**TRANSFORMERS**

10V / 5V @ 5VA TRANSFORMER
Triad # VPL10-500
Primary: 115/230V 50-60Hz
Secondary: Series: 10Vct @ 0.5A
Parallel: 5V @ 1A
36.52 x 44.00 x 36.52mm h.
8" wire leads. U.L.us.
CAT# TX-105 $6.85 ea. • 10 for $6.65 ea.

24V @ 30VA
Part# TX-2432
Primary: 128 Vac, 60 Hz.
2.33" x 2.97" x 1.78" high. Wire leads.
CAT# TX-2432 $7.00 each

**CURRENT TRANSFORMER**

5A CURRENT SENSOR MODULE ZHT103
A simple and effective way of monitoring current in your project.
Accurate AC current measurement up to 5 Amps. A proportional voltage signal is provided on the output pin, at a 1000:1 ratio.
CAT# TXC-4 $3.85 each

**DC-DC UP/DOWN REGULATORS**

1.2 AMP
Input: 4-32V, 1.2A continuous current. 3A max.
Output: 1.25-35V adjustable. 1.90" x 0.98" x 0.5". Mounting holes.
CAT# UDC-5 $7.50 each

7 AMP
Input: 5-32 Vdc.
Output: 1-30 Vdc, continuously adjustable.
Output current: 7A continuous, 10A peak.
Output power: 80W continuous, 130W peak.
Output ripple: 50mV. 1.83" x 3.05" x 0.58".
CAT# UDC-10 $27.50 each

**COUPLING TRANSFORMERS**

Midcom 671-1538.
Designed to reflect 600 Ohms on primary with 536 Ohms on secondary. 1.12" x 0.75" x 0.47".
CAT# TCTX-18 $2.75 each

Datatronic # SM501-1.
600:600 Ohms.
12.50 x 9.60 x 7.36mm. Surface-mount.
UL69050-1. Cut-tape (tape and reel) packaging.
CAT# TCTX-501 $2.00 each
10 for $1.80 each • 100 for $1.65 each

**IMPEDANCE MATCHING TRANSFORMER**

Current Controls Inc. CC030517.
Primary: 80 Ohms, 10mH/0.8Q.
Secondary: 1K Ohms,
170mH/0.9Q @ 1KHz.
Secondary: 12K Ohms, 2.8H/1Q @ 1KHz.
0.78" x 0.66" x 0.48" high. PC pins.
CAT# MTX-4 $1.00 each

**STEP-UP VOLTAGE CONVERTER**

XL6009 DC-DC UP voltage regulator (boost driver).
Input: 4-32V, 1.2A continuous current. 3A max.
Output: 5-35V adjustable. 1.90" x 0.98" x 0.5". Mounting holes.
CAT# UDC-3 $4.50 each

**VARIABLE TRANSFORMERS**

Input: 110 Vac
Output: 0 - 130 Vac
Fully enclosed variable transformers in ventilated steel cases with 6" power cord, 3 prong grounded receptacle, output voltage meter, on/off switch, fuse and power cord.

Amps | Size | Weight | CAT# | Each
--- | --- | --- | --- | ---
3 | 5.35" x 4" x 5.5" | 6.5 lbs. | SC-3M | 64.00
5 | 4.75" x 7" x 6" | 8 lbs. | SC-5M | 120.00
10 | 6.75" x 8" x 8" | 21 lbs. | SC-10T | 175.00
20 | 6.5" x 9" x 7.5" | 22 lbs. | SC-20M | 198.00

CAT# DCC-3M $12.50 each
1.95" x 0.96" • Reduced Price
CAT# DCC-3 $7.95 each

**DC-DC UP/DOWN REGULATORS**

Circuit based on LM2596 Step-Down regulator (buck driver).
Input: 4-40V. Output: 1.25-37V adjustable. 1.5A continuous current. 3A max.
With LED digital display and screw terminals.
2.6" x 1.4"
CAT# DCC-3M $11.95 each
1.95" x 0.96" • Reduced Price
CAT# DCC-3 $7.95 each
### A.C. WALL TRANSFORMERS

<table>
<thead>
<tr>
<th>VOLTS</th>
<th>AMPS</th>
<th>TERMINATION</th>
<th>STYLE</th>
<th>CAT#</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>9 Vac</td>
<td>500 ma</td>
<td>2.1mm coax</td>
<td>A</td>
<td>ACTX-951</td>
<td>4.85</td>
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<tr>
<td>9 Vac</td>
<td>1 amp</td>
<td>2.1mm coax</td>
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<td>ACTX-912</td>
<td>11.00</td>
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<td>9 Vac</td>
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<td>10 Vac</td>
<td>2.4 amp</td>
<td>2.5mm coax</td>
<td>A</td>
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<td>12 Vac</td>
<td>1200 ma</td>
<td>2.1mm coax</td>
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<td>ACTX-1222</td>
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<td>12 Vac</td>
<td>1.67 amp</td>
<td>2.1mm coax</td>
<td>B</td>
<td>ACTX-1250</td>
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<td>12 Vac</td>
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<td>ACTX-1620</td>
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<td>16 Vac</td>
<td>40VA</td>
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<td>C</td>
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<td>24 Vac</td>
<td>1.6 amp</td>
<td>2.1mm coax</td>
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<td>ACTX-2440</td>
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### D.C. WALL TRANSFORMERS

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<th>VOLTS</th>
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<th>CAT#</th>
<th>PRICE</th>
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<td>9 Vdc</td>
<td>300 ma</td>
<td>1.3 mm coax</td>
<td>positive</td>
<td>A</td>
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<td>1 amp</td>
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<td>12.5 Vdc</td>
<td>410 ma</td>
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<td>18 Vdc</td>
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<td>2.1mm coax</td>
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### SINGLE OUTPUT SWITCHING POWER SUPPLIES

- **5 VDC 1.67 AMP** (Style A)
  - Model: FRA05-SO3-U
  - 5’ cable with 2.5mm coax plug, center positive. CE, cULus, RoHS.
  - CAT# PS-316 $5.50 each

- **5.5 VDC 0.75 A** (Style A)
  - Model: MTP051UL-055075
  - 6’ cable with 2.5mm coax plug, center+. cULus.
  - CAT# PS-5575 $3.75 each

- **5 VDC 3 AMP** (Style A)
  - 3’ cable with 1.3mm coax plug, center+.
  - CAT# PS-581 $4.25 ea. • 100 for $3.75 ea.

- **5 VDC 1 AMP** (Style A)
  - 5’ cord, with unknown/custom coax connector, center positive. cULus, CE.
  - CAT# PS-517 $4.00 ea. • 100 for $3.50 ea.

- **5 VDC 1 AMP** (Style A)
  - HONR# ADS-5N-06 05005G
  - 5’ cable with ferrite bead, to unknown coax plug, center positive. cULus, FCC, CE.
  - CAT# PS-582 $4.00 ea. • 100 for $3.50 each

- **5 VDC 1 AMP** (Style A)
  - 2.1mm x 5.5mm coax power plug. Center+. UL.
  - CAT# PS-961 $10.95 each

- **5 VDC 2 AMP** (Style A)
  - Model: Ktec# KSAC0500200W1UV-1.
  - 6’ cable with ferrite bead and 2.5mm coax plug, center positive. Includes three snap-on / snap-off AC plugs for use in USA, Europe and the UK. CE, cULus, TUV.
  - CAT# PS-528 $7.50 ea. • 100 for $6.75 ea.

- **5VDC 2A** (Style A)
  - Model# ZB-06-5020US. 4’ long cable with 2.1mm coax plug, center+. CE, cULus.
  - CAT# PS-529 $6.85 each

- **5 VDC 3 AMP** (Style A)
  - 44” cord with ferrite bead and 2.5mm coax plug, center positive. cULus, FCC.
  - CAT# PS-534 $7.50 each

- **9 VDC 600 MA** (Style A)
  - 2.1mm x 5.5mm coax power plug. Center+. UL.
  - CAT# PS-961 $10.95 each

- **9 VDC 0.66 AMP** (Style A)
  - 6” cord with ferrite EMI suppression bead. Custom coax plug on output. cULus, RoHS.
  - CAT# PS-966 $3.75 ea. • 20 for $3.50 ea. 600 for $3.15 each • 1200 for $2.85 each

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*A Note on Wall Transformers:* A.C. and D.C. Wall Transformers are not regulated unless otherwise stated. They provide a specified voltage at a specified load. If the load is lower than specified, the voltage will be higher than specified. With a higher load, the voltage will drop below that specified. For example, a 12 volt 500 ma. wall transformer may read 20 volts with no load or 9 Volts with a 600 ma. load.