### Best Sellers

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Price/Details</th>
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<tbody>
<tr>
<td><strong>ATX TO BENCHTOP POWER SUPPLY CONVERSION KIT</strong></td>
<td>New Item $15.95 each</td>
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<tr>
<td>Handy conversion kit plugs into your ATX power supply to create a benchtop power supply with enough juice to run most of your electronics projects. Provides quick access to the typical voltages needed including 3.3V, 5V, 12V and -12V. Each output channel has replaceable 5A fuse and corresponding ground connection with binding post. Easy to connect on-board standard 24pin ATX port; just plug-in, and you're ready to go. Power indicator, power switch and LEDs. Added bonus, on-board USB port for charging or power of external devices. Board Size: 128 x 48 x 30mm / 5.04 x 1.89 x 1.18 inch (L<em>W</em>H).</td>
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<tr>
<td><strong>RF TRANSMITTER / RECEIVER MODULES</strong></td>
<td>New Item $3.00 set</td>
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<tr>
<td>433 MHz RF transmitter and receiver. Use to send audio or data signals, or use as a remote control on/off switch. With a few extra parts you can use these modules in a variety of applications. Right-angle headers (0.1&quot; spacing) plug into solderless or solderable breadboards, for convenient experimentation. Operates on 5Vdc power. Transmitter is 19mm square, receiver is 14 x 30mm.</td>
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<tr>
<td><strong>12VDC PUSH-TYPE SOLENOID</strong></td>
<td>New Item $5.85 each</td>
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<tr>
<td>EMI # TSP-55. 0.52&quot; diameter x 0.97&quot; body. 0.32&quot; (5/16&quot;) threaded bushing. 12 Vdc, 43 Ohm coil. Plunger has a 0.15&quot; diameter vinyl tip. Spring return. 5&quot; Teflon insulated leads.</td>
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<tr>
<td><strong>5VDC 3A POWER SUPPLY, USED</strong></td>
<td>New Item $3.50 each</td>
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<tr>
<td>Input: 100-120V 0.4A 60Hz. Output: 5V, 3A, 15W. 6&quot; output cord with 1.7mm coax power plug, center positive. UL. Used, functional power supplies. Guaranteed.</td>
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<tr>
<td><strong>1W LED W/ REFLECTOR IN HOUSING</strong></td>
<td>New Item $2.50 each</td>
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<tr>
<td>This good looking fixture is a great beginning for a shelf or display lighting project. Bright, white 1 Watt LED enclosed in a rugged black and yellow hard plastic housing with a conical reflector and a clear plastic front lens. Overall dimensions, 2.16&quot; diameter x 3.45&quot; long. Two wire leads. Operates on 3 Vdc @ 300 mA. For higher voltages use a dropping resistor.</td>
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<tr>
<td><strong>3-18 VDC PIEZO BUZZER</strong></td>
<td>New Item $6.00 each</td>
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<tr>
<td>FY14-G. 3-18Vdc mini-piezo beeper. Emits a medium, high-pitched tone when energized. 80 dB. 12Vdc, 7mA, 4Khz. 13.8mm diameter x 7.5mm high. PC pins on 7.5mm centers.</td>
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30 DAY MONEY-BACK GUARANTEE
LIGHT SENSORS

CdS PHOTOCELLS – PHOTO RESISTORS

Light dependent Cadmium sulfide (CdS) resistors. Plastic coated resistors on ceramic, 0.2-0.25” diameter. Light and dark resistances are approximate.

2MΩ Dark 1K – 60KΩ Light
CAT# PRE-24 1.25 each
10 for $1.10 each

30K Dark – 1.5K Light
CAT# PRE-25 95¢ each
10 for 85¢ each • 100 for 70¢ each

Arduino-style module. Approximately 100Ω light, 10KΩ+ dark resistance. 0.60” x 0.75” pc board with 3-pin output, 0.10” spacing.
CAT# SE-12 $2.40 each

PHOTO DETECTOR

Photonic Detectors Inc # 1541-80A
Miniature photovoltaic cell in a 5mm diameter LED-type package. 0.53Vdc.
CAT# PD-8 3 for 99¢

INFRARED SENSORS

IR VACANCY SENSOR SWITCH
RPP Devices# VCSSVW15-IV (Ivory).
Passive infrared, 15 Amp single pole wall switch with manual override.
Specs:
• 500W @ 120Vac • 1/8 H.P. @ 120Vac, 60 Hz
• Covers 150° 450 square feet
CAT # PIR-11 $6.50 each

IR RECEIVER MODULE
Simple IR receiver module used to read infrared light value.
Can be used to communicate with our IR transmitter module (CAT# SE-28).
Detection angle 60°. Can receive transmissions from a distance of 8 meters. Operating voltage 5 Vdc. 25mm x 15mm.
CAT# ST-1089 $2.40 each

INFRARED SENSOR
RE 200B passive infrared sensor. Two active elements helping compensate for differences in environmental temperature. Used in alarm systems and automatic switches that respond to human body motion. Hermetically sealed TO5 metal case with 3 leads.
CAT# PIR-200B $1.00 ea. • 10 for 90¢ ea.

PIR SENSOR HC-SR501
Can be used alone or with Arduino or other microcontroller. Adjustable sensitivity and timing. 33 x 24mm pc board. 25mm overall depth.
CAT# PIR-7 $3.25 each

IR OBSTACLE AVOIDANCE SENSOR
Uses IR beam to detect proximity of obstacles. Great for sounding an alarm or changing direction of a robot or self-propelled vehicle. Potentiometer \( t \) adjust detection distance (2-40cm). Supply voltage 5 Vdc. 45mm x 16 mm x 9mm.
CAT# ST-1081 $2.75 each

LINE FOLLOWING / REFLEXIVITY SENSOR
Measures the reflectivity of a surface using infrared emitter/ detector pair. Built around the LM393 comparator, it requires only 3 connections, V+, 5VDC, and GND. LED indicator. Can make a robot follow a painted line or count rotations of a motor shaft. 1.64” x 0.42” x 0.40”. Three pin header, 0.1” centers. Operates on 3.3-5Vdc. 20mA @ 5Vdc.
CAT# ST-1140 $2.75 each

IR TRANSMITTER MODULE
IR transmitter module designed for IR communication when paired with IR receiver (CAT# ST-1089). Indicator LED lights when signal voltage change is detected. Operating voltage 5Vdc. Includes 3-pin female jumpers for attachment to header pins. 34mm x 20mm.
CAT# SE-28 $3.40 each

UPI SENSOR HC-SR501
Can be used alone or with Arduino or other microcontroller. Adjustable sensitivity and timing. 33 x 24mm pc board. 25mm overall depth.
CAT# PIR-7 $3.25 each

TEMPERATURE SENSORS

TEMPERATURE SENSOR
National Semi # LM34DZ
Precision Fahrenheit sensor. Voltage is linearly proportional to the temperature. Operates on 5-30Vdc. TO-92 package.
CAT# LM34DZ $3.30 each

TMP36 TEMPERATURE SENSOR
Precision centigrade temperature sensor. It provides a voltage output that is linearly proportional to the Celsius temperature. +125°C temperature range. TO-92 case.
CAT # TMP-36 $2.00 each

DIGITAL TEMPERATURE SENSOR
DS18B20 1-Wire digital temperature sensor. Reports degrees C with 9 to 12-bit precision, -55C to 125C (+/-0.5C). Sensor has a unique 64-Bit Serial number etched into it. TO-92 case.
CAT# DS18B20 $1.50 each

TEMPERATURE / HUMIDITY SENSOR
Digital temperature and humidity measurement device with a high-performance 8-bit microcontroller connected. Standard single-bus interface.
CAT# SEN-4 $3.50 each