b> COM-11405 \$1.50		<b>7-Segment Serial Display - Kelly Green</b> COM-11440 \$12.95
	<b>7-Segment Display - 20mm (White)</b> COM-11409 \$2.95		<b>7-Segment Serial Display - Red</b> COM-11441 \$12.95
	<b>7-Segment Display - 20mm (Yellow)</b> COM-11406 \$1.50		<b>7-Segment Serial Display - White</b> COM-11629 \$12.95
	<b>7-Segment Display - 4-Digit (Blue)</b> COM-09481 \$2.50		<b>7-Segment Serial Display - Yellow</b> COM-11443 \$12.95
	<b>7-Segment Display - 4-Digit (Kelly Green)</b> COM-09482 \$1.95		<b>OpenSegment Serial Display - 20mm (Blue)</b> COM-11647 \$16.95
	<b>7-Segment Display - 4-Digit (Red)</b> COM-09483 \$1.95		<b>OpenSegment Serial Display - 20mm (Green)</b> COM-11646 \$16.95
	<b>7-Segment Display - 4-Digit (White)</b> COM-10931 \$1.95		<b>OpenSegment Serial Display - 20mm (Red)</b> COM-11644 \$16.95
	<b>7-Segment Display - 4-Digit (Yellow)</b> COM-09480 \$1.95		<b>OpenSegment Serial Display - 20mm (White)</b> COM-11648 \$16.95
	<b>7-Segment Display - 6.5" (Red)</b> COM-08530 \$14.95		<b>OpenSegment Serial Display - 20mm (Yellow)</b> COM-11645 \$16.95

















Components | LEDs | **Other**

	<b>1.0" Single Digit Alphanumeric Display - Blue</b> COM-09933 \$2.95		<b>LED Matrix Kit</b> DEV-11861 \$9.95
	<b>1.0" Single Digit Alphanumeric Display - Green/Yellow</b> COM-09932 \$1.95		<b>LED RGB Strip - Addressable, Bare (1M)</b> COM-12025 \$19.95
	<b>1.0" Single Digit Alphanumeric Display - Red</b> COM-09934 \$1.95		<b>LED RGB Strip - Addressable, Bare (5M)</b> COM-12026 \$99.95
	<b>10 Segment LED Bar Graph - Blue</b> COM-09937 \$1.95		<b>LED RGB Strip - Addressable, Sealed (1M)</b> COM-12027 \$24.95
	<b>10 Segment LED Bar Graph - Green</b> COM-09938 \$1.95		<b>LED RGB Strip - Addressable, Sealed (5M)</b> COM-12028 \$119.95
	<b>10 Segment LED Bar Graph - Red</b> COM-09935 \$1.95		<b>LED RGB Strip - Bare (1M)</b> COM-12021 \$9.95
	<b>10 Segment LED Bar Graph - Yellow</b> COM-09936 \$1.95		<b>LED RGB Strip - Bare (5M)</b> COM-12022 \$49.95
	<b>Bar Graph Breakout Kit</b> DEV-10936 \$19.95		<b>LED RGB Strip - Sealed (1M)</b> COM-12023 \$14.95
	<b>BlinkM - I2C Controlled RGB LED</b> COM-08579 \$12.95		<b>LED RGB Strip - Sealed (5M)</b> COM-12024 \$74.95
	<b>BlinkM MaxM - I2C Controlled RGB LED</b> COM-09000 \$24.95		<b>LED String Lights - Blue (10M)</b> COM-11750 \$9.95
	<b>Circular LED Bargraphs - Blue</b> COM-11492 \$11.95		<b>LED String Lights - Green (10M)</b> COM-11749 \$9.95
	<b>Circular LED Bargraphs - Green</b> COM-11491 \$11.95		<b>LED String Lights - Orange (10M)</b> COM-11753 \$9.95




















	<b>Circular LED Bargraphs - Red</b> COM-10595 \$9.95		<b>LED String Lights - Pink (10M)</b> COM-11754 \$9.95
	<b>Circular LED Bargraphs - Yellow</b> COM-11493 \$10.95		<b>LED String Lights - Purple (10M)</b> COM-11755 \$9.95
	<b>CtrlM - Infrared Transmitter</b> COM-10247 \$21.95		<b>LED String Lights - Red (10M)</b> COM-11747 \$9.95
	<b>EL Inverter - 3v</b> COM-10201 \$9.95		<b>LED String Lights - RGB (10M)</b> COM-11756 \$19.95
	<b>FreeM - Infrared Controller</b> COM-10246 \$21.95		<b>LED String Lights - Warm White (10M)</b> COM-11752 \$9.95
	<b>LED - RGB 5mm Square (Piranha)</b> COM-11679 \$0.95		<b>LED String Lights - White (10M)</b> COM-11751 \$9.95
	<b>LED Holder - 10mm (Chrome Finish)</b> COM-11148 \$0.50		<b>LED String Lights - Yellow (10M)</b> COM-11748 \$9.95
	<b>LED Holder - 5mm (Chrome Finish)</b> COM-11147 \$0.50		<b>MegaBrite - Right-Angle Headers</b> COM-11834 \$9.95
	<b>LED Indicator Light - Red</b> COM-11141 \$0.50		<b>MinM - Miniature BlinkM</b> DEV-09904 \$12.95
	<b>LED Light Bar - Blue</b> COM-00678 \$2.95		<b>PicoBuck LED Driver</b> COM-11850 \$14.95
	<b>LED Light Bar - Green</b> COM-00679 \$2.95		<b>RGB LED Chain - 20 LED Addressable</b> COM-11020 \$34.95
	<b>LED Light Bar - Red (SMD)</b> COM-12015 \$3.95		<b>RGB LED Strip - 30 LED/m - 1m (sale)</b> COM-10261 \$9.95
	<b>LED Light Bar - White (SMD)</b> COM-12014 \$3.95		<b>RGB LED Strip - 60 LED/m - 5m (sale)</b> COM-10260 \$59.95
	<b>LED Matrix - Dual Color - Medium</b> COM-00682 \$6.95		<b>RGB LED Strip - Pigtail Connector (pair) (sale)</b> PRT-11182 \$0.50
	<b>LED Matrix - Dual Color - Small</b> COM-00681 \$4.95		<b>Satellite Module 001</b> COM-10237 \$16.95
	<b>LED Matrix - Serial Interface - Red/Green</b> COM-00759 \$34.95		<b>Serial Alphanumeric Display Driver</b> COM-10103 \$14.95
	<b>LED Matrix - Serial Interface - Red/Green/Blue</b> COM-00760 \$59.95		<b>ShiftBar</b> COM-10238 \$8.95
	<b>LED Matrix - Tri Color - Large</b> COM-00683 \$29.95		<b>ShiftBrite</b> COM-10075 \$4.95

## Components | LEDs | SMD

	<b>7027 "BuckToot" LED Driver Module</b> COM-09642 \$13.95		<b>Luxeon Rebel LED Single Driver</b> COM-09748 \$23.95
	<b>LED - SMD RGB</b> COM-10866 \$0.50		<b>Luxeon Rebel LED Tri-Color Driver</b> COM-09834 \$48.95
	<b>LED - SMD RGB (WS2812)</b> COM-11821 \$0.50		<b>Luxeon Rebel Triple-LED Narrow Lens</b> COM-09733 \$5.95
	<b>Luxeon Rebel High Power LED - Cool White 120lm</b> COM-10178 \$4.95		<b>Luxeon Rebel Triple-LED Wide Lens</b> COM-09732 \$5.95
	<b>Luxeon Rebel High Power LED - Green</b> COM-09636 \$4.95		<b>Luxeon Rebel Wide Optic Lens</b> COM-09641 \$1.95
	<b>Luxeon Rebel High Power LED - Red</b> COM-09634 \$3.95		<b>SMD LED - 0603 Green (strip of 50)</b> COM-11169 \$2.95
	<b>Luxeon Rebel High Power LED - Royal Blue</b> COM-09633 \$4.95		<b>SMD LED - Blue 0603 (strip of 25)</b> PRT-11250 \$6.95
	<b>Luxeon Rebel High Power LED - Warm White</b> COM-09637 \$4.95		<b>SMD LED - Blue 1206 (strip of 25)</b> PRT-12620 \$2.95

	<b>Luxeon Rebel High Power LED Breakout - White</b> BOB-10179 \$5.95		<b>SMD LED - Green 0603 (strip of 25)</b> PRT-11249 \$2.95
	<b>Luxeon Rebel High Power LED Breakout - Green</b> BOB-09657 \$6.95		<b>SMD LED - Green 1206 (strip of 25)</b> PRT-12622 \$4.95
	<b>Luxeon Rebel High Power LED Breakout - Red</b> BOB-09659 \$5.95		<b>SMD LED - Red 0603 (strip of 25)</b> PRT-11248 \$2.95
	<b>Luxeon Rebel High Power LED Breakout - Royal Blue</b> BOB-09655 \$6.95		<b>SMD LED - Red 1206 (strip of 25)</b> PRT-12619 \$2.95
	<b>Luxeon Rebel High Power LED Breakout - Warm White</b> BOB-09656 \$6.95		<b>SMD LED - White 0603 (strip of 25)</b> PRT-11251 \$7.95
	<b>Luxeon Rebel LED Breakout - RGB Triple Play</b> BOB-09738 \$19.95		<b>SMD LED - White 1206 (strip of 25)</b> PRT-12621 \$4.95
	<b>Luxeon Rebel LED Breakout - Warm White Triple Play</b> BOB-09880 \$17.95		<b>Triple Output High Power RGB LED</b> COM-08718 \$14.95
	<b>Luxeon Rebel LED Breakout - White Triple Play</b> BOB-10180 \$19.95		<b>Triple Output LED RGB - SMD</b> COM-07844 \$2.25




**Components | Oscillators**

	<b>Ceramic Resonator 10MHz</b> COM-00541 \$0.95		<b>Crystal 20MHz</b> COM-00534 \$0.95
	<b>Ceramic Resonator 16MHz</b> COM-09420 \$0.95		<b>Crystal 32kHz</b> COM-00540 \$1.50
	<b>Ceramic Resonator 20MHz</b> COM-00092 \$0.95		<b>Crystal 4MHz</b> COM-00539 \$0.95
	<b>Ceramic Resonator 4MHz</b> COM-00543 \$0.95		<b>Crystal 8MHz</b> COM-00538 \$0.95
	<b>Ceramic Resonator 8MHz</b> COM-00542 \$0.95		<b>Crystal Kit</b> COM-11630 \$4.95
	<b>Ceramic Resonator Kit</b> COM-09993 \$2.95		<b>Crystal SMD 12MHz</b> COM-08583 \$0.95
	<b>Crystal 10MHz</b> COM-00535 \$0.95		<b>Crystal SMD 16MHz</b> COM-00094 \$1.50
	<b>Crystal 12MHz</b> COM-08582 \$0.95		<b>Crystal SMD 24MHz</b> COM-08581 \$0.95
	<b>Crystal 14.7456MHz</b> COM-00669 \$0.95		<b>Programmable Oscillator - 16kHz to 133MHz</b> COM-09089 \$2.95
	<b>Crystal 16MHz</b> COM-00536 \$0.95		



















































**Components | PIC Microcontrollers**

	<b>PIC 14 Pin 20MHz 4K 8A/D - 16F688</b> COM-00219 \$2.31		<b>PIC 40 Pin 20MHz 8K 8A/D - 16F877A</b> COM-00226 \$8.95
	<b>PIC 18 Pin 20MHz 2K - 16F628A</b> COM-00216 \$3.18		<b>PIC 40 Pin 48MHz 16K 13A/D USB - 18F4550</b> COM-00233 \$11.39
	<b>PIC 18 Pin 7-A/D 20MHz 4K - 16F88</b> COM-00228 \$4.75		<b>PIC 8 Pin 20MHz 2K 4A/D - 12F683</b> COM-00215 \$2.53
	<b>PIC 18 Pin 8MHz - PIC16F88-I/SO</b> COM-11105 \$2.95		<b>PIC24FJ256DA206-I/PT</b> COM-11700 \$9.95
	<b>PIC 28 Pin 40MHz 32K 10A/D - 18F2520</b> COM-00230 \$9.38		

**Components | PICAXE Microcontrollers**

	<b>PICAXE 08M2 Microcontroller (8 pin)</b> COM-10803 \$2.95		<b>PICAXE 28X1 Microcontroller (28 pin)</b> COM-08352 \$9.95
	<b>PICAXE 14M2 Microcontroller (14 pin)</b> COM-10802 \$3.95		<b>PICAXE 28X2 Microcontroller (28 pin)</b> COM-09195 \$10.95



	<b>PICAXE 18M2+ Microcontroller (18 pin)</b> COM-10187 \$4.95		<b>PICAXE 40X1 Microcontroller (40 pin)</b> COM-08354 \$9.95
	<b>PICAXE 20M2 Microcontroller (20 pin)</b> COM-10807 \$5.95		<b>PICAXE 40X2 Microcontroller (40 pin)</b> COM-09335 \$10.95
<b>Components   SMD ICs</b>			
	<b>16 Channel Multiplexer</b> COM-00299 \$0.95		<b>MP3 and MIDI Codec - VS1063</b> COM-11025 \$9.95
	<b>2.4GHz Transceiver IC - nRF24L01+</b> COM-00690 \$3.50		<b>MP3 Codec IC - VS1011E-L</b> COM-08126 \$19.95
	<b>3-Axis Gyro/Accelerometer IC - MPU-6050</b> SEN-10937 \$12.95		<b>MP3 Codec IC - VS1011E-S</b> COM-08125 \$19.95
	<b>ALS-PT19 Light Sensor</b> SEN-12566 \$0.95		<b>MP3 Codec IC - VS1033D-L</b> COM-08127 \$19.95
	<b>Ambient Light Sensor - TEMT6000</b> COM-08348 \$1.50		<b>MP3/WMA Codec IC - VS1003</b> COM-09398 \$4.95
	<b>Ambient Light Sensor - TEMT6000</b> COM-08348 \$1.50		<b>MPU-6000 - Motion Processing Unit</b> SEN-11234 \$12.95
	<b>Barometric Pressure Sensor - MPL115A1</b> SEN-09602 \$4.95		<b>MSP430 SMD IC</b> COM-11107 \$4.95
	<b>Capacitive Touch Sensor Controller - MPR121QR2</b> COM-09604 \$1.95		<b>Ogg Vorbis Codec IC - VS1000D</b> COM-08300 \$4.95
	<b>Compass 2-Axis Integrated Solution - HMC6352</b> COM-07892 \$29.95		<b>PIC24FJ256DA206-IPT</b> COM-11700 \$9.95
	<b>DataFlash 16Mbit AT45DB161D</b> COM-00301 \$2.95		<b>RS232 Converter SMD - MAX3232</b> COM-00589 \$1.95
	<b>Dual Axis Gyro - IDG1215</b> COM-09071 \$24.50		<b>TCP/IP PHY Embedded Chip - WIZnet W5100</b> COM-09471 \$5.95
	<b>Dual Axis Gyro - LPR503AL - 30 deg/s</b> COM-09446 \$4.95		<b>Thermocouple Amplifier Digital MAX6675</b> COM-00307 \$11.95
	<b>Dual Axis Gyro - LPY503AL - 30 deg/s</b> COM-09447 \$7.95		<b>Transistor Array NPN/PNP with Built-In Resistors - 5pcs</b> COM-00588 \$2.50
	<b>Dual Axis MEMs Gyro - LPR5150AL 1500°/s</b> COM-09421 \$7.95		<b>Triple Axis Accelerometer - ADXL335</b> COM-09265 \$9.95
	<b>H-Bridge Driver - NJM2670E3</b> COM-11782 \$4.95		<b>Triple Axis Accelerometer - ADXL345</b> SEN-09045 \$14.95
	<b>Humidity and Temperature Sensor - SHT15</b> COM-08227 \$28.95		<b>Triple Axis Accelerometer - LIS331HH</b> COM-09755 \$9.95
	<b>IR Receiver - TSOP85</b> SEN-08545 \$2.95		<b>Triple-Axis Accelerometer - MMA7361L</b> COM-09605 \$7.95
	<b>IR Reflectance Sensor - QRE1113</b> COM-09542 \$1.95		<b>Triple-Axis Digital-Output Gyroscope - ITG-3200</b> SEN-09793 \$9.95
	<b>Lithium Ion/Polymer USB Battery Charger IC - MAX1555</b> COM-00674 \$1.95		<b>USB to UART Bridge - FT232RL</b> COM-00650 \$4.50
	<b>LSM303DLH - Tilt Compensated Compass</b> COM-09757 \$6.95		<b>Voltage Detector - NCP303</b> COM-10828 \$0.50
	<b>LSM303DLMTR - Tilt Compensated Compass</b> COM-10731 \$6.95		<b>Voltage Regulator - Adjustable LM1117 SMD</b> COM-00595 \$1.50
	<b>Magnetometer Digital Triple Axis - HMC5843</b> COM-09441 \$5.95		<b>Voltage Regulator - BD10KA5W (500mA)</b> COM-10827 \$0.95
	<b>Magnetometer Digital Triple Axis - HMC5883L</b> COM-10494 \$6.95		<b>Voltage Regulator - High Current LT1528</b> COM-00311 \$7.13
	<b>MP3 and MIDI Codec - VS1053B</b> COM-08892 \$19.95		

## Development Tools

### Development Tools | .NET



**FEZ Hydra Basic Kit**  
DEV-11306 \$99.95



**Netduino Mini**  
DEV-10248 \$29.95



**FEZ Panda II**  
DEV-10749 \$39.95



**Netduino Plus 2**  
DEV-11608 \$59.95



**Netduino 2**  
DEV-11663 \$34.95

### Development Tools | Android



**IOIO-OTG**  
DEV-11343 \$39.95

### Development Tools | ARM



**Electric Imp**  
WRL-11395 \$29.95



**Maple Mini**  
DEV-11280 \$34.95



**Maple**  
DEV-10664 \$44.95



**mbed - LPC1768 (Cortex-M3)**  
DEV-09564 \$49.95

### Development Tools | AVR



**28 Pin AVR Development Board**  
DEV-00029 \$16.95



**AVR Stick**  
DEV-09147 \$9.95



**40 Pin AVR Development Board**  
DEV-00031 \$16.95



**MondoMatrix - XBee Shield**  
DEV-10225 \$29.95



**ATMega128/103 Bare PCB**  
DEV-00036 \$3.95



**Uzebox GameCard Baseboard**  
DEV-09023 \$29.95



**ATmega128RFA1 Development Board**  
DEV-11197 \$49.95



**XMEGA Xprotolab**  
DEV-11643 \$49.95



**ATmega128RFA1 Development Board (Sale)**  
DEV-09734 \$34.95



**XMega100 Breakout**  
BOB-09546 \$24.95



**ATMEGA32U4 Breakout**  
DEV-11117 \$19.95

### Development Tools | Beagle



**Beagleboard xM**  
DEV-09978 \$179.95



**Dog House for the BeagleBoard xM**  
PRT-10034 \$39.95



**BeagleBone**  
DEV-11605 \$89.95

### Development Tools | Chumby



**Chumby Parts - Main Enclosure (refurbished)**  
DEV-09779 \$3.95

### Development Tools | FPGA



**Mojo v3 FPGA Development Board**  
DEV-11953 \$74.95



**Papilio Button LED Wing**  
WIG-11509 \$7.25



**Papilio - Arcade MegaWing**  
DEV-11878 \$24.95



**Papilio One - 500K**  
DEV-11158 \$64.95



**Papilio - LogicStart MegaWing**  
DEV-11879 \$49.95



**Papilio Pro LX9**  
DEV-11838 \$99.95



**Papilio - RetroCade MegaWing**  
DEV-11880 \$74.95



**Papilio VGA Wing**  
WIG-11569 \$11.95



**Papilio Audio Wing**  
WIG-11568 \$6.95

### Development Tools | Gadgeteer



**FEZ Hydra Basic Kit**  
DEV-11306 \$99.95



**Gadgeteer - Motor Driver L298 Module**  
DEV-11613 \$29.95



**Gadgeteer - Accelerometer Module**  
DEV-11618 \$12.95



**Gadgeteer - RFID Reader Module**  
DEV-11614 \$29.95



**Gadgeteer - Cables (10 pack)**  
DEV-11619 \$24.95

## Development Tools | iPod



**iPod Connector Female SMD**  
DEV-08035 \$3.95



**PodBreakout**  
DEV-08295 \$14.95



**iPod Connector Male Style 1**  
DEV-00633 \$3.95



**PodBreakout Mini**  
DEV-10645 \$12.95



**iPod Connector Male Style 2**  
DEV-00704 \$4.95



**PodSocket Breakout**  
DEV-10327 \$14.95



**Nike+iPod Serial to USB Adapter**  
DEV-08245 \$24.95

## Development Tools | Java



**IOIO-OTG**  
DEV-11343 \$39.95

## Development Tools | LPC



**Header board for LPC2148**  
DEV-00676 \$40.95



**mbed - LPC1768 (Cortex-M3)**  
DEV-09564 \$49.95

## Development Tools | mbed



**mbed - LPC1768 (Cortex-M3)**  
DEV-09564 \$49.95



**mbed Application Board**  
DEV-11695 \$59.95

## Development Tools | MSP



**MSP430 SMD IC**  
COM-11107 \$4.95

## Development Tools | pcDuino



**Enclosure for pcDuino/Arduino - Clear**  
PRT-11797 \$7.95



**pcDuino - WiFi Dongle**  
WRL-11713 \$14.95



**Enclosure for pcDuino/Arduino - Extension Plate (Clear)**  
PRT-11798 \$4.95



**pcDuino Lite - Dev Board**  
DEV-12077 \$39.95



**pcDuino - AV Kit**  
DEV-11714 \$39.95



**Webcam - USB**  
SEN-11957 \$15.95



**pcDuino - Dev Board**  
DEV-11712 \$59.95

## Development Tools | PIC



**18 Pin PIC Development Board with Relays**  
DEV-00020 \$33.95



**Olimex ICSP Breakout**  
DEV-08108 \$7.95



**28 Pin PIC Development Board**  
DEV-00018 \$15.95



**Olimex In Circuit Serial Programming Cable**  
DEV-00611 \$1.95



**40 Pin PIC Development Board**  
DEV-00021 \$15.95



**USB 32-Bit Whacker - PIC32MX795 Development Board**  
DEV-09713 \$39.95



**40 Pin PIC Development Board for PIC18F4550 with USB**  
DEV-08562 \$37.95



**USB Bit Whacker - 18F2553 Development Board**  
DEV-00762 \$24.95



**Ethernet Web PIC Development Board**  
DEV-07830 \$51.95



**USB Bit Whacker - 18F2553 PTH Kit**  
DEV-08265 \$24.95

## Development Tools | PICAXE



**PICAXE 18 Pin Standard Project Board**  
DEV-08330 \$9.95



**PICAXE-08M Starter Pack**  
DEV-08323 \$14.95



**PICAXE 8 Pin Proto Kit**  
DEV-08321 \$3.95



**PICAXE-14M Starter Pack**  
DEV-08349 \$12.95



**PICAXE Bread Board Adapter**  
DEV-08331 \$3.95



**PICAXE-18M2 Starter Pack**  
DEV-10188 \$22.95



**Picaxe Robot - BOT120**  
DEV-10170 \$74.95



**PICAXE-28X Starter Pack**  
DEV-08353 \$31.95

## Development Tools | Propeller



**CMUcam v4**  
DEV-10032 \$99.95



**Propeller P8X32A Breakout**  
BOB-11525 \$34.95

## Development Tools | PSoC



**Gainer PSoC Development Board**  
DEV-08480 \$34.95

## Development Tools | Raspberry Pi



**13x2 Pin Female Header**  
PRT-11765 \$1.95



**Raspberry Pi - Model B**  
DEV-11546 \$39.95



**Gertboard**  
DEV-11773 \$52.95



**Raspberry Pi Camera Module**  
DEV-11868 \$29.95



**Pi Tin for the Raspberry Pi - Clear**  
PRT-11623 \$7.95



**Raspberry Pi Display Adapter**  
LCD-12088 \$9.95



**PiFace Digital I/O Expander**  
DEV-11772 \$34.95



**Raspberry Pi Display Module - 3.2" Touchscreen LCD**  
LCD-11743 \$84.95



**Raspberry Pi - GPIO Ribbon Cable (6")**  
CAB-11489 \$2.95



**Raspberry Pi Display Module - 4.3" Touchscreen LCD**  
LCD-11742 \$144.95



**Raspberry Pi - GPIO Shrouded Header (2x13)**  
PRT-11490 \$0.95



**RaspiRobot Board**  
KIT-11561 \$29.95



**Raspberry Pi - Model A**  
DEV-11837 \$29.95

## Development Tools | Roomba



**Roomba Communication Cable - miniDIN 8**  
DEV-08243 \$11.95



**RooTooth - Bluetooth Wireless Roomba Connection**  
DEV-10980 \$99.95

## Development Tools | Wiring



**Wiring Board**  
DEV-09663 \$59.95

## Development Tools | WIZnet



**WIZnet Serial-to-Ethernet Gateway - WIZ110SR**  
DEV-09476 \$29.95



**WIZnet W5100 Network Module with Mag Jack - WIZ811MJ**  
DEV-09473 \$24.95

## Dings and Dents



**Ding and Dent Production Builds - DEV**  
DD-09040 \$5.00



**Ding and Dent Production Builds - WRL**  
DD-09042 \$3.00



**Ding and Dent Production Builds - GPS**  
DD-09041 \$3.00



**Pick and Place Spare Parts Grab Bag**  
DD-10351 \$9.95



**Ding and Dent Production Builds - LCD**  
DD-11415 \$5.00



**Stencils - Ding and Dent**  
DD-10902 \$1.95



**Ding and Dent Production Builds - Other**  
DD-09043 \$1.00



**The Dumpster Dive**  
DD-12012 \$10.00



**Ding and Dent Production Builds - SEN**  
DD-09039 \$5.00

## E-Textiles



**MOSFET Power Controller**  
PRT-11214 \$6.95



**SparkFun Parts Box - LilyPad (magnetic)**  
TOL-11640 \$3.50

## E-Textiles | Aniomagic



**Lightboards - Diamond (5 pack)**  
KIT-10837 \$14.95



**Lightboards - Sapphire (5 pack)**  
KIT-10839 \$14.95



**Lightboards - Emerald (5 pack)**  
KIT-10838 \$14.95



**Sparkle Kit - Diamond**  
KIT-10836 \$19.95



**Lightboards - Rose Quartz (5 pack)**  
KIT-10841 \$14.95



**Sparkle Sound Kit**  
KIT-10842 \$39.95






## E-Textiles | fabrickit

















































**Conductive Ribbon - 3-Conductor (1 yard)**  
DEV-10172 \$4.95



**Fabrickit LED Brick - White**  
DEV-10412 \$2.50

	<b>fabrickit Bare Brick</b> DEV-10296 \$1.50		<b>fabrickit Snap Brick - Female</b> DEV-10298 \$1.95
	<b>fabrickit BrickKit</b> DEV-11811 \$29.95		<b>fabrickit Snap Brick - Male</b> DEV-10297 \$1.95
	<b>fabrickit Coin Cell Brick</b> DEV-11258 \$19.95		

**E-Textiles | LilyPad**

	<b>Firefly Jar Kit</b> KIT-11833 \$19.95		<b>LilyPad LiPower</b> DEV-11260 \$14.95
	<b>LilyPad Accelerometer ADXL335</b> DEV-09267 \$24.95		<b>LilyPad MP3</b> DEV-11013 \$49.95
	<b>LilyPad Arduino 328 Main Board</b> DEV-09266 \$21.95		<b>LilyPad Pixel Board</b> DEV-11891 \$3.95
	<b>LilyPad Arduino Simple Board</b> DEV-10274 \$19.95		<b>LilyPad Power Supply</b> DEV-11259 \$14.95
	<b>LilyPad Arduino SimpleSnap</b> DEV-10941 \$29.95		<b>LilyPad Protoboard Large</b> DEV-09101 \$6.95
	<b>LilyPad Arduino USB - ATmega32U4 Board</b> DEV-11190 \$24.95		<b>LilyPad Protoboard Small</b> DEV-09102 \$1.95
	<b>LilyPad Button Board</b> DEV-08776 \$1.50		<b>LilyPad Rainbow LED (strip of 7 colors)</b> DEV-11842 \$6.95
	<b>LilyPad Buzzer</b> DEV-08463 \$7.95		<b>LilyPad Rainbow LED Panel (5 strips of 7 colors)</b> DEV-11843 \$24.95
	<b>LilyPad Coin Cell Battery Holder - 20mm</b> DEV-10730 \$3.95		<b>LilyPad Simple Power</b> DEV-10085 \$4.95
	<b>LilyPad Coin Cell Battery Holder - Switched - 20mm</b> DEV-11285 \$4.95		<b>LilyPad SimpleSnap Protoboard</b> DEV-10940 \$9.95
	<b>LilyPad FTDI Basic Breakout - 5V</b> DEV-10275 \$14.95		<b>LilyPad Slide Switch</b> DEV-09350 \$3.95
	<b>LilyPad LED Blue (5pcs)</b> DEV-10045 \$4.95		<b>LilyPad Temperature Sensor</b> DEV-08777 \$4.95
	<b>LilyPad LED Green (5pcs)</b> DEV-10046 \$4.95		<b>LilyPad Tri-Color LED</b> DEV-08467 \$7.95
	<b>LilyPad LED Micro - Blue (5pcs)</b> DEV-10755 \$3.95		<b>LilyPad Vibe Board</b> DEV-11008 \$9.95
	<b>LilyPad LED Micro - Green (5pcs)</b> DEV-10756 \$3.95		<b>LilyPad XBee</b> DEV-08937 \$14.95
	<b>LilyPad LED Micro - Red (5pcs)</b> DEV-10754 \$3.95		<b>LilyTiny</b> DEV-10899 \$6.95
	<b>LilyPad LED Micro - White (5pcs)</b> DEV-10753 \$3.95		<b>LilyTwinkle</b> DEV-11364 \$6.95
	<b>LilyPad LED Micro - Yellow (5pcs)</b> DEV-10757 \$3.95		<b>ProtoSnap - LilyPad Development Board</b> DEV-11262 \$59.95
	<b>LilyPad LED Pink (5pcs)</b> DEV-10962 \$4.95		<b>ProtoSnap - LilyPad Development Board Retail</b> RTL-11261 \$59.95
	<b>LilyPad LED Purple (5pcs)</b> DEV-11325 \$4.95		<b>ProtoSnap - LilyPad Development Simple</b> DEV-11201 \$49.95
	<b>LilyPad LED Red (5pcs)</b> DEV-10044 \$4.95		<b>ProtoSnap - LilyPad E-Sewing Kit</b> DEV-11032 \$24.95
	<b>LilyPad LED White (5pcs)</b> DEV-10081 \$4.95		<b>ProtoSnap - LilyPad E-Sewing Kit Retail</b> RTL-11051 \$25.95
	<b>LilyPad LED Yellow (5pcs)</b> DEV-10047 \$4.95		<b>ProtoSnap - LilyTwinkle</b> DEV-11590 \$19.95





**LilyPad Light Sensor**  
DEV-08464 \$7.95

## E-Textiles | Materials



**BarePaint - Conductive Paint (50ml)**  
COM-10994 \$24.95



**Conductive Thread Bobbin - 30ft (Stainless Steel)**  
DEV-10867 \$2.95



**BarePaint - Conductive Pen (10ml)**  
COM-11521 \$9.95



**Fabric Button Pad - 5 Buttons**  
COM-11813 \$19.95



**Coin Cell Battery Holder - 20mm (Sewable)**  
DEV-08822 \$1.25



**Fiber Optic Fabric - White (40x75 cm)**  
COM-11594 \$39.95



**Conductive Fabric - 12"x13" MedTex130**  
DEV-10070 \$29.95



**Heating Pad - 5x10cm**  
COM-11288 \$3.95



**Conductive Fabric - 12"x13" MedTex180**  
DEV-10055 \$19.95



**Heating Pad - 5x15cm**  
COM-11289 \$4.95



**Conductive Fabric - 12"x13" Ripstop**  
DEV-10056 \$9.95



**LilyPad Prototyping Stickers - Development Board**  
DEV-11211 \$1.95



**Conductive Ribbon - 3-Conductor (1 yard)**  
DEV-10172 \$4.95



**LilyPad Prototyping Stickers - E-Sewing Kit**  
DEV-11209 \$1.95



**Conductive Ribbon - 4-Conductor (Connector)**  
PRT-11681 \$1.50



**Magnetic Snap 18mm**  
DEV-08682 \$1.95



**Conductive Ribbon - 4-Conductor, Insulated (1 yard)**  
DEV-11680 \$5.25



**Needle Set**  
TOL-10405 \$1.95



**Conductive Stainless Fiber - 1oz**  
DEV-10868 \$5.95



**Snap Assortment - 30 pack (male and female)**  
DEV-11347 \$2.95



**Conductive Thread (Extra Thick) - 50'**  
DEV-10119 \$23.95



**Thermochromatic Pigment - Black (20g)**  
COM-11558 \$12.95



**Conductive Thread (Thick) - 50'**  
DEV-10120 \$10.95



**Thermochromatic Pigment - Bright Yellow (20g)**  
COM-11557 \$12.95



**Conductive Thread (Thin) - 50'**  
DEV-10118 \$8.95



**Thermochromatic Pigment - Red (20g)**  
COM-11555 \$12.95



**Conductive Thread - 60g (Stainless Steel)**  
DEV-11791 \$39.95



**Thermochromatic Pigment - Sapphire Blue (20g)**  
COM-11556 \$12.95

## Educators



**Hack Pack Workshop Supply Kit**  
LAB-11480 \$425.00



**SparkFun Inventor's Kit Lab Pack**  
LAB-11956 \$1,250.00



**LilyPack Lab Pack**  
LAB-11762 \$600.00



**SparkFun Inventor's Kit Parts Refill Pack**  
LAB-11479 \$24.95



**Simon Lab Pack**  
LAB-11030 \$500.00



**Sparkfun Inventor's Kit uSolder Lab Pack**  
LAB-10970 \$1,250.00

## GPS

### GPS | Antennas



**Antenna GPS 3V Magnetic Mount MCX**  
GPS-08254 \$12.95



**GeoHelix GPS Antenna**  
GPS-09871 \$22.95



**Antenna GPS 3V Magnetic Mount SMA**  
GPS-00464 \$12.95



**Interface Cable MMCX to SMA**  
GPS-00285 \$8.95



**Antenna GPS Chip-Scale**  
GPS-09131 \$1.50



**Interface Cable MMCX to SMA**  
GPS-00285 \$8.95



**Antenna GPS Embedded SMA**  
GPS-00177 \$11.95



**Interface Cable SMA to Lassen IQ Hirose HFL**  
GPS-00174 \$8.95

### GPS | Eval Boards



**Copernicus II DIP Module**  
GPS-11858 \$74.95



**UDB5 - PIC UAV Development Board**  
GPS-11703 \$79.95



**GP-2106 Evaluation Board**  
GPS-10995 \$9.95



**Venus GPS Logger with SMA Connector**  
GPS-10920 \$59.95



**SiGe GN3S Sampler v3**  
GPS-10981 \$449.95



**Venus GPS with SMA Connector**  
GPS-11058 \$49.95

## GPS | Modules



**12 Channel Copernicus II GPS Receiver**  
GPS-10922 \$44.95



**Connector Horizontal SMD for EB-85A**  
GPS-08297 \$1.95



**14 Channel 20Hz GPS Receiver - Venus638FLPx-L**  
GPS-10919 \$39.95



**Connector Vertical SMD for EM408**  
GPS-08288 \$1.95



**20 Channel EM-406A SiRF III Receiver with Antenna**  
GPS-00465 \$39.95



**Interface Cable - GP-2106**  
GPS-10896 \$1.50



**20 Channel EM-408 SiRF III Receiver with Antenna/MMCX**  
GPS-08234 \$64.95



**Interface Cable for EM408 - 1 Foot**  
GPS-09129 \$2.95



**48 Channel GP-2106 SiRF IV GPS Receiver**  
GPS-10890 \$49.95



**JST SH Jumper 6 Wire - 1 Foot**  
GPS-09123 \$2.95



**50 Channel GP-635T GPS Receiver**  
GPS-11571 \$39.95



**JST SH Jumper 6 Wire - 1.75"**  
GPS-00574 \$1.95



**50 Channel GS406 Helical GPS Receiver - SMD Connector**  
GPS-09079 \$1.25



**JST SH Vertical 6-Pin Connector - SMD**  
GPS-00579 \$1.95



**50 Channel GS407 Helical GPS Receiver**  
GPS-11466 \$89.95



**Lassen IQ SMD Mating Header**  
GPS-00170 \$0.25



**66 Channel LS20031 GPS 5Hz Receiver**  
GPS-08975 \$59.95



**Ribbon Connector - GP-2106**  
GPS-11010 \$1.50



**66 Channel LS20031 GPS 5Hz Receiver Retail**  
RTL-09891 \$60.95



**SiGe GN3S Sampler v3**  
GPS-10981 \$449.95

## Kits



**"Uh-oh" Battery Level Indicator Kit**  
KIT-11087 \$5.95



**Lectro Candle Kit**  
KIT-09563 \$14.95



**Arduino ProtoShield Kit**  
DEV-07914 \$9.95



**LED Cube 3x3x3**  
KIT-09867 \$69.95



**Arduino ProtoShield Kit Retail**  
RTL-09900 \$17.95



**littleBits Starter Kit v0.3**  
KIT-11532 \$89.95



**Audio Amplifier Kit - STA540**  
KIT-09612 \$29.95



**littleBits Teaser Kit**  
KIT-11715 \$29.95



**BarePaint - Greeting Card Kit**  
COM-11522 \$19.95



**LogicBlocks Kit**  
KIT-11006 \$39.95



**BarePaint - House Kit**  
COM-11523 \$19.95



**Max Power IR LED Kit**  
KIT-10732 \$2.95



**Beefcake Relay Control Kit**  
KIT-11042 \$7.95



**MegaShield Kit for Arduino**  
DEV-09346 \$17.95



**Beginning Embedded Electronics - Power Supply Kit**  
KIT-08373 \$30.30



**Metro-Gnome**  
KIT-09236 \$14.95



**Benchtop Power Board Kit**  
KIT-09774 \$19.95



**MintyBoost 3.0 Kit**  
KIT-10094 \$19.95



**BigTime Watch Kit**  
KIT-11734 \$29.95



**Mr. Roboto Kit**  
KIT-11257 \$39.95



**Bleep Drum Kit**  
KIT-11606 \$59.95



**Multimeter Kit**  
KIT-10956 \$24.95



**Botanicalls Kit**  
KIT-10334 \$99.95



**Photopopper Photovore**  
ROB-09554 \$35.95



**BWSN Advanced Kit**  
KIT-10725 \$299.95



**Power Driver Shield Kit**  
DEV-10618 \$19.95



**BWSN Basics Kit**  
KIT-10413 \$115.95
































**ProtoSnap - LilyPad E-Sewing Kit**  
DEV-11032 \$24.95



**Capacitance Meter DIY Kit**  
KIT-09485 \$13.95






















**Qtechknow ArduSensor Learning Kit**  
KIT-11470 \$54.95


































	<b>Clockit</b> KIT-10930 \$24.95		<b>RedBoard - PCB Add-on for Breadboard Kit</b> DEV-10909 \$14.95
	<b>Digital Oscilloscope DIY Kit</b> KIT-09484 \$59.95		<b>RedBoard - PTH Kit</b> DEV-10908 \$24.95
	<b>Electronic Dice Kit</b> KIT-10212 \$19.95		<b>Serial Enabled LCD Kit</b> LCD-10097 \$24.95
	<b>FabFM Radio Kit</b> KIT-11043 \$69.95		<b>Simon - Surface Mount Stenciling Kit</b> KIT-10861 \$54.95
	<b>Firefly Jar Kit</b> KIT-11833 \$19.95		<b>Simon Says - Surface Mount Soldering Kit</b> KIT-10935 \$24.95
	<b>Frequency Counter Kit</b> KIT-10140 \$29.95		<b>Simon Says - Through-Hole Soldering Kit</b> KIT-10547 \$24.95
	<b>Frequency Generator Kit - FG085</b> KIT-11394 \$49.95		<b>Solder : Time II Watch Kit</b> KIT-11488 \$59.95
	<b>Herbie Kit - Black</b> ROB-09549 \$39.95		<b>Solid State Relay Kit</b> KIT-10684 \$19.95
	<b>Herbie Kit - Red</b> ROB-09548 \$39.95		<b>SparkFun Inventor's Kit - V3</b> KIT-11576 \$99.95
	<b>ISP Pogo Adapter</b> KIT-11591 \$9.95		<b>Starter Kit for RedBoard - Programmed with Arduino</b> DEV-11930 \$49.95
	<b>Larson Scanner Kit - 10mm Diffused LEDs</b> KIT-11365 \$12.95		<b>Terror-Min</b> KIT-09206 \$9.95
	<b>Learn to Solder - BigTime</b> KIT-11210 \$49.95		<b>tinyCylon Kit</b> KIT-09286 \$9.95
	<b>Learn to Solder - BigTime (EU edition, 230VAC)</b> KIT-11653 \$49.95		<b>Tri-Color LED Breakout Kit</b> KIT-11588 \$9.95
	<b>Learn to Solder - Simon Says</b> KIT-11202 \$44.95		<b>WeevilEye - Beginner Soldering Kit</b> KIT-10723 \$9.95
	<b>Learn to Solder - Simon Says (EU edition, 230VAC)</b> KIT-11652 \$44.95		

## LCDs

### LCDs | Color

	<b>Arduino Display Module - 4.3" Touchscreen LCD</b> LCD-11740 \$144.95		<b>PICASO Universal Base Board</b> DEV-08540 \$24.95
	<b>arLCD - 3.5" Touchscreen</b> DEV-11925 \$89.95		<b>Serial Miniature LCD Module - 1.44" (uLCD-144-G2 GFX)</b> LCD-11377 \$31.95
	<b>Color 24-Bit LCD 4.3" PSP 480x272</b> LCD-08335 \$39.95		<b>Serial Miniature OLED Module - 0.96" (uOLED-96-G2 GFX)</b> LCD-11315 \$39.95
	<b>Color 24-Bit LCD 4.3" PSP Connector</b> LCD-08355 \$1.95		<b>Serial Miniature OLED Module - 1.5" (uOLED-128-G2-GFX)</b> LCD-11676 \$49.95
	<b>Color 24-Bit LCD 4.3" PSP Touch Screen Connector</b> LCD-09104 \$0.25		<b>Serial Miniature OLED Module - 1.7" (uOLED-160-G2)</b> LCD-11691 \$59.95
	<b>Color LCD - Breakout Board</b> LCD-11062 \$34.95		<b>Serial TFT LCD - 3.2" with Touchscreen (uLCD-32PTU-GFX)</b> LCD-11677 \$84.95
	<b>Color LCD - SMD Connector</b> LCD-00570 \$1.95		<b>Serial TFT LCD 4.3" with Touchscreen - uLCD43</b> LCD-11075 \$139.95
	<b>Color LCD 128x128 Nokia Knock-Off</b> LCD-00569 \$14.95		<b>Transparent OLED Module - 2" (uTOLED-20-G2)</b> LCD-11788 \$179.95
	<b>LCD Monitor - 7" HDMI</b> LCD-11612 \$139.95		<b>USB-to-Serial Bridge - µUSB-PA5</b> DEV-11814 \$24.95
	<b>PICASO 1/4 VGA-III - Graphics Controller</b> DEV-11767 \$54.95		

### LCDs | Monochrome







	<b>Basic 16x2 Character LCD - Amber on Black 3.3V</b> LCD-09054 \$14.95		<b>Nintendo DS Touch Screen</b> LCD-08977 \$9.95
	<b>Basic 16x2 Character LCD - Black on Green 3.3V</b> LCD-09053 \$13.95		<b>Nintendo DS Touch Screen Connector</b> LCD-09105 \$0.95
	<b>Basic 16x2 Character LCD - Black on Green 5V</b> LCD-00255 \$13.95		<b>Nintendo DS Touch Screen Connector Breakout</b> BOB-09170 \$3.95
	<b>Basic 16x2 Character LCD - Red on Black 3.3V</b> LCD-09051 \$14.95		<b>Serial Enabled 16x2 LCD - Amber on Black 3.3V</b> LCD-09069 \$24.95
	<b>Basic 16x2 Character LCD - Red on Black 5V</b> LCD-00791 \$14.95		<b>Serial Enabled 16x2 LCD - Black on Green 3.3V</b> LCD-09066 \$24.95
	<b>Basic 16x2 Character LCD - RGB Backlight 5V</b> LCD-10862 \$14.95		<b>Serial Enabled 16x2 LCD - Black on Green 5V</b> LCD-09393 \$24.95
	<b>Basic 16x2 Character LCD - White on Black 3.3V</b> LCD-09052 \$14.95		<b>Serial Enabled 16x2 LCD - Red on Black 3.3V</b> LCD-09068 \$24.95
	<b>Basic 16x2 Character LCD - White on Black 5V</b> LCD-00709 \$15.95		<b>Serial Enabled 16x2 LCD - Red on Black 5V</b> LCD-09394 \$24.95
	<b>Basic 16x2 Character LCD - Yellow on Blue 5V</b> LCD-00790 \$14.95		<b>Serial Enabled 16x2 LCD - White on Black 3.3V</b> LCD-09067 \$24.95
	<b>Basic 16x2 Character OLED - Yellow on Black</b> LCD-11987 \$24.95		<b>Serial Enabled 16x2 LCD - White on Black 5V</b> LCD-09395 \$24.95
	<b>Basic 20x4 Character LCD - Black on Green 5V</b> LCD-00256 \$17.95		<b>Serial Enabled 16x2 LCD - Yellow on Blue 5V</b> LCD-09396 \$24.95
	<b>Basic 8x2 Character LCD - Black on Green 3.3V</b> LCD-11708 \$9.95		<b>Serial Enabled 20x4 LCD - Black on Green 5V</b> LCD-09568 \$29.95
	<b>Basic 8x2 Character LCD - Black on Green 5V</b> LCD-11122 \$9.95		<b>Serial Enabled LCD Backpack</b> LCD-00258 \$16.95
	<b>Graphic LCD 128x64 STN LED Backlight</b> LCD-00710 \$19.95		<b>Serial Graphic LCD 128x64</b> LCD-09351 \$34.95
	<b>Graphic LCD 160x128 Huge</b> LCD-08799 \$49.95		<b>Serial Graphic LCD 160x128</b> LCD-08884 \$69.95
	<b>Graphic LCD 84x48 - Nokia 5110</b> LCD-10168 \$9.95		<b>Serial LCD with Cable - Retail</b> RTL-09877 \$26.95
	<b>Graphic LCD Serial Backpack</b> LCD-09352 \$19.95		

## Programmiers




### Programmiers | ARM

	<b>JTAG USB OCD Programmer/Debugger for ARM processors</b> PGM-07834 \$71.95		<b>LPC Serial Port Boot Loader Interface</b> PGM-00714 \$17.95
	<b>JTAG USB OCD Tiny - Programmer/Debugger for ARM processors</b> PGM-08278 \$51.95		

### Programmiers | AVR

	<b>AVR Programming Cable</b> DEV-09215 \$1.95		<b>Pocket AVR Programmer</b> PGM-09825 \$14.95
	<b>AVR STK Serial Port Dongle Programmer</b> PGM-00014 \$12.95		<b>STK500 Compatible USB Programmer</b> PGM-08702 \$47.95
	<b>ISP Pogo Adapter</b> KIT-11591 \$9.95		<b>Tiny AVR Programmer</b> PGM-11460 \$19.95

### Programmiers | PIC

	<b>MPLAB Compatible Mini USB PIC Programmer</b> PGM-09667 \$49.95		<b>MPLAB PICkit 3</b> PGM-09973 \$49.95
	<b>MPLAB Compatible USB PIC Programmer</b> PGM-09671 \$69.95		

### Programmiers | PICAXE



**PICAXE Serial Programming Cable**  
PGM-08313 \$5.95



**SparkFun USB Programmer for PICAXE**  
PGM-09260 \$14.95



**PICAXE USB Programming Cable**  
PGM-08312 \$25.95

## Prototyping



**Theragrip Thermal Tape**  
PRT-09771 \$3.95

## Prototyping | Batteries



**"Uh-oh" Battery Level Indicator Kit**  
KIT-11087 \$5.95



**Coin Cell Battery Holder Breakout - 24.5mm (PTH)**  
BOB-10495 \$2.95



**1500 mAh Alkaline Battery - AA**  
PRT-09100 \$0.50



**Cubelets - Battery Charger**  
TOL-11344 \$14.95



**2500 mAh NiMH Battery - AA**  
PRT-00335 \$2.95



**Li-Ion/Polymer Battery Charger/Balancer - 50W, 5A**  
PRT-10473 \$32.95



**5V DC to DC Step Up - 1xAA**  
PRT-08248 \$10.95



**LiPo Charger Basic - Micro-USB**  
PRT-10217 \$7.95



**5V DC to DC Step Up - 2xAA**  
PRT-08249 \$10.95



**LiPo Charger Basic - Mini-USB**  
PRT-10401 \$7.95



**5V DC to DC Step Up - VPack PCB**  
PRT-08290 \$9.95



**LiPo Fuel Gauge**  
TOL-10617 \$9.95



**750 mAh Alkaline Battery - AAA**  
PRT-09274 \$0.50



**LiPoly Fast Charger - 5V Input**  
PRT-08293 \$19.95



**9V Alkaline Battery**  
PRT-10218 \$1.95



**LiPower - Boost Converter**  
PRT-10255 \$14.95



**9V Battery Holder**  
PRT-10512 \$2.95



**Lithium Polymer USB Charger and Battery - Retail**  
RTL-09876 \$24.95



**9V Li-ion Rechargeable Battery - 350mAh**  
PRT-10053 \$4.95



**NCP1402-3.3V Step-Up Breakout**  
PRT-10967 \$5.95



**9V Snap Connector**  
PRT-00091 \$1.25



**NCP1402-5V Step-Up Breakout**  
PRT-10968 \$5.95



**Battery Charger 4 Bay - NiMH**  
PRT-10052 \$7.95



**Polymer Lithium Ion Battery - 1000mAh**  
PRT-00339 \$11.95



**Battery Holder - 1xAA**  
PRT-07949 \$0.95



**Polymer Lithium Ion Battery - 1000mAh 7.4v**  
PRT-11855 \$5.95



**Battery Holder - 4xAA Cube**  
PRT-00550 \$1.95



**Polymer Lithium Ion Battery - 1000mAh 7.4v (Sale)**  
PRT-10472 \$4.95



**Battery Holder - 4xAA Drawer (Panel Mount)**  
PRT-11369 \$12.95



**Polymer Lithium Ion Battery - 110mAh**  
PRT-00731 \$6.95



**Battery Holder - 4xAA Rectangle**  
PRT-00551 \$1.95



**Polymer Lithium Ion Battery - 1500mAh 11.1v**  
PRT-10470 \$12.95



**Battery Holder - 4xAA Square**  
PRT-00552 \$1.95



**Polymer Lithium Ion Battery - 2000mAh**  
PRT-08483 \$16.95



**Battery Holder - 4xAA to Barrel Jack Connector**  
PRT-09835 \$2.49



**Polymer Lithium Ion Battery - 2200mAh 7.4v**  
PRT-11856 \$13.95



**Battery Holder - 9V Drawer (Panel Mount)**  
PRT-11368 \$4.95



**Polymer Lithium Ion Battery - 2200mAh 7.4v (Sale)**  
PRT-10471 \$11.95



**Battery Holder 2xAA with Cover and Switch**  
PRT-09547 \$1.50



**Polymer Lithium Ion Battery - 400mAh**  
PRT-10718 \$7.95



**Battery Holder 2xAA with Cover and Switch - JST Connector**  
PRT-09925 \$1.50



**Polymer Lithium Ion Battery - 40mAh**  
PRT-11316 \$3.95



**Battery Holder 2xAAA with Cover and Switch**  
PRT-09543 \$1.50



**Polymer Lithium Ion Battery - 500mAh 7.4v**  
PRT-10500 \$4.95




















**Battery Holder 3xAA with Cover and Switch**  
PRT-10891 \$1.95

























**Polymer Lithium Ion Battery - 6Ah**  
PRT-08484 \$39.95































































	<b>Button Cell Battery - 11.6mm (LR44)</b> PRT-11305 \$0.95		<b>Polymer Lithium Ion Battery - 850mAh</b> PRT-00341 \$8.95
	<b>Coin Cell Battery - 12mm (CR1225)</b> PRT-00337 \$1.95		<b>Power Cell - LiPo Charger/Booster</b> PRT-11231 \$19.95
	<b>Coin Cell Battery - 20mm (CR2025)</b> PRT-11928 \$0.95		<b>Solar Charger and Battery Pack - 3500mAh</b> PRT-11496 \$24.95
	<b>Coin Cell Battery - 20mm (CR2032)</b> PRT-00338 \$1.95		<b>USB Battery Pack - 1000 mAh</b> PRT-11358 \$14.95
	<b>Coin Cell Battery - 24.5mm (Rechargeable CR2450)</b> PRT-10319 \$2.95		<b>USB Battery Pack - 2000 mAh</b> PRT-11359 \$19.95
	<b>Coin Cell Battery Holder - 12mm (PTH)</b> PRT-07948 \$1.50		<b>USB Battery Pack - 6600 mAh</b> PRT-11360 \$29.95
	<b>Coin Cell Battery Holder - 12mm (SMD)</b> PRT-10592 \$0.95		<b>USB LiPoly Charger - Single Cell</b> PRT-10161 \$14.95
	<b>Coin Cell Battery Holder - 20mm (PTH)</b> PRT-00783 \$1.50		<b>Wake on Shake</b> SEN-11447 \$24.95
	<b>Coin Cell Battery Holder - 24.5mm (PTH)</b> PRT-08863 \$0.95		























































## Prototyping | Boards

























	<b>Breadboard - Classic</b> PRT-00112 \$9.95		<b>ProtoBoard - Penta-shape</b> PRT-08847 \$1.50
	<b>Breadboard - Mini Modular (Black)</b> PRT-12047 \$3.95		<b>ProtoBoard - Rectangle 3"</b> PRT-08815 \$4.50
	<b>Breadboard - Mini Modular (Blue) (Sale)</b> PRT-11660 \$3.95		<b>ProtoBoard - Rectangle Wired 3"</b> PRT-08812 \$4.50
	<b>Breadboard - Mini Modular (Green)</b> PRT-12046 \$3.95		<b>ProtoBoard - Round 1"</b> PRT-08809 \$2.95
	<b>Breadboard - Mini Modular (Red)</b> PRT-12044 \$3.95		<b>ProtoBoard - Round 2"</b> PRT-08810 \$2.95
	<b>Breadboard - Mini Modular (White)</b> PRT-12043 \$3.95		<b>ProtoBoard - Round 4"</b> PRT-08813 \$5.95
	<b>Breadboard - Mini Modular (White) (Sale)</b> PRT-11658 \$3.95		<b>ProtoBoard - Square 1" Double Sided</b> PRT-08814 \$2.50
	<b>Breadboard - Small Self-Adhesive</b> PRT-00137 \$5.95		<b>ProtoBoard - Square 1" Single Sided</b> PRT-08808 \$1.50
	<b>Breadboard - Translucent Self-Adhesive (Clear)</b> PRT-09567 \$4.95		<b>ProtoBoard - Square 2"</b> PRT-08811 \$2.95
	<b>Breadboard - Translucent Self-Adhesive (Red)</b> PRT-11317 \$4.95		<b>ProtoBoard - Square Shape</b> PRT-08886 \$0.50
	<b>myDAQ Protoboard Kit</b> DEV-10705 \$29.95		<b>ProtoBoard - Triangle Shape</b> PRT-08887 \$1.50
	<b>ProtoBoard - Bandicoot (SMD)</b> PRT-08708 \$9.95		<b>ProtoBoard - Wombat (PTH)</b> PRT-08619 \$9.95
	<b>ProtoBoard - Hex Shape</b> PRT-08885 \$1.95		<b>ProtoBoard TQFP44 0.8mm Pitch</b> PRT-08879 \$4.50
	<b>ProtoBoard - Koala (USB+PTH)</b> PRT-10614 \$19.95		

## Prototyping | Connectors





























	<b>13x2 Pin Female Header</b> PRT-11765 \$1.95		<b>JST SH Horizontal 6-Pin Connector - SMD</b> PRT-10210 \$0.95
	<b>25 Pin Male Solder Cup DB25</b> PRT-08287 \$0.95		<b>JST Vertical Connector</b> PRT-08613 \$0.95
	<b>2mm 10pin XBee Header</b> PRT-10112 \$0.95		<b>Jumper - 2 Pin</b> PRT-09044 \$0.35

	<b>2x3 Pin Shrouded Header</b> PRT-10877 \$1.50		<b>Mating connector for Dust Sensor Connector Housing</b> PRT-09693 \$1.50
	<b>2x5 AVR ICSP Male Header</b> PRT-00778 \$0.95		<b>Mating Connector Housing for Dust Sensor</b> PRT-09690 \$0.35
	<b>2x5 Pin IDC Ribbon Cable</b> PRT-08535 \$1.50		<b>MIDI Connector - Female Right Angle</b> PRT-09536 \$1.95
	<b>2x5 Pin Shrouded Header</b> PRT-08506 \$1.50		<b>MiniDIN 6-Pin Connector</b> PRT-08509 \$0.95
	<b>4 Pin Molex Connector - Pigtail</b> TOL-11298 \$0.95		<b>MiniDIN 6-Pin Connector Breakout</b> PRT-08651 \$0.95
	<b>4 Pin Molex Connector - Right Angle</b> TOL-11297 \$0.95		<b>MiniDIN 7-Pin Connector</b> PRT-00696 \$0.25
	<b>4 Pin Molex Connector - Straight</b> TOL-11300 \$0.95		<b>OBD-II connector</b> DEV-09911 \$3.95
	<b>5-Pin Mini ICSP Connector</b> PRT-11264 \$0.25		<b>Pogo Pin w/ Chiseled Tip</b> PRT-08870 \$1.95
	<b>6 Pin Right Angle Female Header</b> PRT-09429 \$0.95		<b>Pogo Pin w/ Concave Tip</b> PRT-10114 \$1.95
	<b>6-Pin Chassis Connector - Panel Mount (male and female)</b> PRT-11475 \$2.95		<b>Pogo Pin w/ Pointed Tip</b> PRT-09174 \$0.95
	<b>9 Pin Female Serial Connector - PCB Mount</b> PRT-00429 \$1.50		<b>Pogo Pin w/ Round Tip</b> PRT-09173 \$0.95
	<b>9 Pin Female Serial Connector - Solder Cup</b> PRT-00110 \$0.95		<b>Polarized Connectors - Crimp Pins</b> PRT-08100 \$1.95
	<b>9 Pin Serial Solder Cup Housing</b> PRT-08124 \$0.95		<b>Polarized Connectors - Header (2-Pin)</b> PRT-08233 \$0.45
	<b>Arduino Offset Header - 8 Pin</b> PRT-09374 \$1.25		<b>Polarized Connectors - Header (3-Pin)</b> PRT-08232 \$0.45
	<b>Arduino Stackable Header - 10 Pin</b> PRT-11376 \$0.50		<b>Polarized Connectors - Header (4-Pin)</b> PRT-08231 \$0.45
	<b>Arduino Stackable Header - 6 Pin</b> PRT-09280 \$0.50		<b>Polarized Connectors - Header (5-Pin)</b> PRT-08230 \$0.45
	<b>Arduino Stackable Header - 8 Pin</b> PRT-09279 \$0.50		<b>Polarized Connectors - Header (6-Pin)</b> PRT-08094 \$0.45
	<b>Arduino Stackable Header Kit</b> PRT-10007 \$1.50		<b>Polarized Connectors - Housing (2-Pin)</b> PRT-08095 \$0.45
	<b>Arduino Stackable Header Kit - R3</b> PRT-11417 \$1.50		<b>Polarized Connectors - Housing (3-Pin)</b> PRT-08096 \$0.45
	<b>ATX Power Supply Connector - Right Angle</b> PRT-09498 \$1.95		<b>Polarized Connectors - Housing (4-Pin)</b> PRT-08097 \$0.45
	<b>ATX Power Supply Connector - Straight</b> PRT-09497 \$1.50		<b>Polarized Connectors - Housing (5-Pin)</b> PRT-08098 \$0.45
	<b>Audio Adapter - 1/4" to 3.5 mm Stereo</b> COM-11149 \$0.50		<b>Polarized Connectors - Housing (6-Pin)</b> PRT-08099 \$0.45
	<b>Audio Adapter - 3.5 mm to 1/4" Stereo</b> COM-11150 \$0.50		<b>Quick Disconnect - Assortment (100 total)</b> PRT-11487 \$7.95
	<b>Audio Jack - 1/4" Stereo (right angle)</b> COM-11144 \$0.95		<b>Quick Disconnect - Female 1/4" (bag of 50)</b> PRT-11461 \$3.95
	<b>Audio Jack - 1/4" Stereo (vertical)</b> COM-11152 \$0.95		<b>Quick Disconnect - Female 1/5" (bag of 50)</b> PRT-11463 \$3.95
	<b>Audio Jack - 3.5mm (Panel Mount)</b> COM-11154 \$0.50		<b>Quick Disconnect - Male 1/4" (bag of 50)</b> PRT-11462 \$3.95
	<b>Audio Jack 3.5mm</b> PRT-08032 \$1.50		<b>Quick Disconnect - Male 1/5" (bag of 50)</b> PRT-11464 \$3.95

	<b>Audio Jack Breakout</b> PRT-10588 \$0.95		<b>RCA Jack</b> PRT-08631 \$0.95
	<b>Audio Plug - 3.5mm</b> COM-11143 \$0.50		<b>RCA Jack Breakout</b> PRT-08826 \$0.95
	<b>Binding Post - Black</b> PRT-09740 \$0.35		<b>Ribbon Crimp Connector - 10-pin (2x5, Female)</b> PRT-10650 \$0.50
	<b>Binding Post - Red</b> PRT-09739 \$0.35		<b>Ribbon Crimp Connector - 6-pin (2x3, Female)</b> PRT-10651 \$0.35
	<b>BNC Connector</b> PRT-00672 \$3.95		<b>Ribbon Crimp Connector - Breadboard Friendly (2x5, Female)</b> PRT-10965 \$0.95
	<b>BNC Connector - Right Angle</b> PRT-10550 \$1.95		<b>RJ11 6-Pin Connector</b> PRT-00132 \$1.25
	<b>Break Away Female Headers - Swiss Machine Pin</b> PRT-00743 \$3.95		<b>RJ45 8-Pin Connector</b> PRT-00643 \$1.50
	<b>Break Away Headers - Long</b> PRT-10158 \$2.95		<b>RJ45 Ethernet MagJack Breakout</b> PRT-08790 \$0.95
	<b>Break Away Headers - Machine Pin</b> PRT-00117 \$2.95		<b>RJ45 Ethernet MagJack-Compatible</b> PRT-08534 \$1.95
	<b>Break Away Headers - Right Angle 3x40</b> COM-10095 \$4.95		<b>RJ45 Ethernet MagJack-Compatible</b> PRT-08534 \$1.95
	<b>Break Away Headers - Straight</b> PRT-00116 \$1.50		<b>ScreenKey Mating Connector</b> PRT-09586 \$1.95
	<b>Break Away Male Headers - Right Angle</b> PRT-00553 \$1.95		<b>Screw Terminals 2.54mm Pitch (2-Pin)</b> PRT-10571 \$0.75
	<b>Car Adapter Plug - Red LED</b> PRT-11474 \$1.50		<b>Screw Terminals 3.5mm Pitch (2-Pin)</b> PRT-08084 \$0.95
	<b>Connector 1.0mm Horizontal - 2 pin</b> PRT-10206 \$0.95		<b>Screw Terminals 3.5mm Pitch (3-Pin)</b> PRT-08235 \$0.95
	<b>Connector 1.0mm Horizontal - 3 pin</b> PRT-10207 \$0.95		<b>Screw Terminals 5mm Pitch (2-Pin)</b> PRT-08432 \$0.95
	<b>Connector 1.0mm Horizontal - 4 pin</b> PRT-10208 \$0.95		<b>Screw Terminals 5mm Pitch (3-Pin)</b> PRT-08433 \$0.95
	<b>Connector 1.0mm Horizontal - 5 pin</b> PRT-10209 \$0.95		<b>Serial Connector - Ribbon Cable (Female, 9-pin)</b> PRT-11157 \$1.95
	<b>Connector for e-paper display</b> PRT-10151 \$0.95		<b>Serial Connector - Ribbon Cable (Male, 9-pin)</b> PRT-11156 \$1.95
	<b>Crimp Pins for 1.5mm Pitch Housing</b> PRT-09644 \$0.10		<b>Solderless Headers - 10-pin Straight</b> PRT-10527 \$1.50
	<b>Crimp Pins for Dust Sensor Connector</b> PRT-09728 \$0.10		<b>Speaker Terminal - 4 Spring</b> COM-11145 \$0.75
	<b>DC Barrel Jack - Panel Mount</b> PRT-10785 \$2.95		<b>Spring Connectors (pack of 10)</b> PRT-11822 \$1.95
	<b>DC Barrel Jack Adapter - Breadboard Compatible</b> PRT-10811 \$0.95		<b>Spring Terminals - PCB Mount (2-Pin)</b> PRT-08073 \$1.50
	<b>DC Barrel Jack Plug - Male</b> PRT-11476 \$0.95		<b>Spring Terminals - PCB Mount (3-Pin)</b> PRT-08074 \$1.50
	<b>DC Barrel Power Jack/Connector</b> PRT-00119 \$1.25		<b>Spring Terminals - PCB Mount (3-pin, right-angle)</b> PRT-10655 \$1.50
	<b>Deans Connector - M/F Pair</b> PRT-11864 \$0.95		<b>Spring Terminals - PCB Mount (4-Pin)</b> PRT-08075 \$1.50
	<b>Female Header Pack</b> PRT-11269 \$1.50		<b>Spring Terminals - PCB Mount (5-Pin)</b> PRT-08076 \$1.50
	<b>Female Headers</b> PRT-00115 \$1.50		<b>Spring Terminals - PCB Mount (6-Pin)</b> PRT-08077 \$1.50

	<b>Header - 10-pin Male (SMD, 0.1")</b> PRT-11542 \$0.95		<b>TRRS 3.5mm Jack Breakout</b> BOB-11570 \$3.95
	<b>Header - 6-pin Female (SMD, 0.1")</b> PRT-11544 \$0.95		<b>USB Female Type A SMD Connector</b> PRT-09011 \$1.25
	<b>Header - 6-pin Female (SMD, 0.1", Right Angle)</b> PRT-12590 \$0.95		<b>USB Female Type B Connector</b> PRT-00139 \$1.25
	<b>Header - 6-pin Male (SMD, 0.1")</b> PRT-11540 \$0.50		<b>USB Female Type B Vertical Connector</b> PRT-08944 \$0.95
	<b>Header - 6-pin Male (SMD, 0.1", Right Angle)</b> PRT-09015 \$0.95		<b>USB Male Type A Connector</b> PRT-00437 \$1.50
	<b>Header - 8-pin Female (SMD, 0.1")</b> PRT-11543 \$0.95		<b>USB micro USB SMD Connector</b> PRT-08533 \$1.50
	<b>Header - 8-pin Male (SMD, 0.1")</b> PRT-11541 \$0.50		<b>USB Mini-B SMD Connector</b> PRT-00587 \$1.50
	<b>HTC ExtUSB 11 Pin USB Connector with Breakout</b> PRT-09167 \$10.95		<b>USB Weatherproof Connector - Panel Mount (USB B)</b> PRT-11370 \$14.95
	<b>JST RCY Connector - Male/Female Set (2-pin)</b> PRT-10501 \$0.50		<b>USB Weatherproof Connector - Sealing Cap</b> PRT-11371 \$2.50
	<b>JST Right Angle Connector - Through-Hole 3-Pin</b> PRT-09750 \$0.95		<b>USB Weatherproof Connector - USB Cable (2M)</b> PRT-11582 \$14.95
	<b>JST Right Angle Connector - White</b> PRT-08612 \$0.95		<b>XT60 Connectors - Male/Female Pair</b> PRT-10474 \$1.50
	<b>JST Right-Angle Connector - Through-Hole 2-Pin</b> PRT-09749 \$0.95		<b>Z-Axis Conductive Tape - 1/2" (3 yards)</b> PRT-12042 \$14.95

## Prototyping | Enclosures

	<b>Arduino Project Enclosure</b> PRT-10088 \$11.95		<b>Mega Enclosure - Clear</b> PRT-11984 \$5.95
	<b>Chameleon Enclosure - Black</b> PRT-09682 \$29.95		<b>Pi Tin for the Raspberry Pi - Black</b> PRT-11980 \$5.95
	<b>Chameleon Faceplate - Arduino</b> PRT-09684 \$4.95		<b>Pi Tin for the Raspberry Pi - Blue</b> PRT-11981 \$5.95
	<b>Chameleon Faceplate - Blank</b> PRT-09688 \$2.95		<b>Pi Tin for the Raspberry Pi - Clear</b> PRT-11623 \$7.95
	<b>Chameleon Faceplate - ET-AVR</b> PRT-09686 \$4.95		<b>Pi Tin for the Raspberry Pi - Green</b> PRT-11901 \$5.95
	<b>Chameleon Faceplate - Olimex P28</b> PRT-09722 \$4.95		<b>Pi Tin for the Raspberry Pi - Pink</b> PRT-11983 \$5.95
	<b>Crib for Arduino - Ethernet Faceplate</b> PRT-10037 \$4.95		<b>Pi Tin for the Raspberry Pi - White</b> PRT-11979 \$5.95
	<b>Crib for Arduino - Metal Enclosure</b> PRT-10033 \$29.95		<b>Pi Tin for the Raspberry Pi - Yellow</b> PRT-11982 \$5.95
	<b>Dog House for the BeagleBoard xM</b> PRT-10034 \$39.95		<b>Soap Box Project Enclosure</b> PRT-00138 \$3.95
	<b>Enclosure - Aluminum (112x60x31mm)</b> PRT-11735 \$4.95		<b>SparkFun Project Case - Black</b> WIG-08601 \$9.95
	<b>Enclosure - Aluminum (120x95x35mm)</b> PRT-11351 \$5.95		<b>SparkFun Project Case Replacement Insert - Black</b> WIG-08757 \$0.50
	<b>Enclosure - Flanged (Red)</b> PRT-11366 \$7.95		<b>SparkFun Project Case Replacement Insert - Clear</b> WIG-08758 \$0.50
	<b>Enclosure for pcDuino/Arduino - Clear</b> PRT-11797 \$7.95		<b>SparkFun Projects Case - Clear</b> WIG-08632 \$11.95
	<b>Enclosure for pcDuino/Arduino - Extension Plate (Clear)</b> PRT-11798 \$4.95		<b>TuxCase - Arduino Enclosure</b> PRT-11667 \$24.95



**Mega Enclosure - Black**  
PRT-11986 \$5.95



**TuxCase - Raspberry Pi Enclosure**  
PRT-11830 \$32.95



**Mega Enclosure - Blue**  
PRT-11985 \$5.95

## Prototyping | General



**Alligator Clips**  
PRT-00111 \$0.50



**Heat Shrink - Black 5' x 1/4"**  
PRT-08830 \$1.95



**Alligator Clips - Crocodile Jaws**  
PRT-10292 \$0.95



**Heat Shrink - Blue 5' x 1/4"**  
PRT-08833 \$1.95



**Alligator Clips - Petite Clip**  
PRT-10291 \$0.95



**Heat Shrink - Green 5' x 1/4"**  
PRT-08831 \$1.95



**Alligator Clips - Toothless**  
PRT-10290 \$0.95



**Heat Shrink - Red 5' x 1/4"**  
PRT-08834 \$1.95



**Beginning Embedded Electronics - Microcontroller Kit**  
KIT-08391 \$27.36



**Heat Shrink - White 5' x 1/4"**  
PRT-08832 \$1.95



**Beginning Embedded Electronics - Power Supply Kit**  
KIT-08373 \$30.30



**Heat Shrink Kit**  
PRT-09353 \$7.95



**Breadboard Power Supply 5V/3.3V**  
PRT-00114 \$9.95



**Heat Sink - Multiwatt Package**  
PRT-09576 \$3.95



**Breadboard Power Supply Stick 3.3V/1.8V**  
PRT-10934 \$14.95



**Heat Sink Compound**  
PRT-09599 \$1.95



**Breadboard Power Supply Stick 5V/3.3V**  
PRT-10804 \$14.95



**Heat Sink with Fins**  
PRT-09798 \$3.95



**Breadboard Power Supply USB - 5V/3.3V**  
PRT-08376 \$9.95



**Heatsink and Fan - 70mm**  
PRT-10686 \$4.95



**Copper Tape - 2" (50ft)**  
PRT-11081 \$14.95



**Heatsink TO-220**  
PRT-00121 \$0.95



**Copper Tape - 5mm (50ft)**  
PRT-10561 \$2.95



**High Temperature Adhesive Tape - (1cm, 33m)**  
PRT-10687 \$4.95



**Eagle Text Reference Board**  
PRT-08754 \$4.95



**RS232 Shifter Board Kit**  
PRT-00133 \$6.95



**Electrical Tape - Black**  
PRT-10689 \$0.95



**RS232 Shifter SMD**  
PRT-00449 \$13.95



**Electrical Tape - Red**  
PRT-10688 \$0.95



**RS232 Shifter SMD No DB9**  
PRT-08780 \$9.95

## Prototyping | Sockets



**2mm 10pin XBee Socket**  
PRT-08272 \$1.00



**SIM Socket**  
PRT-00548 \$0.95



**2mm 10pin XBee Socket - SMD**  
PRT-10030 \$0.95



**Wire Wrap Sockets (14-pin)**  
PRT-08113 \$1.95



**DIP Sockets Solder Tail - 14-Pin 0.3"**  
PRT-07939 \$0.50



**Wire Wrap Sockets (16-pin)**  
PRT-08114 \$1.95



**DIP Sockets Solder Tail - 16-Pin 0.3"**  
PRT-07938 \$0.50



**Wire Wrap Sockets (18-pin)**  
PRT-08115 \$1.95



**DIP Sockets Solder Tail - 18-Pin 0.3"**  
PRT-07940 \$0.50



**Wire Wrap Sockets (20-pin)**  
PRT-08116 \$2.95



**DIP Sockets Solder Tail - 24-Pin 0.6"**  
PRT-09095 \$0.50



**Wire Wrap Sockets (24-pin)**  
PRT-08117 \$2.95



**DIP Sockets Solder Tail - 28-Pin 0.3"**  
PRT-07942 \$0.95



**Wire Wrap Sockets (28-pin)**  
PRT-08119 \$1.95



**DIP Sockets Solder Tail - 40-Pin 0.6"**  
PRT-07944 \$0.95



**Wire Wrap Sockets (40-pin)**  
PRT-08118 \$3.95







**DIP Sockets Solder Tail - 8-Pin**  
PRT-07937 \$0.50



**Wire Wrap Sockets (8-pin)**  
PRT-08112 \$1.25
















































































	<b>microSD Socket for Transflash</b> PRT-00127 \$3.95		<b>ZIF Socket 28-Pin 0.3"</b> PRT-09175 \$2.95
	<b>SD/MMC Socket for Secure Digital Disk or Multi Media Cards</b> PRT-11362 \$1.95		<b>ZIF Socket 40-Pin 0.6"</b> PRT-09176 \$3.95

**Prototyping | Solar**

	<b>Miniature Solar Cell - BPW34</b> PRT-09541 \$1.50		<b>Solar Cell Large - 2.5W</b> PRT-07840 \$34.95
	<b>Miniature Solar Cell - CPC1822</b> PRT-09962 \$1.95		<b>Solar Cell Small - 0.45W</b> PRT-07845 \$15.95
	<b>Solar Cell Huge - 5.2W</b> PRT-09241 \$44.95		<b>Solar Cell Small - 0.45W</b> PRT-07845 \$15.95












**Prototyping | Wire**

	<b>Alligator Test Leads - Multicolored 10 Pack</b> PRT-11037 \$2.95		<b>Jumper Wire - JST 4-Pin</b> PRT-09240 \$1.50
	<b>Automotive Jumper 2 Wire Assembly</b> PRT-09923 \$2.50		<b>Jumper Wire - JST Black Blue</b> PRT-08671 \$0.95
	<b>Hook-up Stranded Wire - Black</b> PRT-08867 \$2.95		<b>Jumper Wire - JST Black Red</b> PRT-08670 \$0.95
	<b>Hook-up Stranded Wire - Red</b> PRT-08865 \$2.95		<b>Jumper Wire - JST to Female Connector</b> PRT-08599 \$1.50
	<b>Hook-up Stranded Wire - White</b> PRT-08866 \$2.95		<b>Jumper Wire - JST to Molex</b> PRT-08598 \$1.50
	<b>Hook-Up Wire - Assortment (Solid Core)</b> PRT-11367 \$16.95		<b>Jumper Wire - MLX to MLX</b> SEN-08976 \$1.95
	<b>Hook-Up Wire - Assortment (Stranded)</b> PRT-11375 \$16.95		<b>Jumper Wire - Molex to Molex</b> PRT-08597 \$1.50
	<b>Hook-up Wire - Black</b> PRT-08022 \$2.50		<b>Jumper Wire - PTH Black White</b> PRT-08672 \$0.95
	<b>Hook-up Wire - Brown</b> PRT-08027 \$2.95		<b>Jumper Wire Kit</b> PRT-00124 \$6.95
	<b>Hook-up Wire - Gray</b> PRT-08025 \$2.95		<b>Jumper Wires Premium 12" F/F Pack of 10</b> PRT-09389 \$4.50
	<b>Hook-up Wire - Red</b> PRT-08023 \$2.50		<b>Jumper Wires Premium 12" F/F Pack of 100</b> PRT-09390 \$34.95
	<b>Hook-up Wire - White</b> PRT-08026 \$2.50		<b>Jumper Wires Premium 12" M/F Pack of 10</b> PRT-09385 \$4.50
	<b>Hook-up Wire - Yellow</b> PRT-08024 \$2.50		<b>Jumper Wires Premium 12" M/F Pack of 100</b> PRT-09386 \$34.95
	<b>JST Jumper 2 Wire Assembly</b> PRT-09914 \$0.95		<b>Jumper Wires Premium 12" M/M Pack of 10</b> PRT-09387 \$4.50
	<b>JST Jumper 3 Wire Assembly</b> PRT-09915 \$1.50		<b>Jumper Wires Premium 12" M/M Pack of 100</b> PRT-09388 \$34.95
	<b>JST Jumper 4 Wire Assembly</b> PRT-09916 \$1.50		<b>Jumper Wires Premium 6" F/F - 20 AWG (10 Pack)</b> PRT-11710 \$4.95
	<b>JST Jumper 5 Wire Assembly</b> PRT-09917 \$1.50		<b>Jumper Wires Premium 6" F/F Pack of 10</b> PRT-08430 \$3.95
	<b>JST SH Jumper 2 Wire Assembly - 8"</b> PRT-10357 \$1.50		<b>Jumper Wires Premium 6" F/F Pack of 100</b> PRT-10898 \$24.95
	<b>JST SH Jumper 3 Wire Assembly - 8"</b> PRT-10358 \$1.50		<b>Jumper Wires Premium 6" M/F Pack of 10</b> PRT-09140 \$3.95
	<b>JST SH Jumper 4 Wire Assembly - 8"</b> PRT-10359 \$1.50		<b>Jumper Wires Premium 6" M/F Pack of 100</b> PRT-09139 \$24.95
	<b>JST SH Jumper 5 Wire Assembly - 8"</b> PRT-10360 \$1.50		<b>Jumper Wires Premium 6" M/M - 20 AWG (10 Pack)</b> PRT-11709 \$4.95

	<b>JST SH Jumper 6 Wire Assembly - 8"</b> PRT-10361 \$1.50		<b>Jumper Wires Premium 6" M/M Pack of 10</b> PRT-08431 \$3.95
	<b>Jumper Wire - 0.1", 2-pin, 12"</b> PRT-10372 \$1.95		<b>Jumper Wires Premium 6" M/M Pack of 100</b> PRT-10897 \$24.95
	<b>Jumper Wire - 0.1", 2-pin, 4"</b> PRT-10362 \$0.95		<b>Jumper Wires Premium 6" Mixed Pack of 100</b> PRT-09194 \$24.95
	<b>Jumper Wire - 0.1", 2-pin, 6"</b> PRT-10367 \$1.50		<b>Jumper Wires Standard 7" M/M Pack of 30</b> PRT-11026 \$4.95
	<b>Jumper Wire - 0.1", 3-pin, 12"</b> PRT-10373 \$1.95		<b>Magnet Wire Kit</b> PRT-11363 \$9.95
	<b>Jumper Wire - 0.1", 3-pin, 4"</b> PRT-10363 \$0.95		<b>Mega Pro Mini Cable - 8" (8-wire)</b> PRT-10853 \$0.95
	<b>Jumper Wire - 0.1", 3-pin, 6"</b> PRT-10368 \$1.50		<b>Molex Jumper 2 Wire Assembly</b> PRT-09918 \$0.95
	<b>Jumper Wire - 0.1", 4-pin, 12"</b> PRT-10374 \$1.95		<b>Molex Jumper 3 Wire Assembly</b> PRT-09919 \$1.50
	<b>Jumper Wire - 0.1", 4-pin, 4"</b> PRT-10364 \$0.95		<b>Molex Jumper 4 Wire Assembly</b> PRT-09920 \$1.50
	<b>Jumper Wire - 0.1", 4-pin, 6"</b> PRT-10369 \$1.50		<b>Molex Jumper 5 Wire Assembly</b> PRT-09921 \$1.50
	<b>Jumper Wire - 0.1", 5-pin, 12"</b> PRT-10375 \$1.95		<b>Molex Jumper 6 Wire Assembly</b> PRT-09922 \$1.95
	<b>Jumper Wire - 0.1", 5-pin, 4"</b> PRT-10365 \$0.95		<b>RGB LED Strip - Pigtail Connector (pair) (sale)</b> PRT-11182 \$0.50
	<b>Jumper Wire - 0.1", 5-pin, 6"</b> PRT-10370 \$1.50		<b>Wire Wrap Wire - Black</b> PRT-08031 \$8.95
	<b>Jumper Wire - 0.1", 6-pin, 12"</b> PRT-10376 \$1.95		<b>Wire Wrap Wire - Blue</b> PRT-08187 \$8.95
	<b>Jumper Wire - 0.1", 6-pin, 4"</b> PRT-10366 \$0.95		<b>Wire Wrap Wire - Green</b> PRT-08186 \$8.95
	<b>Jumper Wire - 0.1", 6-pin, 6"</b> PRT-10371 \$1.50		<b>Wire Wrap Wire - Red</b> PRT-08030 \$8.95
	<b>Jumper Wire - 6-Pin JST White</b> ROB-08732 \$1.50		<b>Wire Wrap Wire - Yellow</b> PRT-08029 \$8.95
	<b>Jumper Wire - Female to Female Connector</b> PRT-08614 \$1.50		

## Retail

### Retail | Arduino

















	<b>Arduino Header Kit - Retail</b> RTL-10434 \$2.50		<b>GPS Shield Retail Kit</b> RTL-10709 \$59.95
	<b>Arduino Pro 328 - 5V/16MHz Retail</b> RTL-11385 \$15.95		<b>Joystick Shield Kit Retail</b> RTL-09895 \$17.95
	<b>Arduino ProtoShield Kit Retail</b> RTL-09900 \$17.95		<b>MaKey MaKey Retail</b> RTL-11437 \$50.95
	<b>Ardumoto - Motor Driver Shield Retail</b> RTL-09896 \$29.95		<b>microSD Shield Retail</b> RTL-09899 \$16.95
	<b>Danger Shield Kit Retail</b> RTL-11682 \$29.95		<b>RedBoard - PTH Kit Retail</b> RTL-10776 \$25.95
	<b>FTDI Basic 3.3V - USB to Serial Retail</b> RTL-09893 \$15.95		

### Retail | Components







	<b>10-Segment LED Kit - Retail</b> RTL-10771 \$14.95		<b>MonoAmp - Sound Amplifier Retail</b> RTL-11382 \$8.95
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	<b>Black Arcade Button Retail</b> RTL-11434 \$2.50		<b>OpenLog Retail</b> RTL-11387 \$25.95
	<b>Digital FM Radio Receiver Retail</b> RTL-11082 \$25.95		<b>Serial 7-Segment Display (Blue) - Retail</b> RTL-11381 \$13.95
	<b>EL Wire - Blue Retail</b> RTL-11425 \$10.95		<b>Serial 7-Segment Display (Red) - Retail</b> RTL-11386 \$13.95
	<b>EL Wire - Fluorescent-Blue-Green Retail</b> RTL-11429 \$10.95		<b>Serial LCD with Cable - Retail</b> RTL-09877 \$26.95
	<b>EL Wire - Fluorescent-Green Retail</b> RTL-11430 \$10.95		<b>Speaker - Retail</b> RTL-10766 \$2.95
	<b>EL Wire - Green Retail</b> RTL-11424 \$10.95		<b>Stepper Motor Driver - Retail</b> RTL-11391 \$15.95
	<b>EL Wire - Orange Retail</b> RTL-11423 \$10.95		<b>Stepper Motor Retail</b> RTL-11383 \$7.95
	<b>EL Wire - Pink Retail</b> RTL-11428 \$10.95		<b>Tactile Button Assortment Retail</b> RTL-11243 \$5.95
	<b>EL Wire - Purple Retail</b> RTL-11426 \$10.95		<b>Thumb Joystick Retail</b> RTL-10433 \$4.95
	<b>EL Wire - Red Retail</b> RTL-11422 \$10.95		<b>TTL Laser Retail</b> RTL-10429 \$12.95
	<b>EL Wire - White Retail</b> RTL-11427 \$10.95		<b>USB Cable - A-to-B 6 Foot Retail</b> RTL-10423 \$4.95
	<b>EL Wire - Yellow Retail</b> RTL-11431 \$10.95		<b>USB Cable - A-to-miniB 6 Foot Retail</b> RTL-11302 \$4.95
	<b>Graphic LCD Retail</b> RTL-10773 \$10.95		<b>USB microB Cable - 6 Foot - Retail</b> RTL-10767 \$5.95
	<b>Green Arcade Button Retail</b> RTL-11436 \$2.50		<b>White Arcade Button Retail</b> RTL-11435 \$2.50
	<b>LED Starter Kit</b> RTL-09878 \$11.95		<b>Yellow Arcade Button Retail</b> RTL-11433 \$2.50

**Retail | Kits**

	<b>BigTime Watch Kit Retail</b> RTL-11054 \$31.95		<b>Mr. Roboto Retail</b> RTL-11384 \$40.95
	<b>Car Diagnostics Kit Retail</b> RTL-10769 \$59.95		<b>Piezo Drum Kit Retail</b> RTL-10772 \$14.95
	<b>EL Wire - Starter Kit Retail</b> RTL-11421 \$16.95		<b>ProtoScrewShield Kit - Retail</b> RTL-10431 \$14.95
	<b>IOIO OTG Board Retail</b> RTL-11504 \$40.95		<b>ProtoSnap - LilyPad Development Board Retail</b> RTL-11261 \$59.95
	<b>IR Control Kit Retail</b> RTL-11761 \$9.95		<b>ProtoSnap - LilyPad E-Sewing Kit Retail</b> RTL-11051 \$25.95
	<b>Learn to Solder - BigTime</b> KIT-11210 \$49.95		<b>RedBoard - PTH Kit Retail</b> RTL-10776 \$25.95
	<b>Learn to Solder - Simon Says</b> KIT-11202 \$44.95		<b>Serial LCD Kit - Retail</b> RTL-10768 \$25.95
	<b>MaKey MaKey Retail</b> RTL-11437 \$50.95		<b>Simon Says Soldering Kit Retail</b> RTL-10546 \$25.95

**Retail | Materials**

	<b>Retail Brand Sheet - Who is SparkFun?</b> RTL-10520 \$0.95		<b>Retail Sales Sheet - microSD Shield</b> RTL-10382 \$0.95
	<b>Retail Clear Plastic Holder - Size A</b> RTL-10385 \$4.95		<b>Retail Sales Sheet - Motor Shield</b> RTL-10379 \$0.95
	<b>Retail Clear Plastic Holder - Size B</b> RTL-10386 \$9.95		<b>Retail Sales Sheet - ProtoShield</b> RTL-10383 \$0.95



**Retail Clear Plastic Holder - Size C**  
RTL-10387 \$9.95



**Retail Sales Sheet - XBee Kit**  
RTL-10380 \$0.95



**Retail Sales Sheet - GPS Shield**  
RTL-10381 \$0.95



**SparkFun Static Sticker**  
RTL-11004 \$1.95



**Retail Sales Sheet - Joystick Shield**  
RTL-10378 \$0.95



**SparkFun Tri-Fold Brochure**  
RTL-10548 \$0.95

**Retail | Prototyping**



**2000mAh Lithium Polymer Battery Retail**  
RTL-11238 \$17.95



**Heat Shrink Retail**  
RTL-11379 \$8.95



**Button Kit Retail**  
RTL-11439 \$14.95



**Jumper Wires - 30 pack - Retail**  
RTL-11242 \$5.95



**Clear Breadboard - Retail**  
RTL-10430 \$6.95



**Lithium Polymer USB Charger and Battery - Retail**  
RTL-09876 \$24.95



**Header Kit Retail**  
RTL-11239 \$9.95



**PowerCell Retail**  
RTL-11241 \$24.95

**Retail | Sensors**



**66 Channel LS20031 GPS 5Hz Receiver Retail**  
RTL-09891 \$60.95



**RFID Tag - 125kHz (retail pack of 5)**  
RTL-11506 \$9.95



**Barometric Pressure Sensor - BMP085 Breakout Retail**  
RTL-11284 \$20.95



**Triple Axis Accelerometer Breakout - ADXL345 Retail**  
RTL-09885 \$28.95



**Flex Sensor 2.2" Retail**  
RTL-09887 \$8.95



**Triple Axis Magnetometer - HMC5883 Breakout - Retail**  
RTL-10426 \$15.95



**Flexiforce Pressure Sensor - 25lbs Retail**  
RTL-11380 \$25.95



**Ultrasonic Range Finder EZ1 Retail**  
RTL-10427 \$26.95



**RFID Starter Kit - Retail**  
RTL-11839 \$49.95

**Retail | Tools**



**6" Digital Calipers**  
TOL-10997 \$14.95



**Hot-air Rework Station - 303D**  
TOL-10706 \$99.95



**9V DC 650mA Wall Adapter Power Supply - Retail**  
RTL-10273 \$6.95



**Tool Kit - Beginner**  
TOL-11101 \$21.95



**Digital Multimeter**  
TOL-09141 \$14.95



**Wire Strippers 30AWG**  
TOL-08696 \$4.95



**Heaterizer XL-3000 Heat Gun**  
TOL-10326 \$9.95

**Retail | Wireless**



**Bluetooth Mate Silver Retail**  
RTL-10404 \$40.95

**Retired**

**Retired | Cables**



**S-Video Cable - 12ft**  
CAB-09036 \$4.95

**Retired | Cellular**



**ADH8066 Evaluation Board**  
CEL-10741 \$49.95

**Retired | Components**



**Barometric Pressure Sensor - BMP085**  
COM-09603 \$8.95

**Retired | Prototyping**



**Coin Cell Battery Holder - 20mm (SMD)**  
PRT-11892 \$0.95



**Header - 6-pin Female (PTH, 0.1")**  
PRT-11894 \$0.50



**Header - 10-pin Female (PTH, 0.1")**  
PRT-11896 \$0.50



**Header - 8-pin Female (PTH, 0.1")**  
PRT-11895 \$0.50

**Retired | Retail**


**RedBoard - Programmed with Arduino Retail**  
RTL-11804 \$25.95

**Retired | Robotics**


**Big Easy Driver**  
ROB-11699 \$19.95

**Retired | Sensors**


**CMOS IR Camera Module - 500x582**  
SEN-08773 \$34.95

**Retired | Swag**


**Adhesive Bandages - RTFM (5 pack)**  
TOL-10784 \$2.95

**Retired | Wireless**


**Nordic Serial Interface Board**  
WRL-09019 \$17.95

**Robotics**
**Robotics | Drivers**


**4x4 Driver Shield**  
DEV-11352 \$54.95



**Motor Driver 1A Dual TB6612FNG**  
ROB-09457 \$8.95



**AutoDriver - Stepper Motor Driver**  
BOB-11611 \$34.95



**Motor Driver 2.5A MC33926**  
ROB-11080 \$23.95



**Big Easy Driver**  
ROB-11876 \$19.95



**Motor Driver 2A Dual L298 H-Bridge**  
ROB-09670 \$34.95



**EasyDriver Stepper Motor Driver**  
ROB-10267 \$14.95



**OpenServo**  
ROB-09014 \$14.95



**HUB-ee - 4-way Sync Driver Board**  
ROB-11669 \$12.95



**Pushbutton Power Switch LV**  
ROB-08903 \$5.95



**HUB-ee - Control Breakout Board**  
ROB-11670 \$3.95



**Pushbutton Power Switch SV**  
ROB-08904 \$6.95



**HUB-ee Wheel - 120:1 Metric**  
ROB-11666 \$34.95



**Qik Dual Serial Motor Controller**  
ROB-09106 \$24.95



**HUB-ee Wheel - 180:1 Metric**  
ROB-11668 \$34.95



**RaspiRobot Board**  
KIT-11561 \$29.95



**L6470 Stepper Driver Breakout**  
BOB-10859 \$29.95



**RedBot Mainboard**  
ROB-11954 \$49.95



**Micro Maestro 6-channel USB Servo Controller**  
ROB-09664 \$19.95



**Rover 5 Motor Driver Board**  
ROB-11593 \$24.95



**MiniMoto - DRV8830 Breakout**  
BOB-11890 \$9.95



**Serial Controlled Motor Driver**  
ROB-09571 \$19.95



**Monster Moto Shield**  
DEV-10182 \$79.95



**Serial Servo Controller**  
ROB-08897 \$17.95



**Motor Driver 15A IRF7862PBF**  
ROB-09107 \$39.95



**Wild Thumper Controller Board**  
ROB-11057 \$74.95

**Robotics | Hardware**


**Angle Bracket - 4-40**  
PRT-10228 \$0.50



**MicroRax - Tri-Corner**  
PRT-11291 \$2.50



**MakerBeam**  
PRT-10540 \$129.95



**Silicone Bumpers - Small (8x2mm, 4 pack)**  
PRT-10230 \$0.95



**MicroRax - Elbow Hinge**  
PRT-11292 \$2.95



**Standoff - Metal (1", 4-40, 10 pack)**  
PRT-10738 \$3.95



**MicroRax - Knuckle Hinge**  
PRT-11293 \$2.50

















**Zip-Tie Assortment**  
PRT-10328 \$3.95













**MicroRax - Small Kit**  
PRT-10809 \$119.95





























Robotics | Hardware | Fasteners










	<b>Allen Screw Kit</b> TOL-11731 \$0.95		<b>Screw - Flat Head (3/8", 2-56)</b> PRT-08992 \$0.15
	<b>Nut - Metal (2-56)</b> PRT-08995 \$0.15		<b>Screw - Phillips Head (1", 4-40, 10 pack)</b> PRT-10450 \$1.50
	<b>Nut - Metal (4-40)</b> PRT-10232 \$0.15		<b>Screw - Phillips Head (1/2", 4-40, 10 pack)</b> PRT-10452 \$1.50
	<b>Nut - Metal (4-40, 10 pack)</b> PRT-10454 \$1.50		<b>Screw - Phillips Head (1/4", 4-40, 10 pack)</b> PRT-10453 \$1.50
	<b>Nut - Nylon (4-40, 10 pack)</b> PRT-10789 \$1.95		<b>Screw - Phillips Head (3/4", 4-40, 10 pack)</b> PRT-10451 \$1.50
	<b>Nut - Nylon Locknut (4-40, 10 pack)</b> PRT-10460 \$1.50		<b>Screw - Phillips Head (3/8", 2-56)</b> PRT-08993 \$0.15
	<b>Screw - Flat Head (1.25", 4-40, 10 packs)</b> PRT-10928 \$1.50		<b>Screw - Phillips Head (5/16", 8-32, black)</b> PRT-08987 \$0.05

Robotics | Hardware | Spacers/Standoffs

	<b>MicroRax - PCB Standoff</b> PRT-11294 \$1.50		<b>Standoff - Nylon 3/4" (10 pack)</b> PRT-11796 \$3.95
	<b>Silicone Bumpers - Large (10x16.5mm, 4 pack)</b> COM-10594 \$0.95		<b>Standoff - Swage - (0.218")</b> PRT-08985 \$0.50
	<b>Standoff - Metal (3/8", 4-40, 10 pack)</b> PRT-10739 \$2.95		<b>Standoff - Swage - (0.3125")</b> PRT-08984 \$0.50
	<b>Standoff - Metal Hex (3/8", 4-40, 10 pack)</b> PRT-10463 \$3.95		<b>Standoffs Plastic - 3/4" (10 pack)</b> PRT-10462 \$3.95
	<b>Standoff - Nylon (3/8", 4-40, 10 packs)</b> PRT-10927 \$2.95		<b>Standoffs Plastic 3/8" (10 pack)</b> PRT-10461 \$2.95

Robotics | Kits

	<b>3pi Robot</b> ROB-09211 \$99.95		<b>Cubelets - Temperature Cubelet</b> KIT-11933 \$24.95
	<b>ArduBot Bare PCB</b> ROB-10185 \$14.95		<b>Dual Motor GearBox</b> ROB-00319 \$10.95
	<b>Cubelets - Bar Graph Cubelet</b> KIT-11948 \$26.95		<b>EggBot Deluxe Kit</b> WIG-11564 \$219.95
	<b>Cubelets - Battery Cubelet</b> KIT-11942 \$37.95		<b>Hexapod Chassis Kit</b> ROB-11497 \$99.95
	<b>Cubelets - Blocker Cubelet</b> KIT-11941 \$24.95		<b>i-Racer</b> ROB-11162 \$29.95
	<b>Cubelets - Bluetooth Cubelet</b> KIT-11943 \$48.95		<b>Multi-Chassis - 4WD Kit (ATV)</b> ROB-12090 \$44.95
	<b>Cubelets - Brightness Cubelet</b> KIT-11936 \$24.95		<b>Multi-Chassis - 4WD Kit (Basic)</b> ROB-12089 \$34.95
	<b>Cubelets - Distance Cubelet</b> KIT-11934 \$31.95		<b>Multi-Chassis - Rescue Platform</b> ROB-12092 \$129.95
	<b>Cubelets - Drive Cubelet</b> KIT-11944 \$31.95		<b>Multi-Chassis - Tank Version</b> ROB-12091 \$44.95
	<b>Cubelets - Flashlight Cubelet</b> KIT-11947 \$26.95		<b>Picaxe Robot - BOT120</b> DEV-10170 \$74.95
	<b>Cubelets - Inverse Cubelet</b> KIT-11938 \$24.95		<b>RedBot Kit</b> ROB-12032 \$74.95
	<b>Cubelets - Knob Cubelet</b> KIT-11935 \$26.95		<b>RedBot Kit</b> ROB-12032 \$74.95
	<b>Cubelets - KT06 Kit</b> KIT-11074 \$159.95		<b>Robotics Shield Kit for Arduino - Parallax</b> ROB-11494 \$129.95









	<b>Cubelets - Maximum Cubelet</b> KIT-11939    \$24.95		<b>Rover 5 Robot Platform</b> ROB-10336    \$59.95
	<b>Cubelets - Minimum Cubelet</b> KIT-11937    \$24.95		<b>Spider Controller</b> ROB-11498    \$49.95
	<b>Cubelets - Passive Cubelet</b> KIT-11940    \$24.95		<b>Universal Plate Set</b> ROB-10016    \$6.95
	<b>Cubelets - Rotate Cubelet</b> KIT-11945    \$31.95		<b>Wild Thumper 6WD Chassis - Black (34:1 gear ratio)</b> ROB-11056    \$249.95
	<b>Cubelets - Speaker Cubelet</b> KIT-11946    \$26.95		

 Robotics | **Motors**









 Robotics | Motors | **Accessories**

	<b>Servo Cable - Female to Female</b> ROB-09187    \$2.95		<b>Servo Extension Cable - Female to Female (shrouded)</b> ROB-08738    \$2.95
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




 Robotics | Motors | **DC/Gearmotor**

	<b>Hobby Motor - Gear</b> ROB-11696    \$1.95		<b>Mini Metal Gearmotor 105:1 (152 RPM)</b> ROB-12008    \$9.95
	<b>Micro Metal Gearmotor 100:1</b> ROB-08910    \$15.95		<b>Mini Metal Gearmotor 24:1 (Sale)</b> ROB-08913    \$6.95
	<b>Micro Metal Gearmotor 30:1</b> ROB-08911    \$15.95		<b>Mini Metal Gearmotor 26:1 (438 RPM)</b> ROB-12007    \$12.95
	<b>Mini Metal Gearmotor 100:1 (Sale)</b> ROB-08912    \$6.95		<b>Toy DC Motor with Leads</b> ROB-09608    \$0.95

 Robotics | Motors | **Other**

	<b>HUB-ee Wheel - 120:1 Metric</b> ROB-11666    \$34.95		<b>Miga Rotary 6P</b> ROB-08805    \$8.95
	<b>HUB-ee Wheel - 180:1 Metric</b> ROB-11668    \$34.95		<b>Solenoid - 36v</b> ROB-10391    \$14.95
	<b>Miga NanoMuscle</b> ROB-08782    \$8.95		<b>Solenoid - 5v (small)</b> ROB-11015    \$4.95
	<b>Miga Rotary 2P</b> ROB-08804    \$8.95		<b>Vibration Motor</b> ROB-08449    \$4.95

 Robotics | Motors | **Servo**

	<b>Servo - Generic (Sub-Micro Size)</b> ROB-09065    \$8.95		<b>Servo - Hitec HS-422 (Standard Size)</b> ROB-11884    \$9.95
	<b>Servo - Generic Full Rotation (Standard Size)</b> ROB-10189    \$11.95		<b>Servo - Hitec HS-425BB (Standard Size)</b> ROB-11883    \$12.95
	<b>Servo - Generic High Torque (Standard Size)</b> ROB-11965    \$12.95		<b>Servo - Hitec HS-625MG (Standard Size)</b> ROB-11885    \$31.95
	<b>Servo - Generic High Torque Full Rotation (Standard Size)</b> ROB-09347    \$13.95		<b>Servo - Hitec HS-646WP (Standard Size)</b> ROB-11886    \$42.95
	<b>Servo - Generic Metal Gear (Micro Size)</b> ROB-10333    \$10.95		<b>Servo - Hitec HS-805BB (Giant Scale)</b> ROB-11881    \$39.95
	<b>Servo - Hitec HS-35HD (Ultra Nano Size)</b> ROB-11882    \$24.95		<b>Servo - Hitec HS-85MG (Micro Size)</b> ROB-11887    \$29.95

 Robotics | Motors | **Stepper**

	<b>Small Stepper Motor</b> ROB-10551    \$6.95		<b>Stepper Motor - 68 oz.in (400 steps/rev)</b> ROB-10846    \$16.95
	<b>Stepper Motor - 125 oz.in (200 steps/rev)</b> ROB-10847    \$23.95		<b>Stepper Motor with Cable</b> ROB-09238    \$14.95
	<b>Stepper Motor - 29 oz.in (200 steps/rev, Threaded Shaft)</b> ROB-10848    \$29.95		

 Robotics | **Mounts/Hubs**

**Robotics | Mounts/Hubs | Hubs/Clamps**


**Universal Mounting Hub - 5mm Aluminum**  
ROB-10006 \$7.49

**Robotics | Mounts/Hubs | Motor Mounts**


**Micro Metal Gearmotor Bracket**  
ROB-08898 \$3.95



**Micro Metal Gearmotor Bracket Extended**  
ROB-08896 \$3.95

**Robotics | Other**


**12V Solenoid Valve - 3/4"**  
ROB-10456 \$7.95



**Robotic Claw - MKII**  
ROB-11524 \$11.95



**Liquid Pump - 350GPH (12v)**  
ROB-10455 \$14.95



**Robotic Claw Pan/Tilt Bracket - MKII**  
ROB-11674 \$29.95



**Magician Chassis**  
ROB-10825 \$14.95



**Servo Mount**  
ROB-11277 \$0.50



**Motor Mount**  
ROB-11278 \$0.50



**Vacuum Pump - 12V**  
ROB-10398 \$14.95



**Pan/Tilt Bracket**  
ROB-10335 \$5.95

**Robotics | Wheels**


**Ball Caster Metal - 3/8"**  
ROB-08909 \$2.95



**Tank Treads**  
ROB-00321 \$7.95



**Ball Caster Omni-Directional Metal**  
ROB-00320 \$5.95



**Toy Tires - Basic**  
ROB-00423 \$4.95



**Ball Caster Plastic - 3/8"**  
ROB-08908 \$2.95



**Toy Tires - Off Road**  
ROB-00422 \$3.95



**HUB-ee - Cable (150mm)**  
ROB-11672 \$3.95



**Toy Tires - Skinny**  
ROB-00420 \$6.95



**HUB-ee - PCB Socket Connector**  
ROB-11671 \$1.95



**Toy Tires - Sport**  
ROB-00421 \$6.95



**HUB-ee - Wheel IDC Plug**  
ROB-11673 \$1.95



**Wheel 32x7mm**  
ROB-08901 \$6.95



**HUB-ee Wheel - 120:1 Metric**  
ROB-11666 \$34.95



**Wheel 42x19mm**  
ROB-08899 \$6.95



**HUB-ee Wheel - 180:1 Metric**  
ROB-11668 \$34.95



**Wheel Encoder**  
ROB-09208 \$14.95



**Mecanum wheels - 4 pack**  
ROB-11578 \$74.95



**Wheel Encoder Set**  
ROB-09209 \$39.95



**Off-Road Wheels - 120x60mm (2 pack)**  
ROB-10555 \$14.95

**Sale**


**ATmega128RFA1 Development Board (Sale)**  
DEV-09734 \$34.95



**Polymer Lithium Ion Battery - 2200mAh 7.4v (Sale)**  
PRT-10471 \$11.95



**Breadboard - Mini Modular (Blue) (Sale)**  
PRT-11660 \$3.95



**RGB LED Strip - 30 LED/m - 1m (sale)**  
COM-10261 \$9.95



**Breadboard - Mini Modular (White) (Sale)**  
PRT-11658 \$3.95



**RGB LED Strip - 60 LED/m - 5m (sale)**  
COM-10260 \$59.95



**Digital Temperature Sensor Breakout - TMP102 (Sale)**  
SEN-09418 \$3.95



**RGB LED Strip - Pigtail Connector (pair) (sale)**  
PRT-11182 \$0.50



**DSO Quad - Pocket-Sized Digital Oscilloscope**  
TOL-10388 \$189.95



**SparkFun Cerberus USB Cable - 6ft**  
CAB-11515 \$2.95



**L6470 Stepper Driver Breakout**  
BOB-10859 \$29.95










**SparkFun Inventor's Kit Guidebook (Sale)**  
BOK-11581 \$1.95



**Logic Level Converter (Sale)**  
BOB-08745 \$1.50



**Tilt-a-Whirl Breakout - RPI-1031 (Sale)**  
SEN-10621 \$4.95

	<b>Mini Metal Gearmotor 100:1 (Sale)</b> ROB-08912 \$6.95		<b>Ultrasonic Range Finder - MB7060 - XL-Maxsonar WR1</b> SEN-09496 \$94.95
	<b>Mini Metal Gearmotor 24:1 (Sale)</b> ROB-08913 \$6.95		<b>XBee Pro 900 RPSMA (Sale)</b> WRL-09099 \$37.95
	<b>Momentary Button - Small Red Panel Mount</b> COM-09807 \$0.50		<b>XMOS Processor - XS1-L1-64</b> COM-10109 \$7.95
	<b>Polymer Lithium Ion Battery - 1000mAh 7.4v (Sale)</b> PRT-10472 \$4.95		















## Sensors

### Sensors | Accelerometers


















#### Sensors | Accelerometers | 1-axis

	<b>Geophone - SM-24</b> SEN-11744 \$59.95		<b>Single Axis Accelerometer Breakout Board - ADXL193 +/-250g</b> SEN-09332 \$29.95
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#### Sensors | Accelerometers | 3-axis

	<b>3-Axis Gyro/Accelerometer IC - MPU-6050</b> SEN-10937 \$12.95		<b>Triple Axis Accelerometer Breakout - ADXL335</b> SEN-09269 \$24.95
	<b>Evaluation Board - ADXL345</b> SEN-09814 \$44.95		<b>Triple Axis Accelerometer Breakout - ADXL345</b> SEN-09836 \$27.95
	<b>MMA8452Q</b> COM-10953 \$2.95		<b>Triple Axis Accelerometer Breakout - ADXL345 Retail</b> RTL-09885 \$28.95
	<b>RedBot Sensor - Accelerometer</b> SEN-11770 \$9.95		<b>Triple Axis Accelerometer Breakout - ADXL362</b> SEN-11446 \$14.95
	<b>Serial Accelerometer Dongle</b> SEN-10537 \$29.95		<b>Triple Axis Accelerometer Breakout - LIS331</b> SEN-10345 \$27.95
	<b>Triple Axis Accelerometer - ADXL345</b> SEN-09045 \$14.95		<b>Triple Axis Accelerometer Breakout - MMA7361</b> SEN-09652 \$11.95
	<b>Triple Axis Accelerometer - LIS331HH</b> COM-09755 \$9.95		<b>Triple Axis Accelerometer Breakout - MMA8452Q</b> SEN-10955 \$9.95

### Sensors | Biometrics

	<b>Alcohol Gas Sensor MQ-3</b> SEN-08880 \$4.95		<b>JST Jumper 6 Wire Assembly - 6"</b> SEN-08941 \$1.95
	<b>Carbon Monoxide Sensor - MQ-7</b> SEN-09403 \$7.25		<b>LPG Gas Sensor - MQ-6</b> SEN-09405 \$4.95
	<b>Data Logger - Atlas Scientific ENV-32X</b> SEN-11196 \$34.95		<b>Methane CNG Gas Sensor - MQ-4</b> SEN-09404 \$4.95
	<b>Dissolved Oxygen Kit</b> SEN-11194 \$192.95		<b>Muscle Sensor v3 Kit</b> SEN-11776 \$49.95
	<b>Electrical Conductivity Kit</b> SEN-11193 \$149.95		<b>Optical Dust Sensor - GP2Y1010AU0F</b> COM-09689 \$11.95
	<b>Fingerprint Scanner - 5V TTL (GT-511C1)</b> SEN-11836 \$31.95		<b>pH Sensor Kit</b> SEN-10972 \$105.95
	<b>Fingerprint Scanner - TTL (GT-511C3)</b> SEN-11792 \$49.95		<b>Polar Heart Rate Monitor Interface</b> SEN-08661 \$59.95
	<b>Gas Sensor Breakout Board</b> BOB-08891 \$0.95		<b>Pulse Sensor</b> SEN-11574 \$24.95
	<b>Hydrogen Gas Sensor - MQ-8</b> SEN-10916 \$7.95		

### Sensors | Capacitive

	<b>Capacitive Touch Sensor Controller - MPR121QR2</b> COM-09604 \$1.95		<b>Touch Sense Shield Retail</b> RTL-10774 \$15.95
	<b>MPR121 Capacitive Touch Keypad</b> SEN-10250 \$19.95		<b>Touch Shield</b> DEV-10508 \$14.95
	<b>MPR121 Capacitive Touch Sensor Breakout Board</b> SEN-09695 \$9.95		

**Sensors | Current**


**ACS712 Breakout**  
BOB-08882 \$7.95



**AttoPilot Voltage and Current Sense Breakout - 45A**  
SEN-10643 \$19.95



**ACS712 Low Current Sensor Breakout**  
SEN-08883 \$9.95



**AttoPilot Voltage and Current Sense Breakout - 90A**  
SEN-09028 \$19.95



**Analog Panel Meter - 0 to 20mA**  
TOL-10286 \$4.95



**Non-Invasive Current Sensor - 30A**  
SEN-11005 \$9.95



**AttoPilot Voltage and Current Sense Breakout - 180A**  
SEN-10644 \$19.95

**Sensors | Flex / Force**


**Flex Sensor 2.2"**  
SEN-10264 \$7.95



**Piezo Element**  
SEN-10293 \$1.50



**Flex Sensor 4.5"**  
SEN-08606 \$12.95



**Piezo Vibration Sensor - Large**  
SEN-09196 \$2.95



**Flexiforce Pressure Sensor - 100lbs.**  
SEN-08685 \$19.95



**Piezo Vibration Sensor - Large with Mass**  
SEN-09197 \$2.95



**Flexiforce Pressure Sensor - 1lb.**  
SEN-08713 \$19.95



**Piezo Vibration Sensor - Small Horizontal**  
SEN-09198 \$2.95



**Flexiforce Pressure Sensor - 25lbs (1" area)**  
SEN-11207 \$24.95



**Piezo Vibration Sensor - Small Vertical**  
SEN-09199 \$2.95



**Flexiforce Pressure Sensor - 25lbs.**  
SEN-08712 \$21.95



**SoftPot Membrane Potentiometer - 100mm**  
SEN-08607 \$14.95



**Force Sensitive Resistor - Long**  
SEN-09674 \$17.95



**SoftPot Membrane Potentiometer - 200mm**  
SEN-08679 \$17.95



**Force Sensitive Resistor - Small**  
SEN-09673 \$5.95



**SoftPot Membrane Potentiometer - 500mm**  
SEN-08681 \$25.95



**Force Sensitive Resistor - Square**  
SEN-09376 \$7.95



**SoftPot Membrane Potentiometer - 50mm**  
SEN-08680 \$12.95



**Force Sensitive Resistor 0.5"**  
SEN-09375 \$6.95



**Softpot Rotary Potentiometer**  
SEN-08678 \$14.95



**Geophone - SM-24**  
SEN-11744 \$59.95



**Tilt Sensor**  
SEN-10289 \$1.95



**HotPot Membrane Potentiometer - 100mm**  
SEN-09073 \$18.95



**Tilt Sensor - 4-way**  
SEN-10313 \$2.95



**HotPot Rotary Potentiometer**  
SEN-09074 \$18.95



**Tilt-a-Whirl Breakout - RPI-1031 (Sale)**  
SEN-10621 \$4.95



**Liquid Level Sensor**  
SEN-10221 \$39.95



**Wiper/Actuator - 1N to 3N Force**  
SEN-09075 \$3.50



**Load Sensor - 50kg**  
SEN-10245 \$9.95

**Sensors | Gyros**
**Sensors | Gyros | 2-axis**


**Gyro Breakout Board - LPY503AL Dual 30°/s**  
SEN-11341 \$29.95

**Sensors | Gyros | 3-axis**


**Tri-Axis Gyro Breakout - L3G4200D**  
SEN-10612 \$49.95



**Triple-Axis Digital-Output Gyro ITG-3200 Breakout**  
SEN-11977 \$24.95



**Triple-Axis Digital-Output Gyro ITG-3200 Breakout**  
SEN-09801 \$19.95

**Sensors | ID**


**Barcode Scanner USB**  
SEN-09166 \$99.95



**RFID Reader ID-3LA (125 kHz)**  
SEN-11862 \$25.95


















**Magnetic Card Blank - Low Coercivity**  
SEN-08675 \$0.95











**RFID Reader Olimex MOD**  
SEN-08856 \$40.95


















	<b>Magnetic Card Reader</b> SEN-11096 \$44.95		<b>RFID Starter Kit - Retail</b> RTL-11839 \$49.95
	<b>RFID Button - 16mm (125kHz)</b> SEN-09417 \$3.95		<b>RFID Tag (125kHz)</b> COM-08310 \$1.95
	<b>RFID Evaluation Shield - 13.56MHz</b> DEV-10406 \$19.95		<b>RFID Tag - ABS Token Mifare 1K (13.56 MHz)</b> SEN-10127 \$2.95
	<b>RFID Glass Capsule (125kHz)</b> SEN-09416 \$4.95		<b>RFID Tag - Adhesive Mifare 1K (13.56 MHz)</b> SEN-11319 \$2.95
	<b>RFID Module - SM130 Mifare (13.56 MHz)</b> SEN-10126 \$29.95		<b>RFID Tag - Laundry MIFARE 1K (13.56 MHz)</b> SEN-10131 \$3.95
	<b>RFID Reader Breakout</b> SEN-08423 \$0.95		<b>RFID Tag - Transparent MIFARE 1K (13.56 MHz)</b> SEN-10128 \$2.95
	<b>RFID Reader ID-12LA (125 kHz)</b> SEN-11827 \$29.95		<b>RFID USB Reader</b> SEN-09963 \$24.95
	<b>RFID Reader ID-20LA (125 kHz)</b> SEN-11828 \$34.95		











## Sensors | IMU






	<b>9 Degrees of Freedom - MPU-9150 Breakout</b> SEN-11486 \$49.95		<b>DIYDrones ArduIMU+ V3</b> DEV-11055 \$79.95
	<b>9 Degrees of Freedom - Razor IMU</b> SEN-10736 \$124.95		<b>IMU Digital Combo Board - 6 Degrees of Freedom ITG3200/ADXL345</b> SEN-10121 \$64.95
	<b>9 Degrees of Freedom - Sensor Stick</b> SEN-10724 \$99.95		<b>IMU Fusion Board - ADXL345 &amp; IMU3000</b> SEN-10252 \$59.95
	<b>Digital IMU Breakout - IMU3000</b> SEN-10251 \$39.95		<b>Triple Axis Accelerometer and Gyro Breakout - MPU-6050</b> SEN-11028 \$39.95

## Sensors | Infrared









	<b>Infrared Emitters and Detectors</b> SEN-00241 \$1.95		<b>Photo Interrupter GP1A57HRJ00F</b> SEN-09299 \$1.95
	<b>Infrared Proximity Sensor - Sharp GP2Y0A21YK</b> SEN-00242 \$13.95		<b>Photo Interrupter GP1A57HRJ00F Breakout Board</b> BOB-09322 \$1.50
	<b>Infrared Proximity Sensor Long Range - Sharp GP2Y0A02YK0F</b> SEN-08958 \$14.95		<b>Programmable IR Receiver SIS-2</b> SEN-08753 \$9.95
	<b>Infrared Proximity Sensor Short Range - Sharp GP2D120XJ00F</b> SEN-08959 \$13.95		<b>QRE1113 Line Sensor Breakout - Analog</b> ROB-09453 \$2.95
	<b>Infrared Sensor Jumper Wire - 3-Pin JST</b> SEN-08733 \$1.50		<b>QRE1113 Line Sensor Breakout - Digital</b> ROB-09454 \$2.95
	<b>IR Receiver Breakout</b> SEN-08554 \$9.95		<b>RedBot Sensor - Line Follower</b> SEN-11769 \$2.95
	<b>IR Receiver Diode</b> SEN-10266 \$1.95		<b>VCNL4000 Infrared Proximity Breakout</b> BOB-10901 \$9.95
	<b>Optical Detector / Phototransistor - QRD1114</b> SEN-00246 \$1.13		

## Sensors | Light / Imaging



















	<b>CMOS Camera - 640x480</b> SEN-08667 \$9.95		<b>HackHD - 1080p Camera Module</b> SEN-11418 \$159.95
	<b>CMOS Camera Module - 728x488</b> SEN-11745 \$31.95		<b>HDJD-S822 Color Sensor Breakout</b> SEN-10904 \$24.95
	<b>CMOS IR Camera Module - 500x582</b> SEN-08773 \$34.95		<b>Light to Frequency Converter - TSL235R</b> SEN-09768 \$2.95
	<b>CMUcam v4</b> DEV-10032 \$99.95		<b>LinkSprite JPEG Color Camera TTL Interface - Infrared</b> SEN-11610 \$49.95
	<b>Color Detector Sensor</b> SEN-11195 \$39.95		<b>Mini Photocell</b> SEN-09088 \$1.50

	<b>Color Light Sensor - Avago ADJD-S311-CR999</b> SEN-10656 \$4.95		<b>TEMT6000 Breakout Board</b> BOB-08688 \$4.95
	<b>Color Light Sensor Evaluation Board</b> SEN-10701 \$14.95		<b>Webcam - USB</b> SEN-11957 \$15.95
	<b>FlyCamOne eco V2</b> SEN-11171 \$39.95		

**Sensors | Magneto**

	<b>Compass Module - HMC6352</b> SEN-07915 \$34.95		<b>LSM303DLMTR Breakout Board - Tilt Compensated Compass</b> SEN-10888 \$29.95
	<b>Hall Effect Sensor</b> COM-09312 \$0.95		<b>MicroMag 3-Axis Magnetometer</b> SEN-00244 \$49.95
	<b>LSM303DLH - Tilt Compensated Compass</b> COM-09757 \$6.95		<b>Triple Axis Magnetometer Breakout - HMC5883L</b> SEN-10530 \$14.95
	<b>LSM303DLMTR - Tilt Compensated Compass</b> COM-10731 \$6.95		<b>Triple Axis Magnetometer Breakout - MAG3110</b> SEN-10619 \$14.95

**Sensors | Proximity**

	<b>Infrared Proximity Sensor - Sharp GP2Y0A21YK</b> SEN-00242 \$13.95		<b>Ultrasonic Range Finder - Maxbotix LV-EZ2</b> SEN-08503 \$27.95
	<b>Infrared Proximity Sensor Long Range - Sharp GP2Y0A02YK0F</b> SEN-08958 \$14.95		<b>Ultrasonic Range Finder - Maxbotix LV-EZ3</b> SEN-08501 \$27.95
	<b>Infrared Proximity Sensor Short Range - Sharp GP2D120XJ00F</b> SEN-08959 \$13.95		<b>Ultrasonic Range Finder - Maxbotix LV-EZ4</b> SEN-08504 \$27.95
	<b>PIR Motion Sensor</b> SEN-08630 \$9.95		<b>Ultrasonic Range Finder - MB7060 - XL-Maxsonar WR1</b> SEN-09496 \$94.95
	<b>Ultrasonic Range Finder - Maxbotix HRLV-EZ0</b> SEN-11307 \$34.95		<b>Ultrasonic Range Finder - MB7360 HRLX-MaxSonar-WR</b> SEN-11724 \$99.95
	<b>Ultrasonic Range Finder - Maxbotix HRLV-EZ1</b> SEN-11308 \$34.95		<b>Ultrasonic Range Finder - XL-Maxsonar EZ0</b> SEN-09491 \$49.95
	<b>Ultrasonic Range Finder - Maxbotix HRLV-EZ4</b> SEN-11309 \$34.95		<b>Ultrasonic Range Finder - XL-Maxsonar EZ1</b> SEN-09492 \$49.95
	<b>Ultrasonic Range Finder - Maxbotix LV-EZ0</b> SEN-08502 \$27.95		<b>Ultrasonic Range Finder - XL-Maxsonar EZ3</b> SEN-09494 \$49.95
	<b>Ultrasonic Range Finder - Maxbotix LV-EZ1</b> SEN-00639 \$25.95		<b>Ultrasonic Range Finder - XL-Maxsonar EZ4</b> SEN-09495 \$49.95









**Sensors | Radiation**

	<b>Geiger Counter</b> SEN-11345 \$149.95		<b>Geiger Tube</b> COM-08875 \$93.95
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**Sensors | Sound**

	<b>Breakout Board for ADMP401 MEMS Microphone</b> BOB-09868 \$9.95		<b>Electret Microphone</b> COM-08635 \$0.95
	<b>Breakout Board for Electret Microphone</b> BOB-09964 \$7.95		<b>MEMS Microphone - ADMP401</b> COM-10028 \$3.95
	<b>EasyVR Shield - Voice Recognition Shield</b> COM-10963 \$49.95		<b>WonderBeeps</b> WIG-11560 \$59.95

**Sensors | Temperature**

	<b>Digital Temperature Sensor Breakout - TMP102</b> SEN-11931 \$5.95		<b>Temperature Sensor - Waterproof (DS18B20)</b> SEN-11050 \$9.95
	<b>Digital Temperature Sensor Breakout - TMP102 (Sale)</b> SEN-09418 \$3.95		<b>Thermistor 10K</b> SEN-00250 \$1.95
	<b>Evaluation Board for MLX90614 IR Thermometer</b> SEN-10740 \$49.95		<b>Thermocouple Type-K Glass Braid Insulated</b> SEN-00251 \$13.95
	<b>Humidity and Temperature Sensor - RHT03</b> SEN-10167 \$9.95		<b>TMP006 Breakout</b> SEN-11859 \$14.95



**Infrared Thermometer - MLX90614**  
SEN-09570 \$19.95



**TMP36 - Temperature Sensor**  
SEN-10988 \$1.50



**One Wire Digital Temperature Sensor - DS18B20**  
SEN-00245 \$4.25

## Sensors | Weather



**Altitude/Pressure Sensor - MPL3115A2 Breakout**  
SEN-11084 \$14.95



**Humidity and Temperature Sensor - SHT15 Breakout**  
SEN-08257 \$41.95



**Barometric Pressure Sensor - BMP085 Breakout**  
SEN-11282 \$19.95



**Humidity sensor - HH10D**  
SEN-10239 \$9.95



**Barometric Pressure Sensor - BMP085 Breakout Retail**  
RTL-11284 \$20.95



**Humidity Sensor - HIH-4030 Breakout**  
SEN-09569 \$16.95



**Barometric Pressure Sensor - MPL115A1 Breakout**  
SEN-09721 \$12.95



**Weather Board - USB**  
SEN-10586 \$124.95



**Humidity and Temperature Sensor - HIH6130 Breakout**  
SEN-11295 \$29.95



**Weather Meters**  
SEN-08942 \$69.95

## Swag



**Adhesive Bandages - RTFM (5 pack)**  
TOL-10784 \$2.95



**SparkFun Hoodie - Large**  
SWG-08339 \$19.95



**Hackerspace Passport**  
SWG-11079 \$1.95



**SparkFun Hoodie - Medium**  
SWG-08345 \$19.95



**National Tour T-Shirt - Large**  
SWG-11872 \$12.95



**SparkFun Hoodie - Small**  
SWG-08346 \$19.95



**National Tour T-Shirt - X-Large**  
SWG-11873 \$12.95



**SparkFun Hoodie - Xtra-Large**  
SWG-08344 \$19.95



**National Tour T-Shirt - XX-Large**  
SWG-11874 \$12.95



**SparkFun Resistor Chart Sticker**  
SWG-10108 \$0.95



**National Tour T-Shirt - Youth Large**  
SWG-11869 \$12.95



**SparkFun Safety Glasses**  
SWG-11046 \$4.95



**Product Sketch T-Shirt - 2X-Large**  
SWG-09248 \$12.95



**SparkFun Static Sticker**  
RTL-11004 \$1.95



**Product Sketch T-Shirt - Large**  
SWG-09244 \$12.95



**SparkFun Stickers**  
SWG-11354 \$0.30



**Product Sketch T-Shirt - Medium**  
SWG-09245 \$12.95



**SparkFun Women's Tee Gray - 2X-Large**  
SWG-11599 \$14.95



**Product Sketch T-Shirt - Small**  
SWG-09243 \$12.95



**SparkFun Women's Tee Gray - Large**  
SWG-11597 \$14.95



**Product Sketch T-Shirt - Xtra-Large**  
SWG-09246 \$12.95



**SparkFun Women's Tee Gray - Medium**  
SWG-11596 \$14.95



**SFE Project Notebook - 10" x 7.5" (Black, Grey Pages)**  
SWG-11063 \$4.95



**SparkFun Women's Tee Gray - Small**  
SWG-11595 \$14.95



**SFE Project Notebook - 10" x 7.5" (Red, Grey Pages)**  
SWG-11064 \$4.95



**SparkFun Women's Tee Gray - Xtra Large**  
SWG-11598 \$14.95



**SparkFun Hoodie - 2X-Large**  
SWG-08741 \$19.95

## Tools



**Hack Pack Workshop Supply Kit**  
LAB-11480 \$425.00

## Tools | Hand Tools



**6" Digital Calipers**  
TOL-10997 \$14.95



**Panavise Jr. - Vacuum Base**  
TOL-10410 \$29.95



**Chipquik SMD Removal Kit**  
TOL-10925 \$15.95
































**Polymorph - 1000g**  
TOL-10951 \$34.95








**Classic Trio**  
TOL-00069 \$4.95



















**Polymorph - 250g**  
TOL-10950 \$9.95






	<b>Crimping Pliers for JST</b> TOL-10219 \$59.95		<b>Precision Phillips Set</b> TOL-00080 \$3.95
	<b>Diagonal Cutters</b> TOL-08794 \$1.95		<b>S.H.O.V.E.L.</b> TOL-11763 \$9.95
	<b>Electronic Snippers</b> TOL-10447 \$14.95		<b>Screw Removal Pliers</b> TOL-10510 \$29.95
	<b>Flexible Coolant Pipe - 1ft (1/2" - OVERSIZED)</b> TOL-12029 \$5.95		<b>Solder Vacuum</b> TOL-00082 \$3.95
	<b>Flexible Coolant Pipe - 1ft (1/2")</b> TOL-12054 \$6.95		<b>SparkFun Mini Screwdriver</b> TOL-09146 \$0.95
	<b>Flush Cutters - Hakko</b> TOL-11952 \$6.95		<b>SparkFun Third Hand Kit</b> TOL-11784 \$34.95
	<b>Heaterizer XL-3000 Heat Gun</b> TOL-10326 \$9.95		<b>SparkFun Third Hand Parts</b> TOL-12033 \$1.95
	<b>Hemostats - Curved</b> TOL-08555 \$3.95		<b>Third Hand</b> TOL-09317 \$9.95
	<b>Hemostats - Straight</b> TOL-00071 \$2.95		<b>Tool Kit - Beginner</b> TOL-11101 \$21.95
	<b>Hobby Knife</b> TOL-09200 \$1.95		<b>Tool Kit - Beginner (EU edition, 230VAC)</b> TOL-11654 \$21.95
	<b>Hobby Knife Replacement Blades</b> TOL-10325 \$1.95		<b>Tool Kit - Screwdriver and Bit Set</b> TOL-10865 \$9.95
	<b>Illuminated LED Eye Loupe</b> TOL-09329 \$8.95		<b>Tweezers - Curved (ESD Safe)</b> TOL-10602 \$3.95
	<b>Long Nosed Pliers</b> TOL-10392 \$3.95		<b>Tweezers - Straight (ESD Safe)</b> TOL-10603 \$3.95
	<b>Monocle Magnifier - Illuminated</b> TOL-09316 \$9.95		<b>Wire Strippers 30AWG</b> TOL-08696 \$4.95
	<b>Needle Nose Pliers</b> TOL-08793 \$1.95		

## Tools | Hot-Air Rework















	<b>Hot-air Rework Nozzle - Y1198</b> TOL-07923 \$11.95		<b>Hot-air Rework Replacement Element - Temp Controlled</b> TOL-11130 \$19.95
	<b>Hot-air Rework Nozzles - Y1126</b> TOL-07925 \$14.95		<b>Hot-air Rework Station - 303D</b> TOL-10706 \$99.95
	<b>Hot-air Rework Replacement Element</b> TOL-00073 \$6.95		

## Tools | Instruments





















	<b>Bus Pirate</b> TOL-09544 \$29.95		<b>Non-Contact Infrared Thermometer</b> TOL-10830 \$27.95
	<b>Bus Pirate Cable</b> CAB-09556 \$4.95		<b>Open Logic Sniffer</b> TOL-09857 \$69.95
	<b>CEE - Analog Measurement Tool</b> TOL-11863 \$99.95		<b>SD Sniffer</b> TOL-11468 \$9.95
	<b>Digital Multimeter</b> TOL-09141 \$14.95		<b>Smart SMD Tester</b> TOL-10829 \$27.95
	<b>DSO Nano V3 - Pocket-Sized Digital Oscilloscope</b> TOL-11702 \$99.95		<b>USB Digital Multimeter - Auto-Ranging (RS232 output)</b> TOL-10892 \$59.95
	<b>DSO Quad - Pocket Digital Oscilloscope (Black)</b> TOL-12065 \$224.95		<b>USB Logic Analyzer</b> TOL-08938 \$149.95
	<b>DSO Quad - Pocket Digital Oscilloscope (Silver)</b> TOL-12066 \$224.95		<b>USB Logic Wiring Harness</b> TOL-09225 \$9.95
	<b>DSO Quad - Pocket-Sized Digital Oscilloscope</b> TOL-10388 \$189.95		<b>USB Oscilloscope - MSO-19</b> TOL-09263 \$249.95

	<b>Logic16 - USB Logic Analyzer</b> TOL-10989 \$299.95		<b>USB Oscilloscope - MSO-28</b> TOL-11219 \$324.95
	<b>microSD Sniffer</b> TOL-09419 \$9.95		<b>XMEGA Xprotolab</b> DEV-11643 \$49.95
	<b>Multimeter Probes - Needle Tipped</b> TOL-12078 \$4.95		











**Tools | Organization**

	<b>Binder Page - Small Parts Storage (8.5x11")</b> TOL-10654 \$0.95		<b>Roll Up Tool Bag</b> TOL-12048 \$9.95
	<b>Modular Plastic Storage Box - Large (2 pack)</b> TOL-11529 \$2.95		<b>SparkFun Inventor's Kit - Carrying Case</b> COM-11783 \$5.95
	<b>Modular Plastic Storage Box - Medium (4 pack)</b> TOL-11528 \$3.95		<b>SparkFun Inventor's Kit for Arduino - Carrying Case</b> COM-11410 \$2.95
	<b>Modular Plastic Storage Box - Small (10 pack)</b> TOL-11527 \$3.95		<b>SparkFun Parts Box - LilyPad (magnetic)</b> TOL-11640 \$3.50
	<b>Modular Plastic Storage Box - X-Large</b> TOL-11530 \$1.95		<b>SparkFun Parts Box - Small (magnetic)</b> TOL-11198 \$2.95
	<b>Parts Box</b> TOL-09283 \$3.95		<b>Static Shielding Bag - 3" x 5"</b> TOL-11454 \$0.50
	<b>Parts Box - Round</b> TOL-10690 \$2.95		<b>Static Shielding Bag - 4" x 6"</b> TOL-11455 \$0.50



















**Tools | Power Supplies**

	<b>9V DC 650mA Wall Adapter Power Supply - Retail</b> RTL-10273 \$6.95		<b>DC Barrel Jack Adapter - Male</b> PRT-10287 \$2.95
	<b>9V to Barrel Jack Adapter</b> PRT-09518 \$2.95		<b>DC Barrel Jack Plug - Male</b> PRT-11476 \$0.95
	<b>ATX Connector Breakout Board</b> BOB-09558 \$4.95		<b>DC/DC Converter Breakout</b> BOB-09370 \$29.95
	<b>Barrel Jack Adapter - USB to 5.5mm</b> TOL-08639 \$2.95		<b>Power Cable - 7A IEC C13</b> TOL-11299 \$1.50
	<b>Barrel Jack Extension Cable - M-F (3 ft)</b> COM-11706 \$1.75		<b>Power Supply - 12V/5V (2A)</b> TOL-11296 \$9.95
	<b>Barrel Jack Extension Cable - M-F (6 ft)</b> COM-11707 \$1.95		<b>Power Supply - 80W DC Switching Mode</b> TOL-09291 \$259.95
	<b>Barrel Jack Power Switch - M-F (3")</b> COM-11705 \$2.50		<b>Wall Adapter Power Supply - 12VDC 600mA</b> TOL-09442 \$5.95
	<b>Barrel Jack to 2-pin JST</b> TOL-08734 \$2.95		<b>Wall Adapter Power Supply - 5VDC 1A</b> TOL-08269 \$5.95
	<b>Car Adapter USB Power Supply - 5VDC 650mA</b> TOL-08638 \$4.95		<b>Wall Adapter Power Supply - 9VDC 650mA</b> TOL-00298 \$5.95
	<b>DC Barrel Jack Adapter - Female</b> PRT-10288 \$2.95		<b>Wall Charger - 5V USB (1A)</b> TOL-11456 \$3.95






















**Tools | Soldering**

	<b>Brass Sponge</b> TOL-08964 \$2.95		<b>Solder Wick #2 5ft. - Generic</b> TOL-09327 \$2.49
	<b>Brass Sponge with Base</b> TOL-08965 \$9.95		<b>Soldering Iron - 30W (EU, 230VAC)</b> TOL-11650 \$9.95
	<b>Hakko FX888D Soldering Station</b> TOL-11704 \$99.95		<b>Soldering Iron - 30W (US, 110V)</b> TOL-09507 \$9.95
	<b>Liquid Flux Pen - Water Soluble</b> TOL-08967 \$4.95		<b>Soldering Iron - 30W Replacement Heating Element</b> TOL-09509 \$3.95
	<b>Solder - 1/4lb Spool (0.020") Special Blend</b> TOL-10242 \$29.95		<b>Soldering Iron Stand</b> TOL-09477 \$5.95









	<b>Solder - 1/4lb Spool (0.032") Special Blend</b> TOL-10243 \$24.95		<b>Soldering Iron Variable Temperature 50W</b> TOL-10707 \$44.95
	<b>Solder - 20' Sample (0.020") Special Blend</b> TOL-10240 \$8.95		<b>Soldering Tip - Hakko - 3mm Bevel (T18-C3)</b> TOL-10719 \$7.95
	<b>Solder - 20' Sample (0.032") Special Blend</b> TOL-10241 \$6.95		<b>Soldering Tip - Hakko - Chisel (T18-D16)</b> TOL-10720 \$7.95
	<b>Solder Lead Free - 100-gram Spool</b> TOL-09325 \$7.95		<b>Soldering Tip - Hakko - Conical (T18-B)</b> TOL-10721 \$7.95
	<b>Solder Lead Free - 15-gram Tube</b> TOL-09163 \$3.50		<b>Soldering Tip - Plug Type - Chisel</b> TOL-09529 \$3.95
	<b>Solder Leaded - 100-gram Spool</b> TOL-09161 \$5.95		<b>Soldering Tip - Plug Type - Conical 1/32"</b> TOL-09527 \$3.95
	<b>Solder Leaded - 15-gram Tube</b> TOL-09162 \$1.95		<b>Soldering Tip - Plug Type - Conical 1/64"</b> TOL-09538 \$3.95
	<b>Solder Paste - 30g (Leaded)</b> TOL-11789 \$8.95		<b>Soldering Tip - Plug Type - Tapered 1/32"</b> TOL-09537 \$3.95
	<b>Solder Paste - 40g (Lead Free)</b> TOL-11790 \$13.95		<b>SolderPro 50 Butane Soldering Iron Kit</b> TOL-09450 \$25.95
	<b>Solder Tip Tinner and Cleaner</b> TOL-08966 \$13.95		<b>SolderPro 50 Hot Knife Tip</b> TOL-10137 \$10.95
	<b>Solder Wick #2 25ft. - TechSpray</b> TOL-08775 \$16.95		








## Widgets

	<b>Audio-Sound Breakout - WTV020SD</b> WIG-11125 \$19.95		<b>MOSFET Power Controller</b> PRT-11214 \$6.95
	<b>AVR Oscilloscope Clock : O-Clock</b> WIG-09306 \$29.95		<b>MP3 Trigger</b> WIG-11029 \$49.95
	<b>EasyUSB</b> WIG-10155 \$29.95		<b>OBD-II UART</b> WIG-09555 \$49.95
	<b>EggBot Deluxe Kit</b> WIG-11564 \$219.95		<b>PicoBoard</b> WIG-10311 \$44.95
	<b>EiBotBoard</b> WIG-10025 \$49.95		<b>Quadstepper Motor Driver Board</b> ROB-10507 \$64.95
	<b>EL Sequencer</b> COM-11323 \$34.95		<b>SPI Shortcut</b> TOL-09235 \$24.95
	<b>JPEG Trigger</b> DEV-10549 \$29.95		<b>Text-to-Speech Module - Emic 2</b> DEV-11711 \$59.95
	<b>Key Counter PS2</b> WIG-08652 \$19.95		<b>uLog - The Li'est Logger</b> WIG-09228 \$19.95
	<b>Logomatic v2 Serial SD Datalogger</b> WIG-10216 \$59.95		<b>Wake on Shake</b> SEN-11447 \$24.95
	<b>MetaWatch WDS112 - Black</b> WIG-12005 \$149.95		<b>Window Comparator</b> WIG-10101 \$9.95
	<b>MetaWatch WDS112 - White</b> WIG-12004 \$149.95		



















## Wireless

### Wireless | Antennas

















	<b>2.4GHz Antenna - Adhesive (U.FL connector)</b> WRL-11320 \$4.95		<b>Interface Cable SMA to U.FL</b> WRL-09145 \$4.95
	<b>2.4GHz Ceramic Chip Antenna</b> WRL-00144 \$2.95		<b>Reverse Polarized SMA Connector</b> WRL-00592 \$1.95
	<b>2.4GHz Ceramic Chip Antenna White</b> WRL-09025 \$0.95		<b>RPSMA Male to SMA Female Adapter</b> WRL-09232 \$1.95

	<b>2.4GHz Duck Antenna RP-SMA</b> WRL-00145 \$7.95		<b>SMA Connector</b> WRL-00593 \$1.95
	<b>2.4GHz Duck Antenna RP-SMA - Large</b> WRL-00558 \$9.95		<b>SMA Male to RPSMA Male Adapter</b> WRL-09233 \$1.95
	<b>900MHz Duck Antenna RP-SMA</b> WRL-09143 \$7.95		<b>U.FL SMD Connector</b> WRL-09144 \$1.50
	<b>Interface Cable RP-SMA to U.FL</b> WRL-00662 \$4.95		

**Wireless | Bluetooth**

	<b>Bluetooth and LiPo Add-On for Makey Makey</b> WRL-11378 \$45.00		<b>Bluetooth SMD Module - RN-41</b> WRL-11786 \$24.95
	<b>Bluetooth Mate Gold</b> WRL-12580 \$64.95		<b>Bluetooth SMD Module - RN-42-HID</b> WRL-10823 \$19.95
	<b>Bluetooth Mate Silver</b> WRL-10393 \$39.95		<b>Bluetooth USB Module Mini</b> WRL-09434 \$10.95
	<b>Bluetooth Modem - BlueSMiRF Gold</b> WRL-10268 \$64.95		<b>iMedia HID Bluetooth Remote</b> WRL-11926 \$44.95
	<b>Bluetooth Modem - BlueSMiRF HID</b> WRL-10938 \$44.95		<b>RN-52 - Bluetooth Audio Module</b> WRL-11678 \$24.95
	<b>Bluetooth Modem - BlueSMiRF Silver</b> WRL-10269 \$39.95		<b>RN41-XV Bluetooth Module - Chip Antenna</b> WRL-11600 \$29.95
	<b>Bluetooth Module Breakout - Roving Networks (RN-41)</b> WRL-10559 \$59.95		<b>RN42-XV Bluetooth Module - PCB Antenna</b> WRL-11601 \$20.95
	<b>Bluetooth Module Breakout - Roving Networks (RN-41)</b> WRL-12579 \$59.95		<b>Roving Networks RN-52 Audio Bluetooth Breakout</b> WRL-11777 \$49.95
	<b>Bluetooth SMD Module - RN-41</b> WRL-12575 \$24.95		<b>Ubertooth One</b> WRL-10573 \$119.95






**Wireless | General**

	<b>FM Radio Module Breakout Board - NS73M</b> WRL-08482 \$14.95		<b>RFM22 Shield - 434MHz</b> DEV-11018 \$29.95
	<b>pyXY - Synapse SM700 Dev Board</b> WRL-11176 \$69.95		<b>RFM22B-S2 SMD Wireless Transceiver - 434MHz</b> WRL-10153 \$11.95
	<b>RF Link Receiver - 4800bps (315MHz)</b> WRL-10533 \$4.95		<b>RFM22B-S2 SMD Wireless Transceiver - 915MHz</b> WRL-12030 \$11.95
	<b>RF Link Receiver - 4800bps (434MHz)</b> WRL-10532 \$4.95		<b>Si4703 FM Tuner Basic Breakout</b> BOB-11083 \$19.95
	<b>RF Link Transmitter - 315MHz</b> WRL-10535 \$3.95		<b>Si4707 Weather Band Receiver Breakout</b> WRL-11129 \$29.95
	<b>RF Link Transmitter - 434MHz</b> WRL-10534 \$3.95		<b>Synapse RF266PC1 - 2.4GHz (chip antenna)</b> WRL-11279 \$30.95
	<b>RFM12B-S2 Wireless Transceiver - 434MHz</b> WRL-09582 \$6.95		<b>Wixel</b> WRL-10665 \$19.95
	<b>RFM12B-S2 Wireless Transceiver - 915MHz</b> WRL-12031 \$6.95		<b>WonderBeeps</b> WIG-11560 \$59.95


**Wireless | Modem**

	<b>Modem Long Range 433MHz: UM96 - Includes Antenna and Cable</b> WRL-00155 \$44.95		
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

**Wireless | Nordic**

	<b>Breakout Board for nRF24LU1+ with RP-SMA</b> WRL-09034 \$35.95		<b>Transceiver nRF2401A with Chip Antenna</b> WRL-00152 \$14.95
	<b>Nordic Serial Interface Board</b> WRL-10257 \$19.95		<b>Transceiver nRF24L01+ Module with Chip Antenna</b> WRL-00691 \$19.95
	<b>Transceiver nRF2401A Module Trace Antenna</b> WRL-00153 \$21.95		<b>Transceiver nRF24L01+ Module with RP-SMA</b> WRL-00705 \$19.95







**Wireless | WiFi**

	<b>Arduino Wi-Fi Shield</b> DEV-11287 \$84.95		<b>RN-XV WiFly Module - U.FL Connector</b> WRL-11048 \$34.95
	<b>Electric Imp</b> WRL-11395 \$29.95		<b>RN-XV WiFly Module - Wire Antenna</b> WRL-10822 \$34.95
	<b>Electric Imp Breakout</b> BOB-11400 \$12.95		<b>WiFly GSX 802.11b/g Serial Module - Roving Networks</b> WRL-10004 \$49.95
	<b>Electric Imp Shield</b> DEV-11401 \$19.95		<b>WiFly GSX Breakout</b> WRL-10050 \$84.95
	<b>RN-XV WiFly Module - RP-SMA Connector</b> WRL-11047 \$34.95		<b>WiFly RN-171 802.11b/g Serial Module - Roving Networks</b> WRL-11049 \$29.95



**Wireless | ZigBee & 802.15.4**

	<b>Breakout Board for XBee Module</b> BOB-08276 \$2.95		<b>XBee Pro 60mW PCB Antenna - Series 1 (802.15.4)</b> WRL-11216 \$37.95
	<b>XBee 1mW U.FL Connection - Series 1 (802.15.4)</b> WRL-08666 \$22.95		<b>XBee Pro 60mW U.FL Connection - Series 1 (802.15.4)</b> WRL-08710 \$37.95
	<b>XBee 1mW Wire Antenna - Series 1 (802.15.4)</b> WRL-08665 \$22.95		<b>XBee Pro 60mW Wire Antenna - Series 1 (802.15.4)</b> WRL-08742 \$37.95
	<b>XBee 2mW PCB Antenna - Series 2 (ZigBee Mesh)</b> WRL-11217 \$25.95		<b>XBee Pro 63mW PCB Antenna - Series 2B (ZigBee Mesh)</b> WRL-10418 \$40.95
	<b>XBee 2mW RPSMA - Series 2 (ZigBee Mesh)</b> WRL-10416 \$28.95		<b>XBee Pro 63mW RPSMA - Series 2B (ZigBee Mesh)</b> WRL-10419 \$44.95
	<b>XBee 2mW U.FL Connection - Series 2 (ZigBee Mesh)</b> WRL-10417 \$25.95		<b>XBee Pro 63mW Wire Antenna - Series 2B (ZigBee Mesh)</b> WRL-10421 \$40.95
	<b>XBee 2mW Wire Antenna - Series 2 (ZigBee Mesh)</b> WRL-10414 \$20.95		<b>XBee Pro 900 RPSMA (Sale)</b> WRL-09099 \$37.95
	<b>XBee Explorer Dongle</b> WRL-09819 \$24.95		<b>XBee Pro 900 U.FL Connection</b> WRL-09098 \$42.95
	<b>XBee Explorer Regulated</b> WRL-11373 \$9.95		<b>XBee Pro 900 Wire Antenna</b> WRL-09097 \$42.95
	<b>XBee Explorer Serial</b> WRL-09111 \$29.95		<b>XBee Shield</b> WRL-10854 \$24.95
	<b>XBee Explorer USB</b> WRL-08687 \$24.95		<b>XTend 900 1W RPSMA - 40 Mile Range</b> WRL-09411 \$184.95
	<b>XBee Pro 50mW U.FL Connection - Series 2 (ZigBee Mesh)</b> WRL-10420 \$40.95		

**Wireless | ZigBee & 802.15.4 | 900MHz**

	<b>XBee Pro 900 RPSMA (Sale)</b> WRL-09099 \$37.95		<b>XBee Pro 900 XSC RPSMA</b> WRL-11664 \$71.95
	<b>XBee Pro 900 U.FL Connection</b> WRL-09098 \$42.95		<b>XBee-Pro 900 XSC S3B Wire</b> WRL-11634 \$66.95
	<b>XBee Pro 900 Wire Antenna</b> WRL-09097 \$42.95		<b>XTend 900 1W RPSMA - 40 Mile Range</b> WRL-09411 \$184.95

**Wireless | ZigBee & 802.15.4 | Series 1 (802.15.4)**

	<b>XBee 1mW Trace Antenna - Series 1 (802.15.4)</b> WRL-11215 \$22.95		<b>XBee Pro 60mW U.FL Connection - Series 1 (802.15.4)</b> WRL-08710 \$37.95
	<b>XBee 1mW U.FL Connection - Series 1 (802.15.4)</b> WRL-08666 \$22.95		<b>XBee Pro 60mW Wire Antenna - Series 1 (802.15.4)</b> WRL-08742 \$37.95
	<b>XBee 1mW Wire Antenna - Series 1 (802.15.4)</b> WRL-08665 \$22.95		

**Wireless | ZigBee & 802.15.4 | Series 2 (ZigBee)**

	<b>XBee 2mW PCB Antenna - Series 2 (ZigBee Mesh)</b> WRL-11217 \$25.95		<b>XBee Pro 63mW PCB Antenna - Series 2B (ZigBee Mesh)</b> WRL-10418 \$40.95
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	<b>XBee 2mW U.FL Connection - Series 2 (ZigBee Mesh)</b>		<b>XBee Pro 63mW RPSMA - Series 2B (ZigBee Mesh)</b>
WRL-10417	\$25.95	WRL-10419	\$44.95
	<b>XBee 2mW Wire Antenna - Series 2 (ZigBee Mesh)</b>		<b>XBee Pro 63mW Wire Antenna - Series 2B (ZigBee Mesh)</b>
WRL-10414	\$20.95	WRL-10421	\$40.95
	<b>XBee Pro 50mW U.FL Connection - Series 2 (ZigBee Mesh)</b>		
WRL-10420	\$40.95		