

The Depot Catalog



We accept



ECE Depot Catalog

| | |
|---|-----------|
| Actuators | Pg. 31 |
| Alligator Clips and Alligator Clip Test Leads | Pg. 16 |
| Adhesives | Pg. 28 |
| Banana Plugs, Jacks, and Patch Cords | Pg. 9 |
| Barrier Strips | Pg. 22 |
| Batteries and Battery Holders | Pg. 14 |
| Binding Posts | Pg. 9 |
| Boxes, Storage and Project | Pg. 25 |
| Breadboards | Pg. 27 |
| Buzzers | Pg. 25 |
| Coaxial Cables | Pg. 10 |
| Cable Clamps | Pg. 10 |
| Cables Misc. | Pg. 29 |
| Cable Parts, Custom | Pg. 25 |
| Cable Ties | Pg. 10 |
| Capacitors: Ceramic, Polypropylene, Polyester, Mylar, Bipolar, Variable | Pg. 11 |
| Capacitors: Electrolytic | Pg. 11-13 |
| Chemicals: Lubricants, Freeze Spray, etc. | Pg. 28 |
| Cleaning Supplies | Pg. 28 |
| Coaxial Connectors: BNC, N, SMA, UHF | Pg. 10 |
| Communications Devices | Pg. 27 |
| Connectors: Audio and DC Power: RCA, phono, 2.1mm, 2.5mm, 3.5mm | Pg. 31 |
| Connectors: D-sub, Ribbon, Cinch, and Test | Pg. 13-14 |
| Connectors: Spade, Lug, Ring | Pg. 22 |
| Connectors: Misc., XT | Pg. 9 |
| Crystals | Pg. 25 |
| DC/DC Converters | Pg. 17 |
| Diodes | Pg. 4 |
| Displays, LED & LCD | Pg. 22 |
| Electrode, ECG | Pg. 25 |
| Fuses | Pg. 15 |
| Fuse Holders | Pg. 14 |
| Gaskets | Pg. 9 |
| Grabbers | Pg. 16 |
| Grommets | Pg. 22 |
| Hall Effect Sensors | Pg. 30 |
| Hardware, Circuit Board Mounting | Pg. 26 |
| Header Strips | Pg. 15 |
| Heat-shrink Tubing | Pg. 10 |
| Heat Sinks | Pg. 19 |
| Hole Plugs | Pg. 10 |
| Humidity Sensor | Pg. 25 |
| ICs | Pg. 17 |
| IC, Digital Application Chart | Pg. 21 |
| IC, Linear Application Chart | Pg. 18 |
| IC Sockets and Socket Tags | Pg. 16 |

| | |
|--|-----------|
| Inductors | Pg. 5 |
| Joysticks | Pg. 25 |
| Knobs | Pg. 19 |
| Lamps | Pg. 22 |
| LEDs | Pg. 22 |
| Magnets | Pg. 25 |
| Microphones | Pg. 30 |
| Motors, servomotors | Pg. 30 |
| Photocells | Pg. 25 |
| Phototransistors | Pg. 25 |
| Plug-in Power Adapters | Pg. 29 |
| Potentiometers | Pg. 20 |
| Printing Cartridges: Inkjet and Laser | Pg. 5 |
| Project Boxes | Pg. 29 |
| Programmers, Development systems | Pg. 27 |
| Prototyping Tools | Pg. 27 |
| Relays | Pg. 25 |
| Resistors | Pg. 6-8 |
| Rubber Feet | Pg. 22 |
| Safety Supplies | Pg. 27 |
| Sensors | Pg. 30 |
| Solar Cell | Pg. 25 |
| Solder, Soldering Tools, and Replacement Parts | Pg. 27 |
| Solenoids | Pg. 30 |
| Speakers | Pg. 25 |
| Static Protection | Pg. 25 |
| Strain Relief | Pg. 22 |
| Switches | Pg. 23 |
| Tape | Pg. 28 |
| Temperature Sensor | Pg. 25 |
| Thermistor | Pg. 25 |
| Transistors: Silicon NPN, Silicon PNP, Germanium PNP, N-Channel JFET, etc. | Pg. 24 |
| Water Valve | Pg. 30 |
| Wire and Cable | Pg. 23-24 |
| Wire Marker Tape | Pg. 28 |

Diodes

Zener Diodes

| 400 mW | | | 500 mW | | | 5 W | | |
|--------|-------|------|--------|------|------|--------|------|------|
| P/N | Vz | 125- | P/N | Vz | 125- | P/N | Vz | 125- |
| 1N4372 | 3.0V | 1001 | 1N5222 | 2.5V | 1000 | 1N5342 | 6.8V | 1010 |
| 1N748 | 3.9V | 1004 | 1N5231 | 3.6V | 1003 | 1N5360 | 25V | 1032 |
| 1N750 | 4.7V | 1005 | 1N5231 | 5.1V | 1006 | 1N5364 | 33V | 1035 |
| 1N752 | 5.6V | 1007 | 1N5260 | 43V | 1007 | | | |
| 1N753 | 6.2V | 1009 | | | | | | |
| 1N755 | 7.5V | 1011 | | | | | | |
| 1N759 | 12.0V | 1020 | | | | | | |
| 1N964 | 13.0V | 1022 | | | | | | |
| 1N965 | 15V | 1024 | | | | | | |
| 1N968 | 20V | 1030 | | | | | | |
| 1N974 | 36V | 1036 | | | | | | |

1 W

| P/N | Vz | 125- |
|---------|------|------|
| 1N4728 | 3.3V | 1002 |
| 1N4734A | 5.6V | 1008 |
| 1N4740 | 10V | 1017 |

Switching Diodes

| P/N | 123- |
|----------------|------|
| 1N914 (1N4148) | 1000 |
| 1N4149 | 1001 |

Bridge Diodes

| P/N | 121- |
|-------|------|
| rb153 | 1002 |
| vm08 | 1001 |

Rectifier Diodes

| P/N | PIV | mA | 120- |
|--------|------|------|------|
| 1N464 | 150 | 40 | 1017 |
| 1N4001 | 50 | 1000 | 1075 |
| 1N4002 | 100 | 1000 | 1015 |
| 1N4003 | 200 | 1000 | 1018 |
| 1N4007 | 1000 | 1000 | 1016 |
| 1N4933 | 50 | 1000 | 1070 |
| 1N5404 | 400 | 3000 | 1014 |
| 1N5817 | 20 | 1000 | 1073 |
| 1N5818 | 30 | 1000 | 1072 |
| 1N5822 | 40 | 3000 | 1074 |
| 6A4 | 400 | 6000 | 1013 |
| 6A10 | 1000 | 6000 | 1012 |

Inductors

(uH)

0.33, 2.15A, 65mΩ
 0.47, 750 mA, 250mΩ
 0.68, 1.2A, 160mΩ
 1.0, 1.2A, 160mΩ
 1.5, 570mA, 300mΩ
 2.2, 520mA, 350mΩ
 3.3, 420mA, 500mΩ
 4.7, 820mA, 340mΩ
 6.8, 90mA, 370mΩ
 8.2, 4.5A, 28mΩ
 10, 680mA, 490mΩ
 12, 190mA, 2.4Ω
 15, 610mA, 600mΩ
 18, 580mA, 670mΩ
 22, 560mA, 740mΩ

(uH)

27, 480mA, 1.3Ω
 33, 300mA, 1.12Ω
 47, 450mA, 1.1Ω
 47, 3.2A, 63mΩ
 100, 370mA, 1.7Ω
 100, 2.1A, 108mΩ
 150, 280mA, 2.8Ω
 220, 130mA, 5.8Ω
 330, 280mA, 2.8Ω
 470, 90mA, 12Ω
 680, 150mA, 10Ω
 680, 180mA, 6.1Ω

(mH)

1.0, 60mA, 31.4Ω
 1.0, 130mA, 14Ω
 1.0, 200mA, 2.3Ω
 1.5, 158mA, 3.45Ω
 2.2, 158mA, 4.48Ω
 3.3, 128mA, 6.56Ω
 4.7, 100mA, 10.5Ω
 6.8, 82mA, 16.3Ω
 10, 50mA, 25Ω
 10, 50mA, 26.4Ω
 100, 20mA, 235Ω

Adjustable Inductors

various ranges
 adjustable from
 .19 uH - .25 uH
 to
 20mH - 60 mH

Ferrite Rod

Mn-Zn, 5.5" X 0.4"

Inkjet and Laser Printer Cartridges

Epson Inkjet Cartridges

T003011 Black
 T005011 Tricolor

Laser Jet Toner Cartridges

| | |
|---------|---|
| HP 05A | Xerox 3220 |
| HP 05X | Xerox/Black Toner/Hi-Capacity/Phaser 3600 |
| HP 10A | Xerox/Cyan Toner/Hi-Capacity/Phaser 3600 |
| HP 11A | Xerox/Magenta Toner/Hi-Capacity/Phaser 3600 |
| HP 12A | Xerox/Yellow Toner/Hi-Capacity/Phaser 3600 |
| HP 26X | Xerox/Black Toner/Hi-Capacity/Phaser 3600dn |
| HP 27X | Xerox/Black Toner/Hi-Capacity/Phaser 6027 |
| HP 42A | Xerox/Cyan Toner/Hi-Capacity/Phaser 6027 |
| HP 49A | Xerox/Magenta Toner/Hi Capacity/Phaser 6027 |
| HP 51A | Xerox/Yellow Toner/Hi-Capacity/Phaser 6027 |
| HP 53A | Xerox/Black Toner/Hi-Capacity/Phaser 6180 |
| HP 53X | Xerox/Cyan Toner/Hi-Capacity/Phaser 6180 |
| HP 64A | Xerox/Magenta Toner/Hi-Capacity/Phaser 6180 |
| HP 78A | Xerox/Yellow Toner/Hi-Capacity/Phaser 6180 |
| HP 80X | Xerox/Black Toner/Hi-Capacity/Phaser 6280 |
| HP 85A | Xerox/Cyan Toner/Hi-Capacity/Phaser 6280 |
| HP 92A | Xerox/Magenta Toner/Hi-Capacity/Phaser 6280 |
| HP 96A | Xerox/Yellow Toner/Hi-Capacity/Phaser 6280 |
| HP 128A | Xerox/Black Toner/Hi-Capacity/Phaser 6500 |
| | Xerox/Cyan Toner/Hi-Capacity/Phaser 6500 |
| | Xerox/Magenta Toner/Hi Capacity/Phaser 6500 |
| | Xerox/Yellow Toner/Hi-Capacity/Phaser 6500 |
| | Brother TN750 compatible |

Resistors

1/4W 1% Metal Film

| Ohms | Ohms | Ohms | Ohms | K Ohms | K Ohms | K Ohms | K Ohms | K Ohms | K Ohms | K Ohms | M Ohm |
|------|------|------|------|--------|--------|--------|--------|--------|--------|--------|-------|
| 10.0 | 52.3 | 154 | 357 | 1.00 | 3.09 | 9.09 | 26.7 | 78.7 | 237 | 698 | 1.00 |
| 11.0 | 53.6 | 158 | 365 | 1.02 | 3.16 | 9.31 | 27.4 | 80.6 | 243 | 715 | 2.21 |
| 12.1 | 54.9 | 162 | 374 | 1.06 | 3.24 | 9.53 | 28.0 | 82.5 | 249 | 732 | 4.75 |
| 13.0 | 56.2 | 165 | 383 | 1.07 | 3.32 | 9.73 | 28.7 | 84.5 | 255 | 750 | 10.0 |
| 14.0 | 57.6 | 169 | 392 | 1.10 | 3.40 | 10.0 | 29.4 | 86.6 | 261 | 768 | 15.0 |
| 15.1 | 59.0 | 174 | 402 | 1.13 | 3.48 | 10.2 | 30.1 | 88.7 | 267 | 787 | 30.0 |
| 15.8 | 60.4 | 178 | 412 | 1.15 | 3.57 | 10.5 | 30.9 | 90.9 | 274 | 806 | 49.9 |
| 16.9 | 61.9 | 182 | 422 | 1.18 | 3.65 | 10.7 | 31.6 | 93.1 | 280 | 825 | |
| 18.2 | 63.4 | 187 | 432 | 1.21 | 3.74 | 11.0 | 32.4 | 95.3 | 287 | 845 | |
| 19.1 | 64.9 | 191 | 442 | 1.24 | 3.83 | 11.3 | 33.2 | 97.6 | 294 | 866 | |
| 20.0 | 66.5 | 193 | 453 | 1.27 | 3.92 | 11.5 | 34.0 | 100 | 301 | 909 | |
| 21.0 | 68.1 | 196 | 464 | 1.30 | 4.02 | 11.8 | 34.8 | 102 | 309 | 931 | |
| 22.1 | 69.8 | 198 | 475 | 1.33 | 4.12 | 12.1 | 35.7 | 105 | 316 | 953 | |
| 23.2 | 71.5 | 200 | 487 | 1.37 | 4.22 | 12.4 | 36.5 | 107 | 324 | 976 | |
| 24.3 | 73.2 | 203 | 499 | 1.40 | 4.32 | 12.7 | 37.4 | 110 | 332 | | |
| 24.9 | 75.0 | 205 | 511 | 1.43 | 4.42 | 13.0 | 38.3 | 113 | 340 | | |
| 26.1 | 76.8 | 210 | 523 | 1.47 | 4.53 | 13.3 | 39.2 | 115 | 348 | | |
| 26.7 | 78.7 | 215 | 526 | 1.50 | 4.64 | 13.7 | 40.2 | 118 | 357 | | |
| 27.4 | 80.6 | 221 | 536 | 1.54 | 4.75 | 14.0 | 41.2 | 121 | 365 | | |
| 28.0 | 82.5 | 226 | 549 | 1.58 | 4.87 | 14.3 | 42.2 | 124 | 374 | | |
| 28.7 | 83.6 | 232 | 562 | 1.62 | 4.99 | 14.7 | 43.2 | 127 | 383 | | |
| 29.4 | 84.5 | 234 | 576 | 1.65 | 5.11 | 15.0 | 44.2 | 130 | 392 | | |
| 30.1 | 88.7 | 237 | 590 | 1.69 | 5.23 | 15.4 | 45.3 | 133 | 402 | | |
| 30.9 | 90.9 | 243 | 604 | 1.82 | 5.36 | 15.8 | 46.4 | 137 | 412 | | |
| 31.6 | 93.1 | 249 | 619 | 1.87 | 5.49 | 16.2 | 47.5 | 140 | 422 | | |
| 32.4 | 95.3 | 255 | 634 | 1.91 | 5.62 | 16.5 | 48.7 | 143 | 432 | | |
| 33.2 | 97.6 | 258 | 649 | 1.96 | 5.76 | 16.9 | 49.9 | 147 | 442 | | |
| 34.0 | 100 | 261 | 665 | 2.00 | 5.90 | 17.4 | 51.1 | 150 | 453 | | |
| 34.8 | 102 | 267 | 681 | 2.05 | 6.04 | 17.8 | 52.3 | 154 | 464 | | |
| 35.7 | 105 | 271 | 698 | 2.10 | 6.19 | 18.2 | 53.6 | 162 | 475 | | |
| 36.5 | 107 | 274 | 715 | 2.15 | 6.34 | 18.7 | 54.9 | 165 | 487 | | |
| 37.4 | 110 | 280 | 732 | 2.21 | 6.49 | 19.1 | 56.2 | 169 | 499 | | |
| 38.3 | 113 | 287 | 750 | 2.26 | 6.65 | 19.3 | 57.6 | 174 | 511 | | |
| 39.2 | 115 | 291 | 768 | 2.32 | 6.81 | 20.0 | 59.0 | 178 | 523 | | |
| 40.2 | 118 | 294 | 787 | 2.37 | 6.98 | 20.5 | 60.4 | 182 | 536 | | |
| 41.2 | 121 | 298 | 806 | 2.43 | 7.15 | 21.0 | 61.9 | 187 | 549 | | |
| 42.2 | 124 | 301 | 825 | 2.49 | 7.32 | 21.5 | 63.4 | 191 | 562 | | |
| 43.2 | 127 | 309 | 845 | 2.55 | 7.50 | 22.1 | 64.9 | 196 | 576 | | |
| 44.2 | 130 | 312 | 866 | 2.61 | 7.68 | 22.6 | 66.5 | 200 | 590 | | |
| 45.3 | 133 | 316 | 887 | 2.67 | 7.87 | 23.2 | 68.1 | 205 | 604 | | |
| 46.4 | 137 | 324 | 909 | 2.74 | 8.06 | 23.7 | 69.8 | 210 | 619 | | |
| 47.5 | 140 | 328 | 931 | 2.80 | 8.23 | 24.3 | 71.5 | 215 | 634 | | |
| 48.7 | 143 | 332 | 976 | 2.87 | 8.45 | 24.9 | 73.2 | 221 | 649 | | |
| 49.9 | 147 | 340 | | 2.94 | 8.66 | 25.5 | 75.0 | 226 | 665 | | |
| 51.1 | 150 | 348 | | 3.01 | 8.87 | 26.1 | 76.8 | 232 | 681 | | |

Resistors Continued

1/4 watt 5%

1/2 watt 5%

1 watt 5%

| Ohms | K Ohms | M Ohms | Ohms | K Ohms | M Ohms | Ohms | K Ohms | M Ohms |
|------|--------|--------|------|--------|--------|------|--------|--------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 2.7 | 1.2 | 1.2 |
| 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 3.3 | 1.5 | 1.5 |
| 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 3.9 | 1.8 | 1.8 |
| 2.2 | 2.0 | 2.2 | 2.2 | 2.0 | 2.2 | 4.7 | 2.2 | 2.2 |
| 2.7 | 2.2 | 2.7 | 2.7 | 2.2 | 3.3 | 5.6 | 2.7 | 2.7 |
| 3.3 | 2.7 | 3.0 | 3.3 | 2.7 | 3.9 | 6.8 | 3.3 | 3.3 |
| 3.9 | 3.3 | 3.3 | 3.9 | 3.3 | 4.7 | 8.2 | 3.9 | 3.9 |
| 4.7 | 3.9 | 3.9 | 4.7 | 3.9 | 5.6 | 10 | 4.7 | 4.7 |
| 5.1 | 4.7 | 4.7 | 5.6 | 4.7 | 6.8 | 12 | 5.6 | 5.6 |
| 5.6 | 5.1 | 5.6 | 6.8 | 5.1 | 8.2 | 15 | 6.8 | 6.8 |
| 6.8 | 5.6 | 6.8 | 8.2 | 5.6 | 10 | 18 | 8.2 | 8.2 |
| 8.2 | 6.8 | 8.2 | 10 | 6.2 | 12 | 22 | 10 | 10 |
| 10 | 8.2 | 10 | 12 | 6.8 | 15 | 27 | 12 | 12 |
| 12 | 10 | 12 | 15 | 7.5 | 18 | 33 | 15 | 15 |
| 15 | 12 | 15 | 18 | 8.2 | 22 | 39 | 18 | 18 |
| 18 | 15 | 18 | 22 | 10 | | 47 | 22 | 22 |
| 22 | 18 | 22 | 27 | 12 | | 56 | 27 | |
| 27 | 22 | | 30 | 15 | | 68 | 33 | |
| 30 | 27 | | 33 | 18 | | 82 | 39 | |
| 33 | 33 | | 39 | 22 | | 100 | 47 | |
| 39 | 39 | | 47 | 24 | | 120 | 56 | |
| 47 | 47 | | 56 | 27 | | 150 | 68 | |
| 56 | 56 | | 68 | 33 | | 180 | 82 | |
| 68 | 68 | | 82 | 39 | | 220 | 100 | |
| 82 | 82 | | 100 | 47 | | 270 | 120 | |
| 100 | 100 | | 120 | 56 | | 330 | 150 | |
| 120 | 120 | | 150 | 68 | | 390 | 180 | |
| 150 | 150 | | 180 | 82 | | 470 | 220 | |
| 180 | 180 | | 220 | 100 | | 560 | 270 | |
| 220 | 220 | | 270 | 120 | | 680 | 330 | |
| 270 | 240 | | 330 | 150 | | 820 | 390 | |
| 330 | 270 | | 390 | 180 | | | 470 | |
| 390 | 330 | | 470 | 220 | | | 560 | |
| 470 | 360 | | 560 | 270 | | | 680 | |
| 560 | 390 | | 680 | 330 | | | 820 | |
| 680 | 470 | | 820 | 390 | | | | |
| 820 | 560 | | | 470 | | | | |
| | 680 | | | 560 | | | | |
| | 820 | | | 680 | | | | |
| | | | | 820 | | | | |

Resistors Continued

| 2 watt 5% | | | 3 watt 5% | | | 5 watt 5% | | | 1/4 watt 0.1% | |
|--------------------|--------|--------|-----------|------|--------|-----------|--------|------|---------------|--------|
| Ohms | K Ohms | K Ohms | M Ohms | Ohms | K Ohms | Ohms | K Ohms | Ohms | K Ohms | M Ohms |
| 1 | 1 | 120 | 1 | 1 | 1 | 1 | 1 | 10 | 1 | 1 |
| 10 | 1.2 | 150 | 1.2 | 10 | 1.5 | 10 | 10 | 49.9 | 4.99 | |
| 12 | 1.5 | 180 | 1.5 | 25 | 2 | 25 | 25 | 100 | 10 | |
| 15 | 1.8 | 220 | 1.8 | 100 | 5 | 100 | 100 | 249 | 49.9 | |
| 18 | 2.2 | 270 | 2.2 | 200 | 10 | 200 | 200 | 499 | 100 | |
| 22 | 2.7 | 330 | 2.7 | 400 | | 500 | 500 | | 499 | |
| 27 | 3.3 | 390 | 3.3 | 500 | | | | | | |
| 33 | 3.9 | 470 | 3.9 | 700 | | | | | | |
| 39 | 4.7 | 560 | 4.7 | | | | | | | |
| 47 | 5.6 | 680 | 5.6 | | | | | | | |
| 56 | 6.8 | 820 | 6.8 | | | | | | | |
| 68 | 8.2 | | 8.2 | | | | | | | |
| 82 | 10 | | 12 | | | | | | | |
| 100 | 12 | | 15 | | | | | | | |
| 120 | 15 | | 18 | | | | | | | |
| 150 | 18 | | | | | | | | | |
| 180 | 22 | | | | | | | | | |
| 220 | 27 | | | | | | | | | |
| 270 | 33 | | | | | | | | | |
| 330 | 39 | | | | | | | | | |
| 390 | 47 | | | | | | | | | |
| 470 | 56 | | | | | | | | | |
| 560 | 68 | | | | | | | | | |
| 680 | 82 | | | | | | | | | |
| 820 | 100 | | | | | | | | | |
| 20 watt 10% | | | | | | | | | | |
| Ohms | K Ohms | | | | | | | | | |
| 100 | 1 | | | | | | | | | |
| 500 | 5 | | | | | | | | | |
| | 10 | | | | | | | | | |
| | 50 | | | | | | | | | |
| | 60 | | | | | | | | | |

Banana Plugs and Binding Posts

Banana Plugs

Insulated:

White
Green
Yellow
Blue
Purple
Black
Red
Orange
Brown
Grey

Uninsulated silver

Double Banana Plugs

Insulated:

Black
Red

Stacking Banana Plugs

Black
Red

Screw In Banana Plugs

Black
Red
Green
Yellow
Blue

Banana Jacks

Insulated:

White
Green
Yellow
Blue
Purple
Black
Red
Orange
Brown
Grey

Uninsulated silver

Banana Jack in-line

Black
Red

Banana Coupler

Black
Red

Tip Plug/Jack

Black
Red
Green
Yellow
Blue

Binding Post

White
Green
Yellow
Blue
Violet
Black
Red
Orange
Brown
Grey

In Line Tip Jack

Black
Red

Tip Jack to Banana Plug

Black
Red

Banana to Banana Patch Cord

| Red (inches) | Black (inches) |
|--------------|----------------|
| 8 | 8 |
| 12 | 12 |
| 18 | 18 |
| 36 | 36 |
| 72 | 72 |

Banana to Alligator Clip Patch Cord

| Red (inches) | Black (inches) |
|--------------|----------------|
| 36 | 36 |

Miscellaneous Connectors

BNC female to double banana plug
BNC male to double banana plug
BNC female to binding post
BNC male to binding post
BNC female to mini grabbers
BNC female to banana plugs

Banana to Minigrabber Patch Cord

| Red (inches) | Black (inches) |
|--------------|----------------|
| 12 | 12 |
| 24 | 24 |
| 36 | 36 |

XT Connector

XT30 male/female pair
XT60 male/female pair

Gaskets

Conflat Style Flange

| | |
|-------|----|
| 2.75" | 6" |
| 4.5" | 8" |

Coaxial Connectors and Cables

BNC Connectors

Adapter, Tee
 Plug To Jack, Right Angle
 Male To RCA Plug
 Female To RCA Plug
 Panel Connector, Flanged
 Plug-UHF Jack
 RG-59 Male
 RG-58 Crimp
 Amphenol 31-202 (RG-58)
 Amphenol 31-4541 (RG-59)
 Amphenol 31-2221 (Panel)
 Amphenol 31-10 (Panel Isolated)
 Amphenol 31-219 (Straight Adapter)
 Amphenol 31-218 (Plug To Plug)
 male to male, 3-foot RG-58 cable
 male to male, 6-foot RG-58 cable

N Connectors

Plug
 Jack
 Tee
 Angle Adapter
 N Male to BNC Female UG-201
 N Female to BNC Male

Other Cables

Hardware Female to Banana Plug
 Power Cord Receptacle
 Hardwire Cord, 6 foot pigtail

SMA Connectors

Jack, PCB edge mount
 Jack, PCB top mount
 Jack, PCB top mount, gold

UHF Connectors

Receptacle Amphenol 83-IR
 M to F Amphenol 83-875
 Straight Amphenol 83-1J
 Rt Angle Amphenol 83-1AP

Cable Clamps, Hole Plugs

Cable Clamps

HH Smith 8940 1/8"
 HH Smith 8948 1/4"
 HH Smith 8944 3/8"
 HH Smith 8946 1/2"
 HH Smith 8942 5/8"
 HH Smith 8950 3/4"

Hole Plugs

HH Smith 650 1/4"
 HH Smith 652 3/8"
 HH Smith 653 1/2"
 HH Smith 654 5/8"
 HH Smith 655 3/4"
 HH Smith 612 1"

Adhesive Clips

Flat Grey Type
 1/2"
 3/4"

Cable Ties, Heat-shrink Tubing

Cable Ties

Large - 8", 50 lb., black
 Medium - 6", 40 lb., black
 Small - 4", 18 lb., black
 Medium - 6", 18 lb., natural, bag of 1000
 X-Large, - 11", 120 lb., black, bag of 100

Heat-shrink Tubing

| | |
|-------|-------|
| 1/16" | 5/16" |
| 3/32" | 1/2" |
| 1/8" | 5/8" |
| 3/16" | 3/4" |
| 1/4" | 1" |

Capacitors

Ceramic

| pF | pF | pF |
|-----|----|-----|
| 1 | 10 | 100 |
| 1.5 | 12 | 120 |
| 2.0 | 15 | 150 |
| 2.2 | 18 | 180 |
| 3.3 | 20 | 200 |
| 4.0 | 22 | 270 |
| 4.7 | 27 | 330 |
| 5.0 | 33 | 390 |
| 6.0 | 39 | 470 |
| 6.8 | 47 | 560 |
| 8.0 | 56 | 680 |
| 8.2 | 68 | 750 |
| 9.0 | 75 | 820 |

| nF | nF | nF | μF |
|-----|----|-----|-----|
| 1 | 10 | 100 | 1 |
| 1.2 | 15 | 150 | 1.5 |
| 1.5 | 18 | 220 | 2.2 |
| 1.8 | 22 | 330 | 3.3 |
| 2.2 | 27 | 470 | 4.7 |
| 2.7 | 33 | 680 | 6.8 |
| 3.3 | 47 | | 10 |
| 3.9 | 56 | | 15 |
| 4.7 | 68 | | 47 |
| 5.6 | 82 | | |
| 6.8 | | | |
| 8.2 | | | |

Metalized Polyester

| 200V (nF) | 400V (nF) |
|-----------|-----------|
| 1.5 | 0.47 |
| 2.2 | 1.5 |
| 3.3 | 2.2 |
| 4.7 | 2.7 |
| 6.8 | 5.6 |
| 220 | 6.8 |
| | 8.2 |
| | 22 |

Metalized Polypropylene

| 250V (nF) | 250V (μF) | 100V (μF) |
|-----------|-----------|-----------|
| 10 | 1 | 6.8 |
| 47 | 1.5 | 10 |
| 220 | 2.2 | |
| 470 | 4.7 | |

Variable (pF)

| |
|-------------|
| 1.0 to 3.0 |
| 1.65 to 4.5 |
| 2.2 to 8.1 |
| 2.0 to 10 |
| 3.0 to 36 |
| 4.5 to 65 |
| 10 to 150 |

Paper

| 200V (nF) |
|-----------|
| 2.2 |
| 3.3 |
| 22 |

Bipolar

| 50V(nF) | 50V (μF) |
|---------|----------|
| 470 | 1 |
| | 4.7 |
| | 10 |
| | 47 |
| | 100 |

Mylar

| |
|-----------|
| 22 @ 100V |
| 47 @ 200V |
| 50 @ 600V |

Electrolytic

| | | |
|-------------------|----------------------------------|----------------------------------|
| 4.7nF, 50V, axial | 47nF, 35V, axial | 220nF, 35V, axial |
| 5.6nF, 35V, axial | 56nF, 35V, axial | 220nF, 35V, radial, resin dipped |
| 6.8nF, 35V, axial | 68nF, 35V, axial | 220nF, 50V, 105°C, axial |
| 8.2nF, 35V, axial | 82nF, 35V, axial | 220nF, 20%, 50V, 105°C, radial |
| 12nF, 35V, axial | 100nF, 35V, axial | 270nF, 35V, axial |
| 18nF, 35V, axial | 100nF, 35V, radial, resin dipped | 330nF, 35V, axial |
| 22nF, 35V, axial | 100nF, 50V, radial, resin dipped | 330nF, 35V, radial, resin dipped |
| 27nF, 35V, axial | 150nF, 35V, axial | 330nF, 50V, 105°C, axial |
| 33nF, 35V, axial | 150nF, 35V, radial, resin dipped | 330nF, 20%, 50V, 105°C, radial |
| 39nF, 35V, axial | 180nF, 35V, axial | 390nF, 35V, axial |

Capacitors, Electrolytic Continued

470nF, 35V, axial
470nF, 50V, 85°C, radial
470nF, 35V, radial, resin dipped
560nF, 35V, axial
680nF, 50V, 85°C, radial
680nF, 35V, radial, resin dipped
820nF, 35V, axial
1uF, 35V, radial, resin dipped
1uF, 50V, 105°C, axial
1uF, 50V, 85°C, radial
1uF, 50V, 105°C, radial
1uF, 63V, 105°C, radial
1uF, 100V, 85°C, radial
1.5uF, 16V, radial, resin dipped
1.5uF, 35V, radial, resin dipped
1.5uF, 20%, 50V, 105°C, radial
2.2uF, 16V, radial, resin dipped
2.2uF, 35V, radial, resin dipped
2.2uF, 10%, 50V, 85°C, radial
2.2uF, 100V, 105°C, radial
3.3uF, 16V, radial, resin dipped
3.3uF, 35V, radial, resin dipped
3.3uF, 50V, 105°C, radial
3.3uF, 100V, 105°C, radial
4.7uF, 16V, radial, resin dipped
4.7uF, 35V, radial, resin dipped
4.7uF, 50V, 105°C, axial
4.7uF, 50V, axial
4.7uF, 50V, 105°C, radial
4.7uF, 100V, 105°C, radial
6.8uF, 16V, radial, resin dipped
6.8uF, 20%, 50V, 105°C, radial
10uF, 16V, 105°C, radial
10uF, 16V, radial, resin dipped
10uF, 25V, 105°C, radial
10uF, 25V, 105°C, radial
10uF, 35V, radial, resin dipped
10uF, 50V, 85°C, axial
10uF, 50V, 85°C, radial
10uF, 50V, 105°C, radial
10uF, 100V, 85°C, axial
10uF, 100V, 105°C, radial
15uF, 16V, radial, resin dipped
15uF, 25V, axial
15uF, 35V, radial, resin dipped
15uF, 50V, 105°C, radial
22uF, 16V, 105°C, radial
22uF, 16V, radial, resin dipped
22uF, 25V, 85°C, radial
22uF, 50V, axial
22uF, 50V, 85°C, radial
22uF, 100V, 85°C, axial
22uF, 100V, 105°C, radial
25uF, 25V, axial
25uF, 50V, axial
33uF, 16V, radial, resin dipped
33uF, 25V, 85°C, axial
33uF, 50V, 85°C, axial
33uF, 50V, 85°C, radial
33uF, 100V, 85°C, axial
33uF, 100V, 105°C, radial
39uF, 25V, 105°C, radial
47uF, 10V, 85°C, axial
47uF, 10V, 105°C, radial
47uF, 16V, 85°C, axial
47uF, 16V, 85°C, radial
47uF, 16V, radial, resin dipped
47uF, 25V, 85°C, axial
47uF, 25V, 105°C, radial
47uF, 50V, 85°C, axial
47uF, 50V, 85°C, radial
47uF, 100V, 85°C, axial
47uF, 100V, 105°C, radial
68uF, 16V, 105°C, radial
68uF, 16V, radial, resin dipped
68uF, 50V, 105°C, radial
68uF, 100V, 105°C, radial
100uF, 6.3V, 85°C, axial
100uF, 10V, 85°C, axial
100uF, 10V, 105°C, radial
100uF, 16V, 105°C, radial
100uF, 16V, 85°C, radial
100uF, 25V, 85°C, radial
100uF, 25V, 105°C, radial
100uF, 35V, 85°C, axial
100uF, 50V, 85°C, axial
100uF, 50V, 105°C, radial
100uF, 100V, 85°C, axial

Capacitors, Electrolytic Continued

| | | |
|----------------------------|----------------------------|---------------------------------|
| 100uF, 100V, 105°C, radial | 330uF, 50V, 105°C, radial | 1000uF, 6.3V, 85°C, axial |
| 150uF, 25V, axial | 330uF, 100V, 85°C, radial | 1000uF, 10V, 105°C, radial |
| 150uF, 50V, 105°C, radial | 330uF, 100V, 85°C, radial | 1000uF, 16V, 20%, axial |
| 150uF, 100V, 105°C, radial | 330uF, 100V, 105°C, radial | 1000uF, 16V, 105°C, radial |
| 180uF, 10V, 105°C, radial | 470uF, 10V, 105°C, radial | 1000uF, 25V, 85°C, axial |
| 180uF, 16V, 105°C, radial | 470uF, 16V, 85°C, axial | 1000uF, 25V, 105°C, radial |
| 180uF, 25V, 105°C, radial | 470uF, 16V, 105°C, radial | 1000uF, 50V, 85°C, axial |
| 220uF, 10V, 85°C, radial | 470uF, 25V, 85°C, axial | 1000uF, 50V, 85°C, radial |
| 220uF, 10V, 105°C, radial | 470uF, 25V, 105°C, radial | 1000uF, 100V, 85°C, axial |
| 220uF, 16V, 85°C, axial | 470uF, 50V, 85°C, axial | 1000uF, 100V, 85°C, radial |
| 220uF, 16V, 105°C, radial | 470uF, 50V, 105°C, radial | 1500uF, 20%, 25V, 105°C, radial |
| 220uF, 25V, 105°C, radial | 470uF, 100V, 85°C, axial | 2200uF, 6.3V, axial |
| 220uF, 50V, 85°C, axial | 470uF, 100V, 105°C, radial | 2200uF, 25V, 85°C, axial |
| 220uF, 50V, 105°C, radial | 680uF, 10V, 105°C, radial | 2200uF, 20%, 25V, 105°C, radial |
| 220uF, 100V, 85°C, axial | 680uF, 16V, 105°C, radial | 2200uF, 50V, 85°C, axial |
| 220uF, 100V, 105°C, radial | 680uF, 25V, 105°C, radial | 3300uF, 10V, 105°C, radial |
| 330uF, 10V, 105°C, radial | 680uF, 50V, 105°C, radial | 3300uF, 25V, 85°C, radial |
| 330uF, 16V, 105°C, radial | 680uF, 100V, 105°C, radial | 4700uF, 16V, 85°C, axial |
| 330uF, 25V, 85°C, axial | 820uF, 10V, 105°C, radial | 4700uF, 25V, 85°C, radial |
| 330uF, 25V, 105°C, radial | 820uF, 16V, 105°C, radial | 6800uF, 16V, 105°C, axial |
| 330uF, 50V, 85°C, axial | 820uF, 25V, 105°C, radial | 10000uF, 25V, 20%, axial |
| 330uF, 50V, 105°C, axial | 820uF, 50V, 105°C, radial | |

D-sub, Ribbon, Cinch, and Test Connectors

D-sub Connectors

| Hood | Male Solder Cup | Female |
|--------|-----------------|--------|
| 9 Pin | 9 Pin | 9 Pin |
| 15 Pin | 15 Pin | 15 Pin |
| 25 Pin | 25 Pin | 25 Pin |
| 37 Pin | 37 Pin | 37 Pin |

DB-9 Gender Changer M-M
DB-9 Gender Changer F-F

Dip Ribbon Connector

14 Pin 16 Pin

Ribbon Connectors

| | |
|-------|-------|
| DE9M | DA15F |
| DE9F | DB25M |
| DA15M | DB25F |

Ribbon Socket Connectors

| | | |
|--------|--------|--------|
| 10 Pin | 20 Pin | 40 Pin |
| 14 Pin | 26 Pin | 50 Pin |
| 16 Pin | 34 Pin | 60 Pin |

Centronics Connectors

| Male | Female |
|--------|--------|
| 24 Pin | 24 Pin |
| 36 Pin | 36 Pin |
| 50 Pin | 50 Pin |

Connectors, Continued

Cinch Connectors

| Panel Plug | Panel Socket | Cable Plug | Cable Socket |
|------------|--------------|------------|--------------|
| 2 Cond | 2 Cond | 2 Cond | 2 Cond |
| 3 Cond | 3 Cond | 3 Cond | 3 Cond |
| 4 Cond | 4 Cond | 4 Cond | 4 Cond |
| 6 Cond | 6 Cond | 6 Cond | 6 Cond |
| 8 Cond | 8 Cond | 8 Cond | 8 Cond |
| 10 Cond | 10 Cond | 10 Cond | 10 Cond |
| 12 Cond | 12 Cond | 12 Cond | 12 Cond |

Test Connectors

Mini test jack, horizontal, uninsulated, red
 Mini test jack, horizontal, uninsulated, black
 Standard test jack, horizontal, uninsulated, white
 Standard test jack, horizontal, uninsulated, red
 Standard test jack, horizontal, uninsulated, black
 Standard test jack, horizontal, uninsulated, green
 Standard test jack, horizontal, uninsulated, blue
 Standard test jack, horizontal, uninsulated, violet

Batteries, Battery Holders, Fuse Holders

Batteries

AAA
 AA
 C
 D
 9V
 6V lantern
 12V A23 size
 357/303 button
 A76/CR44 button
 CR2016
 CR2032
 CR2450

Battery Holders

AAA size, metal, solder
 AAA size, plastic, 6" wire leads
 AAA size, 2 batteries, plastic, 6" wire leads
 AAA size, 4 batteries, plastic, 6" wire leads
 AA size, 2 batteries, plastic, 6" wire leads
 AA, size 3 batteries, plastic, 6" wire leads
 AA size, 4 batteries, plastic, 6" wire leads
 AA size, 2 batteries, plastic, PC mount
 AA size, 4 batteries, plastic, PC mount
 AA size, metal, solder
 C size, metal, solder
 D size, metal, solder
 9 V, metal, solder
 9 V, snaps, 6" wire leads
 9 V, plastic, PC mount
 9 V, steel clip
 9 V, male snap, metal, PC mount
 9 V, female snap, metal, PC mount
 12V A23 size, plastic, 6" wire leads
 CR 2032, 20mm, metal, PC mount
 CR 2450, 24.5mm, metal, PC mount

Fuse Holders

Panel Mount
 1-1/4" x 1/4", 250V, 20A
 1-1/4" x 1/4", 250V, 230A

 In-line
 1-1/4" x 1/4", 500V, 10A
 5mm x 20mm, 250V, 10A

 Board Mount
 1-1/4" x 1/4", 15A
 1-1/4" x 1/4"
 5mm x 20mm, 250V, 6.3A

Fuses

| | | | | | |
|------------|------------|------------|------------|------------|--------------|
| AGX | AGC | GMA | ABC | MDL | 3AB |
| 1/32A | 1/32A | 1/16A mini | 6A | 1/100A | 10A, 250V |
| 1/16A | 1/16A | 1/8A | 10A | 1/32A | SB 12A |
| 1/8A | 1/8A | 1/4A | 20A | 1/16A | 250V SB |
| 1/4A | 1/4A | 1/2A | | 1/10A | 15A, 250V SB |
| 1/2A | 1/2A | 1.6A | | 1/8A | |
| 3/4A | 3/4A | 2A | | 2/10A | |
| 1A | 1A | 3.15A fast | | 1/4A | |
| 2A | 1.5A | 5A | | 3/8A | |
| 3A | 2A | 10A | | 1/2A | |
| | 3A | | | 8/10A | |
| | 5A | | | 1A | |
| | 6A | | | 1.5A | |
| | 8A | | | 2A | |
| | 10A | | | 3A | |
| | 15A | | | 4A | |
| | | | | 5A | |
| | | | | 8A | |
| GMC | KLK | | | 10A | |
| 3.5A | 15A, 600V | | | 15A | |
| | | | | 20A | |

Header Strips

72 Pin Header Strip, .1"

Double Row Male Wire Wrap
 Double Row Male Solder
 Double Row Female Solder

Header Strip, female, .1" solder

| | | |
|-------|--------|--------|
| 2 pin | 7 pin | 12 pin |
| 3 pin | 8 pin | 14 pin |
| 4 pin | 9 pin | 16 pin |
| 5 pin | 10 pin | |
| 6 pin | 11 pin | |

Header Strip, male, .1" solder

| | |
|-------|-------|
| 6 pin | 8 pin |
|-------|-------|

Stackable Header Strip, .1"

| | | |
|-------|-------|-------|
| 6 pin | 8 pin | 9 pin |
|-------|-------|-------|

36 Pin Header Strip, .1"

Single Row Male Wire Wrap
 Single Row Male Solder
 Single Row Female Solder

Header Strip, male, right angle, .1" solder

| |
|--------|
| 5 pin |
| 10 pin |
| 36 pin |

Grabbers and Alligator Clips

Alligator Clips

Very small steel, BU-30, 5A
Very small copper, BU-30, 5A
Very small copper, BU-34C, no teeth, 5A
Small, its banana plug, BU-60, steel, 10A
Large heavy duty steel, BU-24A, 25A
Small heavy duty steel, BU-45, 5A
Crocodile style, steel, BU-85, 5A

Alligator Clip Boots

Black, fits BU-24A
Red, fits BU-24A
Black, fits BU-30
Red, fits BU-30
Black, fits BU-60
Red, fits BU-60
Black, fits BU-85
Red, fits BU-85

Grabbers

Pomona Mini-Grabber #3925-R
Pomona Mini-Grabber #3925-B
BNC Female to 2 Mini-Grabber Hooks

Misc. Clips

Battery clip, black, BU-46C, Red , 75A
Battery clip, red, BU-46C, Red , 75A

Alligator Clip Test Leads

Set of 3
Set of 10

IC Sockets, Tags

Solder Tail

4 Pin
6 Pin
8 Pin
14 Pin
16 Pin
20 Pin
24 Pin
24 Pin SLP
28 Pin
40 Pin

Wire-Wrap

8 Pin
14 Pin
16 Pin
18 Pin
22 Pin
24 Pin
28 Pin
40 Pin
64 Pin

Component Carrier

14 Pin
16 Pin
24 Pin
40 Pin

ID Tags
14 Pin
16 Pin
20 Pin
24 Pin
28 Pin
40 Pin

Surface Mount Adaptors

SOIC to 8 pin DIP
SOIC to 8 pin SIP
SOIC to 14 pin DIP
SOIC to 16 pin DIP
SOIC to 20 pin DIP
MSOP-8 to 8 pin SIP
SOT 23-5 to 5 pin SIP
SOT-363 to 6 pin SIP
SOT-23-6 to 6 pin SIP
SMT parts to 16 pin DIP

ZIF socket

40 pin

Integrated Circuits

Logic ICs

| | | | | | | |
|--------|---------|---------|--------|---------|---------|------|
| 74LS00 | 74LS76 | 74LS157 | 74C04 | 74HU04 | CD 4013 | 7448 |
| 74LS02 | 74LS83 | 74LS163 | 74C08 | 74HC08 | CD 4026 | 7451 |
| 74LS04 | 74LS85 | 74LS164 | 74C48 | 74HC14 | CD 4027 | 7470 |
| 74LS07 | 74LS86 | 74LS169 | 74C76 | 74HC74 | 7400 | 7473 |
| 74LS08 | 74LS90 | 74LS175 | 74C93 | 74HC86 | 7402 | 7474 |
| 74LS09 | 74LS123 | 74LS193 | 74C154 | 74HC112 | 7404 | 7476 |
| 74LS11 | 74LS125 | 74LS194 | 74C164 | 74HC154 | 7427 | 7486 |
| 74LS32 | 74LS138 | 74LS221 | 74C195 | 74HC164 | 7432 | 7493 |
| 74LS73 | 74LS139 | 74LS240 | 74HC00 | CD 4001 | 7438 | |
| 74LS74 | 74LS153 | 74LS283 | 74HC02 | CD 4010 | 7446 | |
| 74LS75 | 74LS155 | 74LS374 | 74HC04 | CD 4011 | 7447 | |

PIC and PIC Support

ADM 3202 ANZ
 MAX202 CPE+
 MAX 3202
 PIC 12F675 - I/P
 PIC 12F683 - I/P
 PIC 12LF1572 - I/P
 PIC16F627A - I/P
 PIC16F1708 - I/P
 PIC 18LF4550 - I/P
 PIC 18F4520 - I/P
 PIC 24FJ64GA002-I/SP

OP-AMPS

| | | | | |
|------------|----------|---------|---------|---------|
| INA128 | LM386N-1 | LM833N | AD623 | LF412CN |
| LM301N | LM386N-3 | LM1496N | AD817 | LT1016 |
| LM311N | LM386N-4 | LM2937 | LM7905 | OP97 |
| LM317T | LM387N | LM2940T | LM7912 | OP177 |
| LM318N | LM393N | LM3900N | LM7915 | OPA 604 |
| LM324N | LMC555 | LM6171 | LM7924 | TL071CP |
| LM334Z | LM555CN | LM6172 | LMC6081 | TL072CP |
| LM336Z-2.5 | LM556N | LM6181 | LMC6082 | TL074CN |
| LM336Z-5.0 | LMC556 | LM7171 | LF347N | TLC27M2 |
| LM337T | LM565N | LM7805T | LF351N | TLE2426 |
| LM339N | LM566CN | LM7812T | LF353 | |
| LM340T | LMC660N | LM7815T | LF355N | |
| LM348N | LMC662CN | LM7824 | LF356N | |
| LM358N | LM741CN | LT1006 | LF398N | |
| LM380N | LM747N | LT1112 | LF411CN | |
| LM384N | LM748N | AD620 | | |

DC/DC Converters

R-78 E 5.0-0.5
 R-78 E 3.3-0.5

Voltage Inverter

TL7660

Miscellaneous ICs

NE558
 ICL8038
 MCT2
 ADC0804
 AD8056
 RCA4559P
 DRV 8835
 HCPL 2601
 4N33
 4N35
 SA602AN

Linear IC Application Chart

| General Purpose | Depot P/N | Driver/Receiver | Depot P/N | High Speed, Low Power | Depot P/N |
|-------------------------------|-------------|----------------------------------|-------------|--|-------------|
| Op Amp | 100- | 100- | 100- | 100- | 100- |
| LM301N | 1165 | ADM3202ANZ | 1285 | LM6171 | 1259 |
| LM324N | 1222 | Audio | | LM6172 | 1263 |
| LM348N | 1167 | LM380N | 1251 | AD817 | 1296 |
| LM358N | 1168 | LM384N | 1248 | Very High Speed, High Current | |
| LMC660N | 1233 | LM386N-1 | 1229 | LM7171 | 1260 |
| LMC662CN | 1234 | LM386N-3 | 1280 | Low Power, High Precision | |
| LM741CN | 1171 | LM386N-4 | 1228 | LT1006 | 1283 |
| LM747N | 1172 | LM387N | 1203 | LT1112 | 1270 |
| LM748N | 1176 | LM833N | 1255 | OP97 | 1269 |
| LM3900N | 1169 | JFET Input | | TLC27M2 | 1218 |
| Comparator | | LF347N | 1223 | INA128 | 1302 |
| LM311N | 1195 | LF351N | 1174 | Low Drift Low Power Instrumentation | |
| LM339N | 1197 | LF353 | 1173 | AD620 | 1274 |
| LM393N | 1279 | LF355N | 1224 | AD623 | 1282 |
| LT1016 | 1312 | LF356N | 1175 | OP177 | 1303 |
| High Speed Precision | | LF398N | 1205 | Optocoupler | |
| LM318N | 1166 | LF411CN | 1226 | HCPL 2601 | 409-1003 |
| RCA4559P | 1268 | LF412CN | 1227 | MCT2 | 409-1002 |
| Precision CMOS | | TLO71CP | 1178 | 4N33 | 409-1001 |
| LM318N | 1166 | TLO72CP | 1179 | 4N35 | 409-1000 |
| Dual Motor Driver | | TLO74CN | 1180 | A/D, D/A | |
| DRV 8835 | 1318 | OPA604 | 1284 | ADC0804 | 1242 |
| H-Bridge | | Voltage Inverter | | MCP4821 | 1267 |
| 754410 | 1317 | TL7660 | 1298 | Mixer/ Oscillator | |
| Voltage Regulator/ Ref | | Dual Voltage Feedback Amp | | SA602AN | 1245 |
| LM2940T +5.0 | 1288 | AD8056ANZ | 1313 | Modulator/ | |
| LM2940T +10.0 | 1319 | DC/DC Converter | | LM1496N | 1201 |
| LM336Z-2.5 | 1210 | R-78 E 5.0-0.5 | 1299 | Current Feedback | |
| LM336Z-5.0 | 1211 | R-78 E 3.3-0.5 | 1300 | LM6181 | 1315 |
| LM317T | 1181 | Current Source | | Rail Splitter | |
| LM337T | 1182 | LM334Z | 1202 | TLE2426 | 1316 |
| LM340T | 1262 | Timer | | | |
| LM7805T | 1183 | LMC555 | 1235 | | |
| LM7812T | 1184 | LM555CN | 1206 | | |
| LM7815T | 1185 | LM556N | 1207 | | |
| LM7824 | 1186 | LMC556 | 1236 | | |
| LM7905 | 1187 | NE558 | 1237 | | |
| LM7912 | 1188 | PLL/VCO | | | |
| LM7915 | 1189 | ICL8038 | 1209 | | |
| LM7924 | 1190 | LM565N | 1208 | | |
| LM2937 | 1275 | LM566CN | 1204 | | |

Knobs, Heat-sinks

Knobs

Mouser 506-PKG50B, 1/8" shaft
Raytheon 407R1K1, 1/8" shaft
Digikey 679-35445-ND, 1/4" shaft
Mouser 45KN012, 1/4" shaft
Digikey 1568-1600-ND, 1/4" shaft
Mouser 45KN021, 1/4" shaft

Heat Sinks

| | |
|-----------------|------------|
| Wakefield 201CD | for TO-92 |
| Wakefield 292AB | for TO-92 |
| Wakefield 207AB | for TO-5 |
| Wakefield 222CB | for TO-92 |
| Themalloy 2225B | for TO-3 |
| Themalloy 2227A | for TO-3 |
| AAVID 5077302 | for TO-220 |
| AAVID 5073 | for TO-220 |

Test Probes

Pomona 5075-0 BLACK
Pomona 5075-2 RED

Potentiometers

H.M. Trim Pot

| Ohm | K Ohm | M Ohm |
|-----|-------|-------|
| 50 | 1 | 1 |
| 100 | 2 | 2 |
| 200 | 5 | |
| 500 | 10 | |
| | 20 | |
| | 25 | |
| | 50 | |
| | 100 | |
| | 200 | |
| | 250 | |
| | 500 | |

V.M Trim Pot

| Ohm | K Ohm | M Ohm |
|-----|-------|-------|
| 10 | 1 | 1 |
| 20 | 2 | 2 |
| 50 | 5 | 5 |
| 100 | 10 | |
| 200 | 20 | |
| 500 | 25 | |
| | 50 | |
| | 100 | |
| | 200 | |
| | 250 | |
| | 500 | |

V.M Trim Pot

| Trim Pot |
|----------|
| 100 Ohm |
| 50 K ohm |

Mini Pot

| K Ohm | M Ohm |
|-------|-------|
| 1 | 1 |
| 10 | |
| 50 | |
| 100 | |
| 250 | |
| 500 | |

2 Watt Pots S.T.

| Ohm | K Ohm | M Ohm |
|-----|-------|-------|
| 50 | 1 | 1 |
| 100 | 1.5 | 1.5 |
| 150 | 2.5 | 3.5 |
| 250 | 3.5 | 5 |
| 350 | 5 | |
| 500 | 7.5 | |
| 750 | 10 | |
| | 15 | |
| | 25 | |
| | 35 | |
| | 50 | |
| | 75 | |
| | 100 | |
| | 350 | |
| | 500 | |
| | 750 | |

Single Turn PC Mount

| |
|-----------|
| 1 K Ohm |
| 10 K Ohm |
| 50 K Ohm |
| 100 K Ohm |
| 1 M Ohm |

Single Turn Breadboard Mount

| |
|----------|
| 10 K Ohm |
|----------|

Digital IC Application Chart

Quad 2-input NAND gate

7400 -1000
74LS00 -1035
74HC00 -1156
CD4011 -1292

Quad 2-input NOR gate

7402 -1001
74LS02 -1036
74HC02 -1305
CD4001 -1160

Hex Inverter

7404 -1002
74LS04 -1037
74C04 -1103
74HC04 -1306
74HCU04 -1157

Hex inverter, Schmitt trigger

74HC14 -1311
CD40106 -1291

Hex buffer/driver

74LS07 -1038

Quad Tri-state Buffer

74LS125 -1062

Octal buffer/drvr/rcvr,tri-state

74LS240 -1077

Triple 3-input NOR gate

7427 -1009

Quad 2-input OR gate

7432 -1010
74LS32 -1048

Quad XOR gate

7486 -1022
74HC86 -1309
74LS86 -1056

Quad 2-input AND gate

74LS08 -1039
74C08 -1104
74HC08 -1307

Quad 2-input AND gate (OC)

74LS09 -1040

Triple 3-input AND gate

74LS11 -1042

AND-OR-INVERT gate

7451 -1016

D Flip Flop, Dual

7474 -1019
74LS74 -1051
74HC74 -1258
74HCT74 -1320
CD4013 -1293

D Flip Flop, Quad

74LS175 -1073

D Flip Flop, Octal

74LS374 -1087

J-K Flip Flop

7470 -1017

J-K Flip Flop, Dual

7473 -1018
7476 -1021
74LS73 -1050
74LS76 -1053

74C76 -1114

74HC112 -1310

CD 4027 -1308

Quad Latch

74LS75 -1052

4 Bit Binary Counter

7493 -1024

74C93 -1118

74LS163 -1070

74LS169 -1093

74LS169 -1093

4 Bit Binary/Decade Counter

74LS90 -1057

4 Bit Binary Up/Down Counter

74LS93 -1074

Decade Counter, 7 Segment display output

74LS90 -1057

CD4026 -1294

4 Bit Shift Register

74C195 -1136

4 Bit Bi-directional Shift Register

74C195 -1075

8 Bit Shift Register, Serial In/Parallel Out

74LS164 -1071

74C164 -1129

74HC164 -1130

4-bit Binary Full Adder

74LS83 -1054

74LS283 -1083

4 Bit Magnitude Comparator

74LS85 -1055

Dual Monostable Multivibrator

74LS123 -1061

74LS221 -1076

Dual 4 to 1 Multiplexer

74LS153 -1066

Quad 2 to 1 Multiplexer

74LS157 -1068

2 to 4 decoder/demultiplexer

74LS138 -1063

Dual 2 to 4 decoder/demultiplexer

74LS155 -1067

3 to 8 decoder/demultiplexer

74LS138 -1063

4 to 16 decoder/demultiplexer

74HC154 -1123

BCD to 7 Segment Decoder/Driver

7446 -1013

7447 -1014

7448 -1015

74C48 -1111

HEF4543B -1278

Rubber Feet, Grommets, Strain Relief, Barrier Strips

Rubber Feet

Adhesive Large Depressed
 Adhesive Large Flat
 Adhesive Large Tapered
 Adhesive Large
 Adhesive Small Tapered
 Tack On Small
 Press-In Small Depressed

Grommets

1/8" ID
 3/16" ID
 1/4" ID
 3/8" ID
 1/2" ID
 9/16" ID
 5/8 ID

Strain Relief

5/8"
 1/2"
 3/8"
 Flat Wire

Barrier Strips

2 Term
 4 Term
 6 Term
 7 Term
 8 Term
 9 Term
 10 Term
 11 Term
 Barrier Strip Jumper

Spade, Lug, Ring Connectors, LEDs, Lamps

Red 22-18 ga ring connectors

#4
 #6
 #8
 #10
 1/4"
 butt connector

Blue 16-14 ga ring connectors

#4
 #6
 #8
 #10
 1/4"
 butt connector

Yellow 10-12ga ring connectors

#6
 #8
 #10
 1/4"
 3/8"
 butt connector

Red spade connector 22-18ga

#6
 #8
 #10
 quick disc male red 22-18 ga, .25"
 quick disc female red 22-18 ga, .25"
 quick disc male red #6
 quick disc male red 22-18ga, .187"
 quick disc female red 22-18ga, .187"

Blue 16-14 ga spade

#6
 #8
 #10
 quick disc male blue 16-14
 quick disc female blue 16-14

Yellow 10-12ga spade

#6
 #8
 #10
 quick disconnect male 10-12 ga
 quick disconnect female 10-12 ga

LED Strip

1x8 RGB Addressable
 1 meter long RGB Addressable

LED Matrix

8x8 red
 8x8 RGB addressable

LED Bar Graph

10 Segment red
 10 segment green

Wire Nut

Orange
 Yellow
 Red
 Blue
 Gray

Lamp

Neon IDI 2110A1
 #222
 # 43
 PR 2
 CM755

5mm LEDs

Red (also 3mm)
 Orange
 Yellow
 Green (also 3mm)
 Blue
 Violet
 White
 RGB
 RGB addressable

LCD Display

16 char x 2 line RGB, backlight
 8 char x 2 line I2C, 3.3V

LED Display, 7 segment

Single red, CA, 12 mcd
 Dual red, CA, 13 mcd
 Triple red, CC, .65 mcd
 Quad red, CA, .65 mcd

5mm LED IR emitting

870 nm
 940 nm (also 3mm)

Switches

Pushbutton

MOM Contact, Tiny
 MOM Contact, Small
 MOM Contact, Big
 MOM Break, Small
 MOM Break, Big
 MOM Contact
 MOM Contact, PC mount, 6 mm
 MOM Contact, PC mount, 12 mm
 Assorted 12 mm, PC mount

Toggle

SPST Big
 SPDT Small
 SPDT Big
 DPDT Small
 SPDT Center Off
 DPDT Center Off
 SPST 3A 250V
 SPST 15A 125V

Slide

SPST
 SPDT
 DPDT
 SPDT MOM Contact

DIP

4 position
 8 position
 12 position

Rocker

120 VAC lighted, SPST, 20A
 120 VAC lighted, SPST, 10A
 12 VDC lighted, SPST, 10A
 Momentary, SPDT, 10A
 DPST, 16A
 DPDT, 13A

Keypad

4x4 matrix

In-Line

Feed Thru

Wire

Hookup Wire-Solid, 300V Max

| | AWG | 30 | 24 | 22 | 20 | 18 | 16 |
|--------|-----|----|----|----|----|----|----|
| Color | | | | | | | |
| Black | | x | x | x | x | x | |
| Red | | x | x | x | x | | x |
| Yellow | | x | x | x | x | x | x |
| Green | | x | x | x | x | x | x |
| Blue | | x | x | x | x | | |
| White | | | x | x | x | | x |

Hookup Wire-Solid, 600V Max

| | AWG | 18 | 16 |
|--------|-----|----|----|
| Color | | | |
| Black | | x | x |
| Red | | x | x |
| Yellow | | x | |
| Green | | x | x |
| Blue | | x | |
| White | | x | x |

Hookup Wire-Solid, 1000V Max

| AWG | 20 | 18 | 16 |
|--------|----|----|----|
| Color | | | |
| Black | | | |
| Red | | | |
| Yellow | | | |
| Green | x | x | |
| Blue | x | | x |
| White | x | | |

Hookup Wire-Stranded, 600V Max

| | AWG | 24 | 20 | 18 | 16 | 14 |
|---------|-----|----|----|----|----|----|
| Color | | | | | | |
| Black | | x | x | x | x | |
| Red | | x | | x | x | x |
| Yellow | | | | x | x | x |
| Green | | | | x | x | |
| Grn/Yel | | | | | | x |
| Blue | | | x | x | x | |
| White | | x | x | x | x | x |

Hookup Wire-Stranded, 300V Max

| | AWG | 30 | 28 | 26 | 24 | 22 | 20 | 18 |
|---------|-----|----|----|----|----|----|----|----|
| Color | | | | | | | | |
| Black | | x | x | x | x | x | x | x |
| Red | | x | x | x | x | x | | |
| Yellow | | x | x | x | x | x | x | |
| Green | | x | x | x | x | x | x | x |
| Grn/Yel | | | | | | | | |
| Blue | | x | x | x | x | x | x | x |
| White | | x | x | x | x | x | x | x |

Bus Bar Wire AWG

14 18
 16 24

Magnet Wire AWG

16 24
 18 26
 20 28
 22 30

Cable

Multiconductor Cable

2 conductor shielded AWG 18
 4 conductor unshielded AWG 28, Flat
 4 conductor shielded AWG 20
 5 conductor shielded AWG 20
 6 conductor shielded AWG 24
 10 conductor unshielded AWG 22
 10 conductor shielded AWG 24
 15 conductor shielded AWG 24
 25 conductor shielded AWG 24

Coaxial Cable

RG-6
 RG-8
 RG-58
 RG-178

Ribbon Cable

10 conductor, 5' length
 25 conductor
 50 conductor

Transistors

Silicon NPN

General Purpose

| P/N | 110- |
|--------|------|
| 2N718 | 1003 |
| 2N3393 | 1079 |
| 2N3394 | 1026 |
| 2N3904 | 1031 |
| 2N4401 | 1033 |
| 2N6014 | 1044 |
| PN2222 | 1010 |

Power

| P/N | 110- |
|--------|------|
| 2N3055 | 1047 |
| 2N3771 | 1049 |
| D40C7 | 1052 |

rf

| P/N | 110- |
|--------|------|
| 2N5134 | 1036 |

Switching

| P/N | 110- |
|--------|------|
| 2N2222 | 1009 |
| PN2369 | 1011 |

Darlington Pair

| P/N | 110- |
|---------|------|
| TIP 120 | 1080 |
| TIP 140 | 1083 |

Silicon PNP

General Purpose

| P/N | 110- |
|--------|------|
| 2N2862 | 1018 |
| 2N3906 | 1032 |
| 2N4403 | 1034 |
| 2N5817 | 1040 |
| D45C5 | 1055 |

Power

| P/N | 110- |
|--------|------|
| MJ2955 | 1046 |
| TIP127 | 1051 |

rf

| P/N | 110- |
|--------|------|
| D41D8 | 1054 |
| SK3118 | 1041 |

Switching

| P/N | 110- |
|---------|------|
| 2N2907A | 1019 |

Triac

| P/N | 110- |
|---------|------|
| L4004L3 | 1081 |
| SC146B | 1060 |

N-Channel JFET

General Purpose

| P/N | 110- |
|--------|------|
| 2N5458 | 1063 |
| 2N5485 | 1064 |

N-Channel MOSFET

| P/N | 110- |
|----------|------|
| 2N4416 | 1062 |
| 3N139 | 1066 |
| 2N7000 | 1076 |
| R5016FNX | 1082 |
| IRFD110 | 1085 |
| IRF520N | 1086 |
| IRL520 | 1087 |

P-Channel MOSFET

| P/N | 110- |
|----------|------|
| NDP6020P | 1072 |
| IRFD9010 | 1084 |

N-Channel MOSFET

Matched Pair

| P/N | 110- |
|------------|------|
| ALD1116PAL | 2000 |

NPN Array

| P/N | 110- |
|---------|------|
| CA3083 | 2002 |
| ULN2003 | 2003 |

Custom Cable Parts

Crimp Connector Housings, 0.1" spacing

Single row (# of Pins)

| | | | | | |
|---|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 12 | 16 |

Double row (# of Pins)

| | | | | |
|---|---|---|----|----|
| 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 8 | 10 | 12 |

Wire with pre-crimped terminals, assorted colors

| | |
|-----------------|---------------------|
| female - female | 3", 6", 12" lengths |
| female - male | 3", 6", 12" lengths |
| male - male | 3", 6", 12" lengths |

Miscellaneous Parts

Resistor Network

100 Ohm, 8 isolated, 16 pin
 270 Ohm, 8 isolated, 16 pin
 330 Ohm, 8 isolated, 16 pin
 470 Ohm, 8 isolated, 16 pin
 1.8K Ohm, 8 isolated, 16 pin
 2.2K Ohm, 7 pullup, 8 pin

Relay

SSR, 10mA, 240V, 1.2A, 8-DIP
 Reed, 500 MA, DPST, 12V@24mA, DIP
 Power, SPDT, 12VDC, 16A@250VAC
 Automotive, SPDT, 40A@12V
 Power, DPDT, 12VDC, 5A@250VAC
 1 Ch. Relay Module, 5V, 10A@ 250VAC
 2 Ch. Relay Module, 5V, 10A@ 250VAC

Plastic Storage Boxes

Plano 5231 double cover
 Plano 3750, 14" x 9" x 2"
 Plano 3650, 11" x 7.5" x 2"
 Really Useful Box, 8" x 4" x 2"

Solar Cell

2VDC, 89 mW, 44.6mA, 43mm x 14mm

Metal Oxide Varistor

340V, 35J, 2500A, 130VAC, 170VDC

Speakers

8 Ohm, 23mm dia, wire leads, .25W
 8 Ohm, 40mm dia., 88 dB, 100mW
 8 Ohm, 28mm dia., wire leads, 87dB, 2W
 8 Ohm, 57mm, round, 3W
 8 Ohm, 66mm square, 3W
 16 Ohm, 2" dia., wire leads, 82dB, 1W

Static Protection

Wrist strap
 Wrist strap and cord
 Anti-static bag, 4" x 6", reclosable
 Anti-static bag, 6" x 8", reclosable
 Anti-static bubble bag, 4" x 3.5", sealable
 Anti-static foam, 1' x 2'

Electrode

ECG Electrode

Buzzers

4.50KHZ, 3-28VDC, 85dB
 Piezo, square wave drive

Crystals

2.4576 MHz
 3.6864 MHz
 4.000 MHz
 8.000 MHz
 10.000 MHz
 12.000 MHz
 16.000 MHz
 20.000 MHz
 32.000 MHz

Magnets

N38, cyl, 18mm x 18 mm
 N48 cyl, 1/8" x 1/8"

Joystick

Thumb Joystick

Circuit Board Mounting Hardware

Machine Screws

2-56, 1/4" long, steel
2-56, 1/2" long, steel or nylon
4-40, 1/4" long, steel or nylon

4-40, 3/8" long, steel or nylon
4-40, 1/2" long, steel or nylon
4-40, 3/4" long, nylon
6-32, 1/4" long, steel or nylon
6-32, 3/8" long, steel
6-32, 1/2" long, steel or nylon
6-32, 3/4" long, steel
6-32, 1/4" long, nylon
8-32, 3/8" long, steel
8-32, 1/2" long, steel
8-32, 1" long, nylon
10-32, 1" long, nylon

Sheet Metal Screws

#4, 3/8" long
#4, 1/2" long
#4, 1" long
#6, 3/8" long
#6, 1/2" long
#8, 3/8" long
#8, 1/2" long

Standoff Spacer

1/2", hex, 6-32 thread, plastic
1", hex, 4-40 thread, nylon, m/f
1/4", hex, 6-32 thread, al
1/2", round, 6-32 thread, al
1/2", hex, 4-40 thread, al, m/f

1/2", hex, 6-32 thread, al, m/f
1", hex, 6-32 thread, al
1", hex, 6-32 thread, al, m/f

Nut

#2, steel or nylon
#4, steel or nylon
#6, steel or nylon
#8, steel or nylon
#10, nylon

Lock Washer, Internal

#2
#4
#6
#8

Flat Washer

#2, steel or nylon

#4, steel or nylon
#6, steel or nylon
#8, steel or nylon
#10, nylon

Solder, Soldering Tools, and Replacement Parts

Replacement Parts

Tip, Weller 8125
Tip, Weller ETA
Tip, Weller ETO
Tip, Weller PTA7
Tip, Weller PTS7
Tip, Weller ST6
Heater, Weller 12345S, 33W

Solder

63/37, RMA flux, .015" dia.
60/40, RA flux, .025" dia.
63/37, RA flux, .040" dia.
96.5/3/0.5 (Lead free),
no-clean flux, .031" dia.

Flux

Flux pen, 186 RMA
Flux pen, 2331ZX water soluble
Flux pen, 951 no-clean
Liquid flux dispenser

Soldering Tools

Soldering iron, Weller WP35, 35W pencil
Soldering gun kit, Northern Ind., 150W
Soldering iron stand
Soldering iron sponge
Soldering iron tip cleaner

Desoldering Tools

Desolder pump
Desolder pump tip
Desoldering braid, .050" x 5'
Desoldering braid, .075" x 5'
Desoldering braid, .100" x 5'

Programmings, Development Systems

| | | |
|----------------------------|-----------------------------------|---------------------------------|
| Arduino Uno R3 | Particle Shield shield for Photon | ST-LINK Debugger/Programmer |
| Arduino Prototyping Shield | Particle Photon | Chipkit PGM programmer/debugger |
| Basys 2 | PICKit 3 | |
| Basys 3 | Raspberry Pi Model B+ | |

Communication Devices

Bluetooth module HC06, RS232, wireless
Tranceiver radio breakout RFM69HCW, Adafruit 3071
WiFi breakout ATWINC 1500, Adafruit 2999

Prototyping Tools

Solderless Breadboards

170 point, white
170 point, colors
400 point, 2 bus strips
830 point, 2 bus strips

Boards

Vector board
Protoboard
4" x 6", PTH
2" x 3", PTH
400 point breadboard
830 point breadboard
Snappable protoboard
228 point mint tin size
20 pin SIP protoboard

Wires

Wire kit, 140 pc
Male to male jumpers
Male to female jumpers
Female to female jumpers

Test & Measurement Equipment

DMM with temp probe, 1%, 3-1/2 digit

Safety Supplies

Gloves

Exam, Nitrile, powder and latex-free, medium
Exam, Nitrile, powder and latex-free, large

Safety Glasses

Indoor/Outdoor
Over glasses style
Googles, anti-fog

Hearing Protection

Ear plugs, NRR 30/SNT 34

Mask

Dust

Cleaning Supplies

Towels

Paper, roll
Shop, red fabric
Shop, roll of 55

Hand Cleaners

Soap, pumice bar
GOJO natural orange pumice, 7.5 oz. liquid
GOJO natural orange smooth, 1 gal liquid

Misc.

Scour pad, Scotch-Brite heavy duty Glass cleaner, Daybright
Windex, 32 oz.
Duster, HFC-134a, 10 oz. can
Contact Cleaner, Ton-O-Wash, 12.5 oz.
Baking Soda, refrigerator box

Tape and Adhesives

Tape

Duct tape, silver, roll
Duct tape, red, roll
Electrical tape, roll
Masking tape, roll
Packaging tape, heavy duty, roll
Packaging tape, heavy duty, roll with dispenser
Hook and loop self adhesive dots, pair
Teflon tape, 1/2" width
Wire marker tape, roll

Adhesives

RTV silicone adhesive sealant, clear, tube
Multipurpose, clear, 2 oz. tube
Multipurpose, clear, prec. appl. 1.25 oz. bottle
Super glue gel, 2 pack, 10 g total
Epoxy, 5-min set, bubble pack
Epoxy, J-B weld
Epoxy, 2-part liquid, 2-4 oz. bottle
Gorilla Glue, 10 oz. bottle
Wood glue, gal
Glue gun, mini
Glue sticks, hot gun, pack of 25
Squeeze bottle, 16 oz.

Chemicals

Lubricants

WD-40 spray lubricant, multipurpose, 3 oz. can
Rawn RIP3 lubricant, 12 oz. can
LPS2 heavy duty lubricant, 11 oz. can
3-in-one multipurpose oil, 3 oz can

Freeze Spray

-62° F, 10 oz. #1672-10S
Antistatic, -40° F, 10 oz. #1747-10S

Various

Distilled water, gal
Butane, 5.5 oz. can
Thermal paste, silicon based, 4 gm
Thermal paste, silicone-free, 7 gm

Misc. Cables

USB

USB A male to USB B male, 6'
USB A male to USB B male, 16'
USB A male to USB A female, 6'
USB A male to USB B male mini, 6'
USB A male to USB B male micro, 6"
USB A male to USB B male micro, 3'
USB A male to USB B male micro, 6'
USB A male to USB A male, 6 1/2'

Stereo

Plug to Plug, 3ft
Plug to Plug, retractable, 6ft
Plug to flush cut end, 1.5 ft.

HDMI

HDMI male to HDMI male, 3'
HDMI male to DVI-D male (19 pin), 2 meters
HDMI male to HDMI micro male, 6'
HDMI male to VGA HD-15 male, 6'

Ethernet

Ethernet cat 5E, plug to plug, with boot, 10'
Ethernet cat 6, plug to plug, 15'

LCD Display

4 wire, 8" long

Project Boxes

ABS plastic boxes

4.6" x 3.1" x 1.8"
4.6" x 4.6" x 2.3"
6.1" x 4.6" x 2.3"
7.6" x 4.61" x 2.36"
8.7" x 5.91" x 2.5"

Polycarbonate plastic boxes

4.4" x 3.2" x 1.8"
6.73" x 4.76" x 2.17"

Plug In Power Adaptors

5V, 1A, 5 ft. cable with 2.1 mm barrel jack
5V, 2.2A, 5 ft. cable with micro USB
5.25V, 1A, USB port
9V, 1A, 5 ft. cable with 2.1 mm barrel jack
12V, 1A, 5 ft. cable with 2.1 m barrel jack
15V, 1.6A, 5 ft. cable with 2.1 m barrel jack

Sensors

Acceleration

3 Axis, MMA8452Q board, Sparkfun SEN-12756
3 axis, LIS3DH board, Adafruit 2809

Distance

Ultrasonic ranging, 2 - 400cm, Sparkfun SEN 13959

Electrical current

0.01 Ohm resistor, 3%, 1W
0.1 Ohm resistor, 1%, 1W

Flex-stretch-squeeze

2 1/2" long flex, Adafruit 1070
Rubber cord stretch, 39" long, Adafruit 519
Conductive fiber, Adafruit 1088

Light - Phototransistors

NPN, 860 nm, T-1
NPN, 870 nm, T-1-3/4
NPN, 900 nm, T-1
NPN, 940 nm, T-1-3/4

Light - Photocells

3K - 11KOhm, 5.1mm
9K - 20KOhm, 5.1mm
27K - 60KOhm, 5.1mm
80K - 240KOhm, 5.1mm

Light - IC

Digital, high dynamic range, Adafruit TLS2561
Color with white LED, Adafruit 1356
UV index, Adafruit 1981

Magnetism - Hall Effect IC

Ultra-sensitive, Digikey 620-1040-ND
Latching, Digikey 620-1474-ND

Magnetism - Reed switch

100VDC, 500mA, 10W, Digikey 374-1088-ND

Position

Limit, SPDT, 125V, 10A, Digikey SW867-ND

Moisture

Soil moisture sensor, resistive, Sparkfun SEN-13322

Motion

PIR, with cable, Sparkfun SEN-13285
PIR with adj. sensitivity and delay, Adafruit 189

Pressure

Barometric pressure/altitude, Adafruit BMP280

Sound - Microphone

Electret condenser, 9.7mm dia.,
Omnidirectional, 2.2 KOhm, PC mount
Electret mic & amplifier board, Adafruit 1713

Temperature - Thermistor

NTC, 50mm, 2K Ohm, 1%
NTC, 50mm, 10K Ohm, 1%
NTC, 50mm, 10K Ohm, 5%
NTC, 50mm, 100K Ohm, 1%

Temperature - IC

-40°C - 125°C, Digikey TMP36GT9Z-ND
0°C - 50°C, digital with humidity output, Adafruit 386

Touch - IC

Capacitive, 8 key board, Adafruit 1602
Potentiometer, Sparkfun 13144

Audio Connectors

RCA

plugs and jacks, in-line
jacks, panel mount

1/4" Phone

stereo and mono plugs, in-line
stereo and mono jacks, panel mount

3.5mm

stereo and mono plugs, in-line
stereo and mono jacks, panel mount
stereo jack, in-line
stereo jack, PC mount

2.5mm

mono plug, in-line
mono jack, panel mount
mono jack, PC mount
mono jack, PC mount, right angle

DC Power Connectors

2.1mm

female plug, in-line
female plug to terminal block adapter
male jack to terminal block adapter
male jack, in-line
male jack, PC mount
male jack with switch, PC or BB mount
male jack, panel mount
male jack to 9V battery clip

Actuators

Solenoids

mini push-pull
water valve

DC Motors

1-3 VDC
3-6 VDC

Servomotors

Servo, 4.8-6.0 VDC
Servo, Hitec HS-311