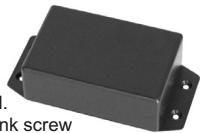


BOXES WITH MOUNTING FLANGES

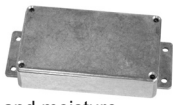
High-impact ABS plastic utility boxes. Black textured finish. Interlocking lid held in place with screws. Interior card guides for 1.6mm thick pc board. Mounting flange has counter-sunk screw holes and adds 1" to 1.25" to overall length of box. Three sizes available:



Interior Dimensions	CAT#	Price
3.1" x 2.0" x 1"	MBF-20	\$2.75 each
4.9" x 2.5" x 1.6"	MBF-22	\$3.50 each
6.0" x 3.5" x 1.9"	MBF-24	\$5.45 each

ALUMINUM CHASSIS BOXES

Diecast aluminum alloy chassis box with mounting flanges. Lap joint construction. Interior card slots. Self-adhesive gasket provides protection against dust and moisture.



Outside Dimensions	CAT#	each
114 x 64 x 30mm	MBX-13	\$13.00
114 x 89 x 55mm	MBX-25	\$19.00
171 x 121 x 106mm	MBX-39	\$35.00
222 x 146 x 55mm	MBX-11	\$39.00

ENCLOSURES W/ ALUMINUM COVERS

Heavy-duty 3/32" molded plastic boxes with brushed aluminum covers. Built in stand-offs for P.C. or perf boards. Includes screws. Solderable perf boards PC-1, 2, 3, 4 listed below fit these cases.



2.7" x 1.7" x 1.2" H	CAT# TB-1	\$1.90 each	10 for \$1.75 each
3.3" x 2.1" x 1.4" H	CAT# TB-2	\$2.25 each	10 for \$2.10 each
4.2" x 2.7" x 1.6" H	CAT# TB-3	\$2.75 each	10 for \$2.50 each
5.3" x 3.3" x 1.6" H	CAT# TB-4	\$3.50 each	10 for \$3.20 each

SOLDERABLE BREADBOARDS

Perf board with mounting holes designed to fit our project enclosures TB-1,2,3 and 4. Boards have holes on 0.1" matrix to fit most standard components and have copper solder rings on one side.

1 1/2" X 1 3/4". Fits TB-1 enclosure.

CAT# PC-1 75¢ each

1 7/8" X 2 1/4". Fits TB-2 enclosure.

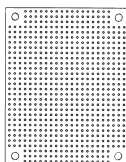
CAT# PC-2 \$1.00 each

2 1/2" X 3 1/8". Fits TB-3 enclosure.

CAT# PC-3 \$1.50 each

3" X 4 1/4". Fits TB-4 enclosure.

CAT# PC-4 \$2.00 each



REDUCED PRICES!

SOLDERABLE PERF BOARDS WITH SOLDER PADS & BUSS STRIPS

160 X 100mm (except for CAT# ECS-6) multilayer epoxy boards with copper pattern on one side. Five useful patterns for SIP and DIP components. Holes on 0.1" centers.

SINGLE HOLE PADS

CAT # ECS-1 \$5.00 each



TWO HOLE PADS

CAT # ECS-2 \$5.00 each



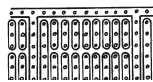
THREE HOLE PADS

CAT # ECS-3 \$5.00 each



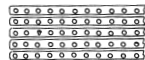
IC PATTERN WITH PADS AND BUSS STRIPS

CAT # ECS-5 \$5.00 each



SOLID LINE PATTERN

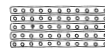
CAT # ECS-4 \$5.00 each



SOLID LINE PATTERN

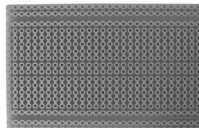
80 x 100mm

CAT # ECS-6 \$3.50 each



SOLDERABLE BREADBOARDS

Breadboards with the same pattern and spacing as our solderless breadboards, CATs# PB-400 and PB-840. Transfer your parts and wires, keeping the same layout to get a long-lasting prototype with reliable solder connections. High-quality FR4 glass epoxy PC board. CAT# SB-300 has the same pattern as SB-400 without the bus strips on each side.



300 point	CAT# SB-300	\$4.00 each
400 point	CAT# SB-400	\$5.00 each
800 point	CAT# SB-800	\$6.50 each

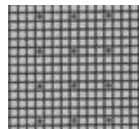
BREADBOARDS FOR SURFACE MOUNT PARTS

Solderable circuit boards for surface mount components. A solid ground plane on the back of the board provides an easy way to make ground connections and helps lower noise for RF and high-speed circuits. Unplated holes are provided at regular intervals for easy connection to the ground plane. Just insert wire and solder both sides. Standard Eurocard/VME size, 100 x 160mm. 0.8mm thick. High-quality, double-sided FR4 glass-epoxy pc board.

SMT PADS

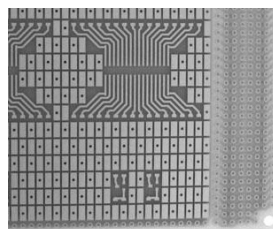
Grid of 42 mil square pads on 50 mil centers allows SMT components of various sizes and pitches to be mounted. SOIC (50 mil pitch) and DIP (100 mil pitch) ICs can be soldered directly to the pads without adapters.

CAT# SB-3T \$12.50 each



SMT PATTERNS AND PADS

For 0805, 1206, SOIC, SOT and other SMT parts. It has three SOIC-32 footprints, each routed to 32 pads. The SMT rectangle pads are spaced for 0805 and 1206 components.



A through-hole area is provided for power connectors and DIP ICs.

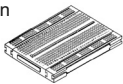
CAT# SB-SMT \$12.50 each

SOLDERLESS BREADBOARDS

Design and change circuits quickly and cleanly. Breadboards accommodate all sizes of dips and discrete components with lead diameters up to 0.032". Interconnect with solid hook-up wire (#22 AWG recommended). Wires and components can be used and re-used many times without damage to board or components.

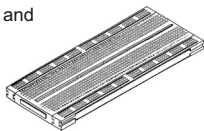
400 tie points. 300 contacts on main board and 50 contacts on each of two power distribution strips. Distribution strips are removable.

CAT # PB-400 \$4.00 each



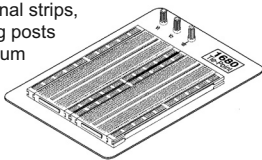
840 contacts. 1 terminal strip and two power buss strips.

2 5/8" X 6 7/8" X 3/8" high
CAT# PB-840 \$7.65 each



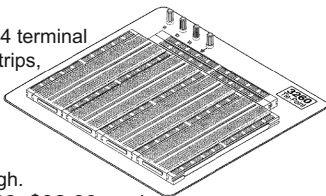
1680 contacts. 2 terminal strips, 4 buss strips, 3 binding posts mounted on an aluminum back plate 5 1/8" X 6 7/8" X 3/8" high.

CAT# PB-1680 \$15.95 each



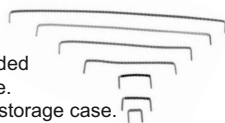
3260 contacts. 4 terminal strips, 7 buss strips, 4 binding posts mounted on an aluminum back plate 7 7/8" X 8 3/4" X 3/8" high.

CAT# PB-3260 \$32.00 each



JUMPER WIRE SETS

Pre-formed jumper wires for use with solderless breadboards. 14 color-coded lengths. AWG 22 solid wire. Unbreakable clear plastic storage case.



140 PIECE ASSORTMENT

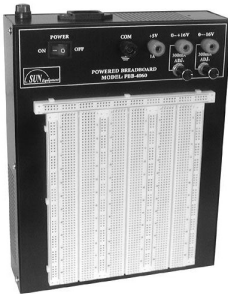
10 of each size **CAT # JW-140 \$ 6.25 each**

350 PIECE ASSORTMENT

25 of each size **CAT # JW-350 \$ 12.95 each**

POWERED BREADBOARD

Simplify projecting and prototyping with this triple-output power supply and solderless 2420 tie point breadboard. One fixed and two adjustable supplies, five bus strips and three plug-in strips for DIP and other components.



Features:

DC power supplies:
5Vdc @ 1.5 Amp fixed
0-15Vdc @ 500mA adjustable
0-15Vdc @ 500mA adjustable
Input: 120/ 240Vac @50-60Hz
Overload and short-circuit protection.
Detachable AC power cord.
10.75" x 8.75" x 3.25". 6 lbs.

CAT# PB-4060 \$119.95 each

SOLDERING IRONS AND ACCESSORIES

SOLDERING IRONS AND STATIONS

VARIABLE TEMPERATURE 16-30 WATT SOLDERING IRON

Xytronic Model 258

Professional soldering iron with temperature control on handle. Temperature can be adjusted from 250-450 degrees C (500-800 deg.F), 16-30 Watts. LED hi/ low temperature indicator. Includes long-lasting, chrome plated, iron-clad, pretinned tip (PL-404). 3-conductor grounded power cord. UL.

CAT# IR-258 \$28.95 each



30 WATT SOLDERING IRON

Xytronic 200GX series. Thermally balanced, professional iron with hi-efficiency nichrome heating element. Fast heat-up and recovery time. Comfortable silicone rubber grip. Includes long-lasting chrome-plated, iron-clad, pretinned tip (PL-404). 3-conductor grounded power cord. 480 DEG. C (900 DEG. F). UL.

CAT # IR-230 \$26.95 each



20 WATT ECONOMY SOLDERING IRON

Xytronics 200GX 20W. An inexpensive soldering iron for both professional and D.I.Y. applications.

720F/380C Degrees. 3-wire grounded power cord. Includes standard conical tip and iron rest.

CAT# IR-23 \$13.25 each



60W TEMPERATURE CONTROLLED SOLDER STATION

XYTRONIC 168-3CD. Soldering iron assembly with nichrome heating element and 44-415404 tip and iron stand. 3-digit LED readout indicates tip temperature in Centigrade and Fahrenheit. Calibration control on face of unit allows for quick and convenient fine tuning of the temperature from 150C to 480C (300F-800F). Precision-wound nichrome heating element. Rapid heat-up time - approximately 45 seconds. Heat-resistant, impact-resistant housing complies with DOD, MIL Spec and CE regulations.

CAT# IR-361 \$105.00 each



SOLDERING TIPS

For Xytronic irons and station above.

1.6 MM PENCIL TIP **CAT# PL-404 \$7.00 each**
5 MM CHISEL TIP **CAT# PL-410 \$7.00 each**
0.8 MM PENCIL TIP **CAT# PL-401 \$7.00 each**
3.2 MM CHISEL **CAT# PL-405 \$7.00 each**