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**Pricing:**
- 1000 (10 x 100 each): $0.10
- 10,000 (10 x 100 each): $0.08

### 1% Resistors

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**Pricing:**
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- 10,000 (10 x 100 each): $0.08

### Resistor Arrays

#### 8-Pin 4x4

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**Pricing:**
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- 10,000 (10 x 100 each): $0.08

### Resistor Network SMD

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<td>47k</td>
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**Pricing:**
- 1000 (10 x 100 each): $0.10
- 10,000 (10 x 100 each): $0.08

### SMT Fuses

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**Pricing:**
- 800 (100 x 8): $3/$1
- 500 (50 x 10): $3/$1

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**Pricing:**
- 800 (100 x 8): $3/$1
- 500 (50 x 10): $3/$1

### SMD TRIMPOUT SMD

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**Pricing:**
- 800 (100 x 8): $3/$1
- 500 (50 x 10): $3/$1

### Contact Information

- Anchor Electronics
- 2040 Walsh Ave., Santa Clara, CA 95050
- (408) 727-3693

www.anchor-electronics.com
### Ceramic Capacitors

<table>
<thead>
<tr>
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<tbody>
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<td>0402</td>
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<td>47 x 42</td>
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<td>0.0005</td>
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<td>47 x 42</td>
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<td>47 x 42</td>
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<td>0.015 µH</td>
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<td>0.02 µH</td>
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<td>0.02 µH</td>
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**www.anchor-electronics.com**
SMT DIODES

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| P/N; DO3316P-103 | 3.9A 2/$1.50 | 12V 200mA |

SMT POWER INDUCTORS

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<td>2.9A</td>
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<td>.046G</td>
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<td>2/1.50</td>
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<td>1.44A</td>
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Common Mode SMD LINE FILTER by Wurth Electronics, WE-SL2 series

500μH, 1A (P/N: 744223) or 4700μH, 0.5A (P/N: 744220)

9.2mm L x 6mm W $1.00 each

www.anchor-electronics.com

(408) 727-3693
**SMT PROTOTYPING BOARDS**

Patent pending technology makes soldering childishly simple. The solder mask is higher than the pads, creating canals. The walls of the canal are embedded ground plane. All part pins are connected to holes on a .1" grid for standard header strips. All part pins are connected to two 20mil holes for wiring clearly marked pin numbers.

* gold plated surface for long shelf life.

$9.95 each

**BATTERIES**

- **Alkaline:**
  - AA 4/$2.56
  - AAA 4/$2.72
- **9V 1.56**
- **12V 55mAh**
  - GP23AE 95¢

**Battery Holders**

- **P.C.B. 2-pin**
  - AA 4/$1
  - AAA 4/$1
- **9V**
  - polyurethane snaps/clips w/4" leads, 5/$1

**WARNING**

Cancer and/or Reproductive Harm www.P65Warnings.ca.gov

**SMT PROTOTYPING BOARDS**

- 2 to 128-pin, lead pitch .5mm, .65mm, .8mm, 25mil, 50mil
- embedded ground plane
- **brushed motor**
- **Auto-sleep & work modes**
- **700W, <45dB, 110V**
- **Metal Heating Core**

$133.55

**RUBBER GROMMETS**

- Many Different Sizes in Stock
- From 1/8” x 1/4”
- To 7/8” x 3/4”

**WARNING**

Cancer and/or Reproductive Harm www.P65Warnings.ca.gov

**JIFFY BOX CHASSIS**

- 14ga. PLAIN ALUMINUM

**DI E CAST ALUMINUM ENCLOSURES**

- From 1/8” x 1/4”
- To 7/8” x 3/4”

**WARNING**

Cancer and/or Reproductive Harm www.P65Warnings.ca.gov

**ABS PLASTIC INSTRUMENT CASES**

- By ECLIPSE

**JSM INDUSTRIES**

- SMT Prototyping Modules
twinind.com

**View and/or order online...**

**SURFBOARDS**

- www.capitaladvanced.com

**TWIN INDUSTRIES**

- SERIES 6000 For discrete SMT components to thru hole S.I.P.’s
- SERIES 9000 For SOIC and PLCC to thru hole S.I.P.’s
- SERIES 33000 direct pin out from SMT to thru hole S.I.P.’s

**Surfboards**

- No screws - snaps together

**WARNING**

**ABS PLASTIC INSTRUMENT CASES**

- By ECLIPSE

**JIFFY BOX CHASSIS**

- By LMB

**Hi-Impact PLASTIC 2-piece**

- Very shallow lid w/screw for each corner

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<tr>
<th>Component</th>
<th>Description</th>
<th>Price</th>
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<td>CPU with Clock</td>
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<td>4MHz</td>
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<td>Z80A-CTC COUNTER TIMER CIRCUIT</td>
<td>1MHz</td>
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<td>Z80A-DART DUAL ASYN. REC/TRANS</td>
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<td>Z80B-P/INFO PARALLEL INPUT/OUTPUT</td>
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<td>6500, 6800 SERIES</td>
<td>MICROPROCESSOR</td>
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**Notes:**
- *3* level
- *4* level
- *5* level
- *6* level

For more information, visit [www.anchor-electronics.com](http://www.anchor-electronics.com)
## Capacitors

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<th>Electrolytic</th>
<th>ALUMINUM</th>
<th>RADIAL LEAD</th>
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<td>µF/DV/VOLT.</td>
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<td>2.2/10</td>
<td>2.2/20</td>
<td>0.1/20</td>
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<td>1/10</td>
<td>1/20</td>
<td>0.05/10</td>
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<td>0.47/10</td>
<td>0.47/200</td>
<td>0.01/200</td>
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<td>0.22/10</td>
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## Tantalum

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<td>1/8</td>
<td>0.05/10</td>
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<td>1/16</td>
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## Computer Grade

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<tr>
<th>µF/DV/VOLT.</th>
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<td>1/16</td>
<td>0.025/5</td>
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## Inductors/Ferrite

### Molded Inductors

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<th>Inductance</th>
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<th>Material</th>
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<tr>
<td>3/4</td>
<td>100 µH</td>
<td>250 mW</td>
<td>Tapped</td>
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<tr>
<td>1</td>
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### Adjustable Inductors

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<td>50 µH</td>
<td>100 mW</td>
<td>Wound</td>
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<td>1/4</td>
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### Ferrite Core Inductors

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<td>1 W</td>
<td>Enamelled</td>
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### BEADS ON LEADS

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**www.anchor-electronics.com**

(408) 727-3693
### LEAD BENDER

1/8 & 1/2 WATT $4.35

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<thead>
<tr>
<th>1/8w</th>
<th>1/2w</th>
<th>1050c</th>
<th>100/33</th>
<th>15¢ EACH</th>
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<td>5% CARBON</td>
<td>STANDARD VALUES</td>
<td>1 OHM - 10 MEG PLUS</td>
<td>1.2M, 2.2M, 2.7M, 3.3M, 4.7M, 5.6M, 6.2M, 6.8M</td>
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**www.anchor-electronics.com**

### POWER

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<td>330</td>
<td>3W</td>
<td>5%</td>
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<tr>
<td>330</td>
<td>5W</td>
<td>5%</td>
</tr>
<tr>
<td>360</td>
<td>3W</td>
<td>5%</td>
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<td>3W</td>
<td>5%</td>
</tr>
<tr>
<td>410</td>
<td>5W</td>
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**PLEASE NOTE:** LIMITED QUANTITIES AVAILABLE.

WATTAGES VARY - THOUGH MOST ARE 1/4 WATT

**www.anchor-electronics.com**
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<tr>
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<th>Ic</th>
<th>hre</th>
<th>CASE</th>
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<td>NPN</td>
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<td>50mA</td>
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- **$:** The cost per part or set, as indicated.
- **TRANSISTORS** indicates the category of the parts listed.
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### COAXIAL ADAPTERS

#### Between-Series
- **BNC**
  - male to male $1.64
  - female to female .91
  - female to female 1.25 panel mount
  - male to female 1.89 right angle
  - female to male 3.00 ‘T
- **SMA**
  - male to male 2.27
  - female to female 2.39
  - female to female 3.11 panel mount
  - male to female 2.95
  - female to male 3.84 ‘T

#### In-Series
- **BNC**
  - male to male $.99 ‘F
  - female to female 2/5 ‘F
  - male to female 1.22 UHF
  - female to male 2.30 ‘N
- **SMA**
  - female to female $.60 ‘N
  - male to male 3.26 ‘N

#### Male to Female
- **BNC**
  - male BNC to female SMA 2.84
  - male RCA to female SMA 3.01
  - male BNC to female SMA 3.17
  - male BNC to female SMA 4.16
- **SMA**
  - female SMA to male RCA 1.00
  - female SMA to female RCA 1.00
  - female SMA to male UHF 1.60
  - female SMA to female UHF 2.46
  - female SMA to male TNC 2.92
  - female SMA to female TNC 3.01
  - male SMA to female RCA 1.00
  - female SMA to male mini UHF 2.46

#### Female to Male
- **BNC**
  - female BNC to male RCA 1.00
  - female BNC to male mini UHF 2.46
  - female BNC to male TNC 2.92
  - female BNC to male UHF 1.72
- **SMA**
  - female SMA to male RCA 1.00

### BNC CONNECTORS
- **BNC**
  - Male SOLDER: FOR RG-58 $1.21
  - Male SOLDER: FOR RG-6 1.00 .90 .80
  - Male CRIMP: FOR RG-6 1.50
  - Male CRIMP: FOR RG-6 1.00 .84 .72
  - Male CRIMP: FOR RG-174 2.12
  - Male CRIMP: CHASSIS MOUNT JACK: FOR FEMALE 2.95
  - Male CRIMP: T ADAPTORS:
    - 2- FEM., 1-MALE 1.25 .95
    - 3-FEMALE 3.00 2.70
  - Male CRIMP: SPLICES:
    - DOUBLE MALE 1.64
    - DOUBLE FEMALE .91
  - Male CRIMP: THRU PANEL DOUBLE FEMALE 3.96
  - Male CRIMP: P.C.B. R/A T/R ANGLE FEMALE 1.66
  - Male CRIMP: 75 OHM 1% TERMINATOR 1.25

### BNC CABLES
- **RG-58**
  - MALE TO MALE 3 FT. $2.50
  - 10 FT. $3.95
  - MALE TO MALE 6 FT. $2.95
  - 25 FT. $6.95

### SMA CABLES
- **RG-316/U**
  - MALE TO MALE
  - 6 in. $8.95
  - 24 in. $10.75
  - 12 in. $9.40
  - 36 in. $11.25

### SMER/SMC/SMZ
- **SMER**
  - Female; 2/$1.52
  - Female; 1.25
  - Female; 1.00
  - Female; 1.00

### TEST LEADS
#### EZ-Hook
- **EZ-Hook**
  - 16 inch EZ-Hook
  - 1 each: red, grn, yel, wht
  - 1 each: red, grn, yel, wht
  - 1 each: red, and blk
  - 1000V 10 A
  - 1.00" Panel
  - 1.00" Female
  - 1.00" Female
  - 1.00" Female

#### SMC
- **SMC**
  - Female; 2/$1.50

#### SMZ
- **SMZ**
  - Female; 2/$1.50

#### MCX
- **MCX**
  - Female; 1/$.50

### JUMPER CABLE
#### 0.025" SQUARE
- **EZ-Hook**
  - 1 each red & blk

#### TEST LEADS
- **UNIVERSAL Test Lead Set**
  - 20 awg.
  - 25 awg.
  - 30 awg.
  - 33 awg.
  - 50 awg.

### USB ADAPTERS
- **USB ADAPTERS**
  - 'A' fem. to 'B' male $2.41
  - 'A' male to 'B' fem. 2.41
  - 'A' fem. to 'B' fem. 2.41
  - 'A' male to 'A' male 2.41
  - 'B' male to 'B' male 2.41
  - 'B' fem. to 'B' fem. 2.41
  - 'B' male to 'A' male 2.41
  - 'B' fem. to 'A' fem. 2.41
  - 'A' male to mini-USB (sp-male) 1.32
  - 'A' male to mini-USB (gp-male) 1.32
  - 'A' fem. to 6-pole mini DIN 1.32
  - Micro USB to Type C 1.95

### SOLDERLESS BANANA PLUG
- **Tapered Handle**
  - 2/$3.60
  - 15A 16awg

### INSULATED BANANA JACK
- **15A 16awg**
  - $2.10

### JUMPER CABLE
- **0.025" SQUARE**
  - Female to Female
  - 2.41

### MOLEX PINS
- **FOR .156 HOUSING**
  - 20/$1
  - 0.062" SETS
  - 15/$1
  - 0.062" FEMALE
  - 15/$1
  - 0.093" SIZE FEMALE
  - 15/$1
  - FOR .1" HOUSING
  - 20/$1
  - .062 Diameter MALE
  - 15/$1
  - .062 Diameter FEMALE
  - 15/$1
  - 0.52" DISC DRIVE POWER CONN. & PINS
  - 4-PIN CONN.
  - MALE
  - 3/8" SHELL
  - FEMALE
  - FOR 606020 MALE
  - 15/$1
  - FOR 606019 FEMALE
  - 10/$1

### MOLEX .062" SETS
- **JST 2mm**
  - female pins & housing: 1x2, 1x3, 1x4, 1x5
  - 1x2: two sets/$1.25
  - 1x3: two sets/$1.50
  - 1x4: two sets/$1.75
  - 1x5: one set/$1.00
  - 2x2: one set/$1.25
  - 2x3: one set/$1.95

### WARNING
- **Cancer and/or Reproductive Harm**
  - www.P65Warnings.ca.gov/product

### 75 OHM 1% TERMINATOR
- **1.25**
MINI TOGGLE
SPDT ON-NONE-ON 5A $1.32
SPDT ON-OFF-ON 5A 1.66
SPDT MOM-OFF-MOM 5A 1.50
SPDT ON-NONE-MOM 5A 1.95
DPDT ON-NONE-ON 5A 1.86
DPDT ON-OFF-ON 5A 1.75
TPDT ON-OFF-MOM 6A 2.95
4PDT ON-NONE-MOM 6A 2.95
STANDARD TOGGLE
SPDT ON-NONE-ON 15A 1.50
DIP SWITCHES
2 POS. 75¢ 7 POS. $1.00
3 POS. 75¢ 8 POS. 1.10
4 POS. 79¢ 9 POS. 1.18
5 POS. 83¢ 10POS. 1.26
6 POS. 86¢ 12POS. 1.36
PUSH BUTTON
SPST momentary 0.45” dia round mount
3A 125VAC black, red or green
80¢ each
MICROSWITCHES
C-NO-NC
1AMP $1.00
COM-NO-NC 1AMP 2/$1
ROCKER
1/2” round mount, 30A 120VAC 0.82
12VDC green $2.79
SPDT PCB RIGHT ANGLE 10/51
ALCO MLR200N
DPDT 6A ON-ON 1” LONG ROCKER $1.95
SPST momentary 5A @12VDC 2-5/8” x 1-1/2” $8.51
KEYSWITCH
Oak 4A 120VAC $3.95
ROTOR
2 DECK
1POLE/DECK 2POS. $2.50
4 POLE SPOS. $1.50
2 position 6 pole shorting, 1/8” shaft $2.50
6-PIN DIP 16 POS. (OFF-F) $2.50
WARNING!
3AG PIGTAIL
4/52 100/$8
3/4/1 1/4A 1.25A
2/5A 5A 2.5A
1AMP 2/$1.35
PICO 2/51.20
1/8A 1/2A 1A
1.5A 3A 7A
3/8A 2A 10A
LINE CORDS
2 PRONG * SINGLE-ENDED
WHT right-angle 8’ .75
BLK 16awg 12’ 2.95
for AC/DC power ‘bricks’ and cassette recorders
7A 125VAC 6ft $3.29
LAPTOP AC Pwr.
(Universal) 6ft. Long $4.92
HP TYPE EQUIPMENT CORD
BLK 6’ 18AWG $2.50
BLK 6’, #18, #24 $7.09
BGE 6’ 18AWG $1.75
LINE CORD RECEPTACLE
AS ABOVE
6A 75¢
6A @ 15A $0.84
w/FUSE & SPACE FOR SPARE $1.00
IN-LINE 10A@250V $3.92
FILTERS
10/ 220V
50-60Hz
1 AMP w/LEADS $2.95
3 AMP 3.25
6 AMP w/FUSE HDR $3.95
8 AMP 3.95
10 AMP 3.95
DC Power, too!
Assorted Colors
1.3mm/ 2.1mm/ 2.5mm/ XLR
also stocking red/black/ZIP cord & multi-conductor cable
HEAT SHRINK
4FT 100FT
3/8” .83 11.95
3/32” .88 12.95
1/8” .95 14.95
3/16” 1.15 16.95
1/4” 1.44 19.95
3/8” 1.61 24.95
1/2” 1.81 27.95
3/4’ 2.42 41.95
1” 2.80 ----
1-1/2” 5.50 ----
2” 5.95 ----
3” 3.35 per foot
4” 3.95 per foot
$15.95
KITS
Assorted Sizes
4” lengths 154 pieces
$9.98
Dual Wall - Black Adhesive Liner
4” lengths 37 pieces
$13.98
Colors Stocked:
black
red
orange
green
dark blue
HEAT GUNS
Compact
• 250°C or 350°C $20.38
• 380 - 500°C 100W $60.10
CABLE TIES
4 INCH natural or black
50/$.95 100/$1.75
1K/$9.95 5K/$35.5
6 INCH natural or black
50/$1.80 100/$3.50
1K/$18.
8 INCH natural or black
50/$3.50 100/$6.95
1K/$25
11 INCH natural or black
50/$6.95 100/$12
CABLE TIE/CORD CLIPS/MOUNTS
ADHESIVE BACKED
5/8” SQUARE 10/$1
5/8” X 5/8” 6/$1
6/8” X 5/8” OPENING 8/$1
Screw Down
3/4” X 3/8” Tie Width to .184” 25/$1
3/4” X 3/8” 6/8” Tie Width to .19” 15/$1
(408) 727-3693
www.anchor-electronics.com
The Ultimate in Hand Soldering

using Curie Heat Technology by Thermaltronics

Interchangeable with Metcal, but better!!

- simpler power supply
- 4-year warranty (pwr supply)
- includes one tip (photo shows more...)
- tips are FAR superior (see below...)

$395.

50W Production-Line Soldering Station

470KHz by Thermaltronics

$10.00 each

ETK7SCH025 30° chisel 2.5mm tip
ETK7SCH015 30° chisel 1.5mm tip
ETK7SCH010 30° chisel 1.0mm tip
EK7SSB005 30° sharp bent .51mm tip
EK7SSC010 conical sharp .51mm tip

$230.00

Metcal replacement Tips

by Thermaltronics

increased plating = longer service life

gold plated conn. = better connectivity

faster point-to-point soldering

$17.85 ea. (700°)

<table>
<thead>
<tr>
<th>Thermaltronics No.</th>
<th>Metcal Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M7CH175</td>
<td>STTC-136</td>
<td>chisel 30° tip 2.5mm (0.10&quot;)</td>
</tr>
<tr>
<td>M7CH176</td>
<td>STTC-137</td>
<td>chisel 30° tip 1.78mm (0.07&quot;)</td>
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<tr>
<td>M7CH177</td>
<td>STTC-138</td>
<td>chisel 30° tip 1.5mm (0.06&quot;)</td>
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<tr>
<td>M7CH178</td>
<td>STTC-125</td>
<td>chisel 30° tip 1.0mm (0.04&quot;)</td>
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<tr>
<td>M7CH179</td>
<td>STTC-125P</td>
<td>chisel Hi-Thermal tip 1.0mm (0.04&quot;)</td>
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<tr>
<td>M7CH250</td>
<td>STTC-117</td>
<td>chisel extra large tip 5.0mm (0.20&quot;)</td>
</tr>
<tr>
<td>M8CH250</td>
<td>STTC-817</td>
<td>chisel extra large tip 5.0mm (0.20&quot;) 800°</td>
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<tr>
<td>M7SB275</td>
<td>STTC-126</td>
<td>sharp bent 30° tip 0.4mm (0.016&quot;)</td>
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<tr>
<td>M7SB276</td>
<td>STTC-144</td>
<td>sharp bent 30° tip 0.5mm (0.02&quot;)</td>
</tr>
</tbody>
</table>

TIP TINNER  increase tip life  better heat

1oz. block $8.21

Weller/Plato equiv. Tips

- PTA7 .062" x .62" x 700° screwdriver $3.65
- PTP8 .031" x .62" x 800° conical $2.95
- PTR7 .062" x .62" x 700° narrow screwdrvr $3.48
- PST7 .015" x 1" x 700° long conical $4.55
- ETA 1/16" tip screwdriver $5.15
- ETK 3/64" tip long screwdriver $5.20

many more in stock...

Solder Aids

- chip holder • lever
- fork shaft • scraper
- needle • hook • knife
- reamer • brush

$8.01

4-pc. Probe Set

- stainless steel
- hook, curve, straight, angle
- vinyl pouch

$7.01

Tip Cleaner

- low abrasive brass shavings
- needs no water
- cleans better than sponge

$6.51

Helping Hands

- two fully adjustable arms
- alligator clip on each arm
- cast iron base

$7.01

- as above plus;
- 2" dia. 2.5x magnifier

$8.01

Octopus helping hands

- clamps to thickness 1.5" or less
- magnifier is 2.5x, 2" diameter
- incl. magnet arm & (4) stay-put arms

$10.02

Cancer and/or Reproductive Harm

www.P65Warnings.ca.gov/product

WIRE WRAPPING

30 AWG 105°C KYNAR*

<table>
<thead>
<tr>
<th>SPOLLS</th>
<th>WIRE WRAP POSTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Level Tin</td>
<td>0.025&quot; sq.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAND TOOL</th>
<th>WIRE WRAP ID TAGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRAP/WRAP &amp; STRIP</td>
<td>$24.95</td>
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</tbody>
</table>

SPOOLS

- 2-7/8" sq.
  - .305 $3.50
  - .305/3/4" x 4" $2.25

- 2-7/8" sq.
  - .305 10/30.70

- 1-3/4" x 4" $3.50

SOLDER WARNING

Cancer and/or Reproductive Harm

www.P65Warnings.ca.gov/product

SOLDER SUCKERS

- 6.5" ANTI-STATIC; RUGGED METAL; MINI-TIP
  - $7.99 repl. tip $3.03
- 8" HI-VACUUM FORCE; PLASTIC; HI-QUALITY
  - $3.71 repl. tip $1.91
- 13" HEAVY DUTY PLASTIC; TEFLON TIP
  - $5.99 repl. tip $2.46

SPOONES

- 2-7/8" sq.
  - .305 $3.50

- 2-7/8" sq.
  - .305/3/4" x 4" $2.25

- 1-3/4" x 4" $3.50

WIRE WRAP WIRE

- 3 Level Tin

- 0.025" sq.

- 105°C KYNAR

- 30 AWG

Cancer and/or Reproductive Harm

www.P65Warnings.ca.gov/product

www.anchor-electronics.com

(408) 727-3693
**VARIABLE TRANSFORMER**

- **Input:** 110 to 120 VAC
- **Output:** < 4VAC to line voltage + 10%
- 4 foot line cord
- 5 amp fuse
- Lighted switch

**500VA**

- **Price:** $99.94

**WARNING!**

The product on this page can expose you to chemicals including DEHP &/or Lead which is [are] known to the state of California to cause cancer, birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

**HEATSINKS**

**DIMENSIONS ARE IN INCHES (WxLxH)**

- **TO-220**
  - 3/4” x 3/4” x 3/8”
  - 30¢
- **CLIP-ON**
  - 1 x 1/2 x 1-1/4
  - 20¢
- **“WINGED”**
  - 1-3/4 x 1-1/4 x 3/8
  - 20¢
- **TO-3**
  - 1-3/4 x 1-3/4 x 1-1/4
  - 15¢
- **TO-5**
  - 1/2” Diameter
  - 3/8” High
  - 20¢
- **PGA**
  - CLIP-ON HEAT SINK FOR 486, 586, 860, 960
  - 40¢
- **Heat Sink Compound**
  - 4 gram Pouch
  - $1.65
  - 2 oz. Jar
  - $10.75
  - 5 oz. Tube
  - $17.95
- **Double-Sided Tape**
  - Thermally Conductive
  - 30 x 90mm
  - $2.75

**TERMINAL BLOCKS**

- **Euro-Mag**
  - 15A @ 300V
  - 105°C
  - 2 x 12
  - 1 x 2 $1.26
  - 1 x 6 $0.85c
  - 1 x 10 $1.50
- **Euro Style Cut-able Nylon**
  - 105°C
  - 20A
  - 30A $2.17
  - $0.60V
- **Heavy Duty 30A**
  - 300V
  - 130°C
  - 2 x 2
  - 2 x 3 $1.74
  - 2 x 4 $2.29
  - 2 x 6 $3.56
  - 2 x 8 $4.71
  - 2/88c
- **PCB**
  - 0.2” lead spacing
  - blocks slide together
  - 16A 120° C
  - wire guards
  - access holes for test probes
- **2 pos. 3 pos.**
  - 3/$1 2/$1

**POWER PUNCH**

- **17 - piece KIT**
  - 7 sets of punches & dies
  - Hardened to C50-52
  - Will pierce up to 16awg steel
  - $41.67

**HEATSINKS**

- **3.75” x 5.25” x 2.625”**
  - Short circuit protection
  - Switch to 3, 4.5, 6, 7.5, 9, or 12VDC
  - Heavy duty red & black binding posts
  - $48.80

**REGULATED POWER SUPPLY**

- **3.75” x 5.25” x 2.625”**
  - Short circuit protection
  - Switch to 3, 4.5, 6, 7.5, 9, or 12VDC
  - Heavy duty red & black binding posts
  - $48.80

**FANS**

- **30mm**
  - 5VDC $3.95
  - 40mm 12VDC $5.95
  - 50mm 12VDC $6.95
  - 80mm 12VDC $6.95
  - 80mm 24VDC $3.95
  - 80mm 240VAC $11.95
  - 120mm 12VDC $8.95
  - 120mm 24VDC $5.95
  - 120mm 115VAC $5.95
  - 127mm 120VAC $7.95
  - CPU COOLER
    - SNAP-ON 12VDC $7.95
- **40mm**
  - GUARD $1.50
  - GUARD 1.50
  - GUARD 1.50
  - GUARD 1.50
  - GUARD 1.50
  - FAN CORD 75¢

**STEP UP/DOWN TRANSFORMER**

- **110VAC to 220VAC**
  - 300 watt $57.70
  - 500 watt $87.02
  - or
  - **220VAC to 110VAC**
  - 300 watt $57.70
  - 500 watt $87.02

**SOLDER LUGS**

- **15/$1**
- **2/$1**

**AC to DC WALL ADAPTORS**

- **110VAC IN**
  - 5V 1A $4.95
  - 5V 4A $9.95
  - 5.7V 6A $2.95
  - 9V .6A $3.95
  - 9V 1A $3.95
  - 12V .6A $4.25
  - 12V 1A $6.95
  - 12V 2A $7.95
  - 12V 3A $8.95
  - Univ. 0.5A $4.95

**WARNING**

Cancer and/or Reproductive Harm  www.P65Warnings.ca.gov/product

Visit our ‘Shop Online’ for a more complete selection of tools...

www.anchor-electronics.com

(408) 727-3693
CHEMICALS in stock at Anchor Electronics

Visit our 'Shop Online' for a more complete selection of chemicals...

www.mgchemicals.com

EMI / RFI SHIELDING
Nickel Coating
Spray-on
12oz. $36.95
Liquid
1 gal. $525.00

Ozone Safe
SUPER DUSTER
100% HFC Gas
10oz. $8.95

SUPER FREEZE
chills to -60°F
Zero Residue
10oz. $15.75

2-Part EPOXIES
5-min. Dual Syringe
84 fl. oz. $10.95
Silver Conductive
35oz. $54.75
Thermally Conductive
15 oz. $47.95

SUPER GLUE
0.11oz. Liquid $2.65
1 oz. Liquid 9.45

ALCOHOL
99.953% Pure
34oz. Bottle $12.45
4.2oz. Bottle $7.95

LIQUID FLUX
Resin
4.2oz. $8.95
34oz. Bottle 19.95
No-Clean
1/3oz. Pen $4.95

FLUX REMOVER
Heavy Duty
15oz. $17.95
Zero Residue
12oz. $15.95
w/ Silicones
12oz. $17.95
w/ Poly Phenyl Ether
4.4oz. $19.95

LIQUID FLUX
Rosin
4.2oz. $8.95
34oz. Bottle 19.95
Safe On Plastics
14oz. $17.95

SILICONE GREASE
3oz. $12.95
Translucent
Silicone
RTV
2.8oz. $9.95

CONFORMAL COATING
Silicone Spray
12oz. $23.95
Green Overcoat Pen
0.16oz. $13.95

CONTACT CLEANER
Zero Residue
12oz. $13.95
w/ Silicones
12oz. $17.95
w/ Poly Phenyl Ether
4.4oz. $19.95

SUPER FREEZE
chills to -60°F
Zero Residue
10oz. $15.75

SUPER GLUE
0.11oz. Liquid $2.65
1 oz. Liquid 9.45

EMI / RFI SHIELDING
Nickel Coating
Spray-on
12oz. $36.95
Liquid
1 gal. $525.00

ALCOHOL
99.953% Pure
34oz. Bottle $12.45
4.2oz. Bottle $7.95

LIQUID FLUX
Resin
4.2oz. $8.95
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SUPER FREEZE
chills to -60°F
Zero Residue
10oz. $15.75

SUPER GLUE
0.11oz. Liquid $2.65
1 oz. Liquid 9.45

Creating Your Own Printed Circuit Board

* We have a step-by-step typewritten 'how-to'...
  - use a CAD program to lay it out
  - print the artwork on an inkjet printer
  - warm the etchant
  - expose the board
  - develop the board
  - etch the board
  - strip off the film
  - tin plate the board (optional)

We stock:
Presensitized Positive
Copper Clad Board
3” x 5” Single sided $8.95
4” x 6” Single sided 9.95
6” x 6” Double sided 15.25

Developer 17 fl. oz. $14.75
Liquid Tin 4.2 fl. oz. 27.95
Ferric Chloride 34oz. 18.95
Laser Printer Transparencies (5) 8.5 x 11 $8.95

Silver CONDUCTIVE EPOXY
0.35oz. 10-min. $54.75

CONNECTOR COATING
Waterproof Pliable
2oz. $19.95

RED VARNISH
For Insulating
2oz. $12.95

SUPER CORONA DOPE
2oz. $13.95

TAPE
ELECTRICAL
7mil 3/4" x 20yd.
bik, red, wth $1.95
brown, org, yel, grn, blu, vio, gry 95c

COPPER
2.6mil 18 yard rolls
1/4" $9.95
1/2" $14.95

POLYIMIDE
1mil 36 yard rolls
1/4" $6.75
1/2" $13.50
3/4" $18.75
1" $19.95
2" $36.95

Some of the products on this page may contain Proposition 65 ingredients, please read the label carefully prior to purchase.

For more information go to www.P65Warnings.ca.gov.

TAPE
Double-Sided
Thermally Conductive
30 x 90mm strip $2.75

TAPE
• Silicone • Bonds to itself
• No adhesive • No residue
• Insul. to 8kV • 500°
• black, red, white or clear
• Made in U.S.A.
• 10’ roll $4.95

TAPE
electrical
7mil 3/4" x 20yd.
bik, red, wth $1.95
brown, org, yel, grn, blu, vio, gry 95c

www.anchor-electronics.com
### Raspberry Pi I/O Solutions by Sequent Microsystems

#### MEGA I/O for Home Automation
- Eight on-board relays
- Eight 12-bit ADC channels
- One 12-bit DAC output
- Eight opto-isolated inputs
- Four open drain outputs
- 29 GPIOs (23 GPIOs from Raspberry Pi + 6 new)
- Four layer stackable
- Configurable interrupts
- Command line, JavaScript, Python, CODESYS

**Price:** $35

#### Relay Board Add-On
- Eight 10A on-board relays
- Eight layer stackable
- Add up to 64 relays to your Raspberry Pi
- Command line, Python drivers

**Price:** $25

#### Super Watchdog
- Hardware watchdog and battery backup for all Raspberry Pi boards.

**Price:** $25

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#### I/O Breakout Board
- Routes all 40 I/O and power pins to screw terminal blocks
- Permits easy and secure field installation

**Price:** $12

#### DIN-Rail Mounting Kit

**Price:** $10

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#### HDE15 High Density D-Sub Breakout Board
Converting a staggered 3-row D-sub connector to an endlessly useful 0.1” 2-row. Pins are one-to-one.

**Price:** $6.75

#### KITS some assembly required...
This is a break-out card which makes it easy to access the various outputs from an ATX power supply.

- **ATX Power Break-Out Card** ... ATXPD **$19.95**

The power distribution card is a break-out card which makes it easy to control, protect, and distribute power from a battery.

- **15 Amp Power Distribution** ... PD15 **$19.95**

The power distribution card is a break-out card which makes it easy to control, protect, and distribute power from a battery. (25 amp)

- **Power Distribution Card** .. PD25 **$23.95**

The Quad Slide Potentiometer Card provides four slide pots with a 10 bit ADC on each pot. The tip of each pot is illuminated with a red LED making the pots easy to see in dim lighting.

- **Quad Slide Pot** ... SW4 **$15.95**

The Audio Amplifier Card uses the diodes PAM4808 Class D amplifier to give up to 2 watts audio power. 85% power efficiency, 5V input, 32 steps of volume control and mute.

- **Stereo Audio Amplifier** ... AAMP **$17.95**

The Quad Open Drain Driver Card provides four open-drain N-FETs. Combined current on all FETs is limited to 15 Amps.

- **Quad Open Drain Driver** ... DRV4 **$19.95**

#### from China - Arduino Compatible - modules/accessories

<table>
<thead>
<tr>
<th>Module</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uno</td>
<td></td>
</tr>
<tr>
<td>r.3</td>
<td>$11.95</td>
</tr>
<tr>
<td>r.2</td>
<td>$9.50</td>
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<tr>
<td>5V Relay Shield</td>
<td>$6.95</td>
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<tr>
<td>Motor L293D Shield</td>
<td>$5.25</td>
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<tr>
<td>Ethernet Shield</td>
<td>$12.95</td>
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<tr>
<td>Sensor Shield</td>
<td>$3.95</td>
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<tr>
<td>Prototyping Shield</td>
<td>$2.95</td>
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<tr>
<td>Starter Kit</td>
<td>$49.95</td>
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</tbody>
</table>

- **Mega 2560** ........ $18.95
- **Nano 3.0** ........ $5.95
- **Pro Micro 32u4** ...... $7.95
- **Yun r. 1.1.6** ........ $44.95

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#### Solder-less Breadboards

**2.625 x 3.375** **$4.55**

**2.25 x 6.5** **$14.25**

**5 x 7** **$21.50**

**Jumper Wire Kit** **$6.95**

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Visit www.anchor-electronics.com for more details.
### Embedded Test Solutions by Overton Instruments

**www.overtoninstruments.com**

<table>
<thead>
<tr>
<th>Product Line</th>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USB Controllers by Prologix</strong></td>
<td>Can operate in listener, talker, or controller mode.</td>
<td>$149.95</td>
</tr>
<tr>
<td><strong>Ethernet Controllers</strong></td>
<td>Can operate in controller or device mode.</td>
<td>$199.95</td>
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</table>

**Digital I/O Module**
- 24 Digital I/O lines
- Each bit is independently programmable
- Convenient hardware access, screw terminals or single header
- Board measures 2.5" x 2.75"

**Digital I/O Module**
- 16 opto-isolators (8 inputs, 8 outputs)
- Isolation to 5000v rms
- Output drive, 80Vdc max (150mW max)
- Input voltage, 3 to 30Vdc
- Convenient hardware access, screw terminals or single header
- Board measures 2.5" x 2.75"

**Digital I/O Module**
- 48 Digital I/O lines
- Each bit is independently programmable
- Convenient hardware access, screw terminals or single header
- Board measures 2.5" x 2.75"

**Expanded I/O Module**
- (12) 8-bit digital I/O ports (96 bits)
- Each port is independently programmable for input or output configuration
- Fully TTL compatible, ±25mA source/sink each bit
- Board measures 2.5" x 2.75"

**16-bit Input Opto-Isolators**
- Isolation to 5000v rms
- Input voltage, 3 to 30V dc
- LED’s indicate active inputs
- Board measures 2.5" x 2.75"

**16-bit Output Opto-Isolators**
- Isolation to 5000v rms
- Output voltage, max 80Vceo
- LED’s indicate active inputs
- Board measures 2.5" x 2.75"

**Load Driver Modules**
- Quickly switch inductive loads (i.e., Relays, Solenoids, Lamps, Heating elements, cooling Fans, and small DC motors)
- Each channel has a built-in Zener Clamp (to eliminate free-wheeling diode)
- 500mA max load drive on each channel
- LED indicate each active channel
- Convenient screw terminals or box header for user connections
- Board measures 2.5" x 2.75"

**Short Finder Module**
- Verify “key” test points in <1sec
- 8 DPST relays isolate measurement
- LED’s indicate on all active relay channels
- Board measures 2.5" x 2.75"

**Signal Multiplexer Module**
- 16 Channel
- 16 x 2 x 1 Mux (16 relays, 2-planes and 1 common output)
- LED indicate each active channel
- Convenient screw terminals or box header for user connections
- Board measures 2.5" x 2.75"
## TOTAL PHASE

the ABC’s of
Host Adapters and Protocol Analyzers...

### HOST ADAPTERS

<table>
<thead>
<tr>
<th>Host Adapter</th>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aardvark</td>
<td>I2C/SPI Host Adapter</td>
<td>TP240141</td>
<td>$300.</td>
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<tr>
<td>Cheetah</td>
<td>SPI Host Adapter</td>
<td>TP280121</td>
<td>$350.</td>
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### PROTOCOL ANALYZERS

<table>
<thead>
<tr>
<th>Protocol Analyzer</th>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beagle USB12</td>
<td>USB Protocol Analyzer</td>
<td>TP320221</td>
<td>$400.</td>
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</table>

### CABLES

- 10-pin Split Cable TP240212 $27.

### TEST BOARDS

<table>
<thead>
<tr>
<th>Test Board</th>
<th>Description</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>I2C/SPI Activity Board</td>
<td></td>
<td>TP240310</td>
<td>$54.</td>
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<tr>
<td>Level Shifter Board</td>
<td></td>
<td>TP240610</td>
<td>$96.</td>
</tr>
<tr>
<td>High Speed SPI Flash Demo</td>
<td></td>
<td>TP280210</td>
<td>$45.</td>
</tr>
</tbody>
</table>

### POLICY

* Prices Subject To Change Without Notice.
* All Sales Are Final.
* We Only Label Parts That Are Unmarked.
* Checkwriters Must Meet The Following:
  1. Have A Valid CA Driver’s License.
  2. Have A Local Residence Address; (Within A Twenty Mile Radius.)
* Anchor Reserves The Right To Refuse Any Check.
* $20. Fee On Returned Checks.
* Any Discrepancy Or Shortage Must Be Reported The Same Day As The Order Is Received.
* Any Claims Of Defective Parts Must Be Reported Within 14 Days Of Purchase And Are Subject To Approval By Management. Receipt Must Accompany Return. No Returns On Soldered Or Damaged Parts.
* Mailorder/Phoneorder Payment; VISA, Mastercard, AmEx, Discover
* No C.O.D.
* We Ship Via FedEx or USPS.
* We Ship To USA & Canada Addresses Only.

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www.anchor-electronics.com  (408) 727-3693