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. cULus.
CAT# TX-105 $6.85 ea. • 10 for $6.65 ea.

24V @ 30VA
115 Vac primary, 50/60 Hz.
2.13" x 2.25" x 1.87" high. Wire leads.
CAT# TX-2432 $7.00 each

ISOLATION TRANSFORMER
Bel Signal Transformer
# DP-241-7-120
Primary: 115/230V 50/60 Hz
Secondary: 120 VCT 56 VA
Signal's 241 transformers use a split bobbin construction that provides superior isolation and low capacitive coupling.
2.70" x 1.94" x 2.28" high. Mounting holes on 3.12" centers. 0.187" QC/ solder lugs. UL, CSA.
CAT# TX-1255 $11.00 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

IMPEDANCE MATCHING TRANSFORMER
Current Controls Inc. CC030517.
Primary: 80 Ohms, 10mH/0.8Q.
Secondary: 1K Ohms, 170mH/0.9Q @1KHz.
Secondary: 12K Ohms, 2.6H/1Q @ 1KHz.
0.78" x 0.66" x 0.48" high. PC pins.
CAT# MTX-4 $1.00 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.

<table>
<thead>
<tr>
<th>Amps</th>
<th>Size</th>
<th>Weight</th>
<th>CAT#</th>
<th>Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>5.35&quot; x 4&quot; x 5.5&quot;</td>
<td>6.5 lbs.</td>
<td>SC-3M</td>
<td>64.00</td>
</tr>
<tr>
<td>5</td>
<td>4.75&quot; x 7&quot; x 6&quot;</td>
<td>8 lbs.</td>
<td>SC-5M</td>
<td>120.00</td>
</tr>
<tr>
<td>10</td>
<td>6.75&quot; x 8&quot; x 8&quot;</td>
<td>21 lbs.</td>
<td>SC-10T</td>
<td>185.00</td>
</tr>
<tr>
<td>20</td>
<td>6.5&quot; x 9&quot; x 7.5&quot;</td>
<td>22 lbs.</td>
<td>SC-20M</td>
<td>210.00</td>
</tr>
</tbody>
</table>

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 • $6.50 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

2A STEP-UP VOLTAGE CONVERTER
Step-up voltage "Boost" converter based on the MT3608 chip.
1.47" x 0.69" x 0.25" pc board with solder spots for input and output voltage.
On-board trimmer for adjustment.
• Input: 2-24 Vdc
• Output: up to 28Vdc @ 2A
CAT# UDC-2 $4.60 • $3.00 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

DC STEP-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 $14.95 • $8.75 each
1.95" x 0.96"
CAT# DCC-3 $7.95 • $7.50 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>
</tr>
</thead>
<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>
</tr>
<tr>
<td>9 Vac</td>
<td>1 amp</td>
<td>2.1mm coax</td>
<td>A</td>
<td>ACTX-912</td>
<td>11.00</td>
</tr>
<tr>
<td>9 Vac</td>
<td>400 ma</td>
<td>2.1mm coax</td>
<td>A</td>
<td>ACTX-940</td>
<td>3.75</td>
</tr>
<tr>
<td>12 Vac</td>
<td>1.67 amp</td>
<td>Screw terminals</td>
<td>C</td>
<td>ACTX-12167</td>
<td>14.00</td>
</tr>
<tr>
<td>12 Vac</td>
<td>5 amp</td>
<td>2.1mm coax</td>
<td>B</td>
<td>ACTX-1250</td>
<td>21.95</td>
</tr>
<tr>
<td>12 Vac</td>
<td>40VA</td>
<td>Screw terminals</td>
<td>C</td>
<td>ACTX-1243</td>
<td>15.95</td>
</tr>
<tr>
<td>16 Vac</td>
<td>20VA</td>
<td>Screw terminals</td>
<td>C</td>
<td>ACTX-1620</td>
<td>13.50</td>
</tr>
<tr>
<td>16 Vac</td>
<td>40VA</td>
<td>Screw terminals</td>
<td>C</td>
<td>ACTX-1640</td>
<td>14.75</td>
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<tr>
<td>24 Vac</td>
<td>830 mA (20VA)</td>
<td>Screw terminals</td>
<td>C</td>
<td>ACTX-2420</td>
<td>11.95</td>
</tr>
<tr>
<td>24 Vac</td>
<td>1.6 amp (40VA)</td>
<td>Screw terminals</td>
<td>C</td>
<td>ACTX-2440</td>
<td>15.25</td>
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### D.C. WALL TRANSFORMERS

<table>
<thead>
<tr>
<th>VOLTS</th>
<th>AMPS</th>
<th>TERMINATION</th>
<th>CENTER</th>
<th>STYLE</th>
<th>CAT#</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 Vdc</td>
<td>300 ma</td>
<td>1.3 mm coax</td>
<td>positive A</td>
<td>DCTX-936</td>
<td>2.85</td>
<td></td>
</tr>
<tr>
<td>9 Vdc</td>
<td>1 amp</td>
<td>2.5mm coax</td>
<td>positive A</td>
<td>DCTX-9111</td>
<td>6.00</td>
<td></td>
</tr>
<tr>
<td>12.5 Vdc</td>
<td>410 ma</td>
<td>2.5mm coax</td>
<td>positive A</td>
<td>DCTX-1241</td>
<td>3.50</td>
<td></td>
</tr>
<tr>
<td>18 Vdc</td>
<td>600 ma</td>
<td>2.1mm coax</td>
<td>positive A</td>
<td>DCTX-1860</td>
<td>11.00</td>
<td></td>
</tr>
</tbody>
</table>

### SINGLE OUTPUT SWITCHING POWER SUPPLIES

<table>
<thead>
<tr>
<th>MODEL/DESCRIPTION</th>
<th>VOLTAGE/Amp</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 VDC 1.67 AMP (Style A)</td>
<td>3 VDC 1 AMP (Style A)</td>
<td>5 VDC 2 AMP (Style A)</td>
</tr>
<tr>
<td>Model FRA05-SO3-U</td>
<td>Model FRA01-SO2-U</td>
<td>Model FRA03-SO3-U</td>
</tr>
<tr>
<td>5' cable with 2.5mm coax plug, center positive. CE, cULus, RoHS.</td>
<td>3' cable with 1.3mm coax plug, center positive.</td>
<td>6' cable with ferrite bead and 2.5mm coax plug, center+. Includes three snap-on / snap-off AC plugs for use in USA, Europe &amp; UK. CE, cULus.</td>
</tr>
<tr>
<td>CAT# PS-316</td>
<td>CAT# PS-517</td>
<td>CAT# PS-528</td>
</tr>
<tr>
<td>$5.50 each</td>
<td>$4.25 ea. • 100 for $3.75 ea.</td>
<td>$5.50 each</td>
</tr>
</tbody>
</table>

### 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.

### Ideal for scanners, cameras and sensitive equipment requiring a constant, regulated output.

Unless otherwise noted, all of the following power supplies operate on 120-240 Vac.