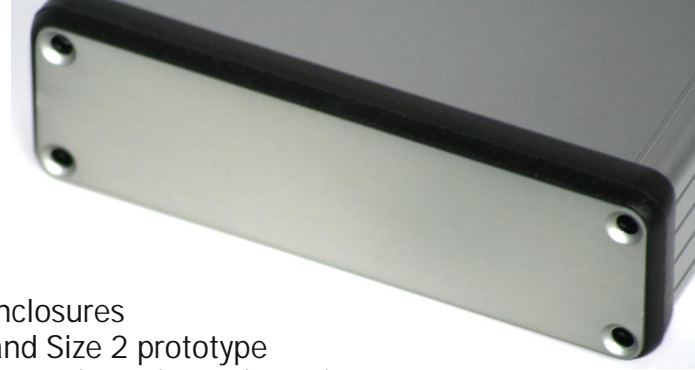


## Enclosures

Building on the success of our popular BOX3 enclosures, 1455N and 1455L, we are excited to announce our newest additions: BOX1-1455C and BOX2-1455L. Perfect for protecting and containing your electronic projects!

The BOX1-1455C and BOX2-1455L are extruded aluminum enclosures designed for BPS Size 1 prototype PCBs (50x80mm boards) and Size 2 prototype PCBs (100x80mm). PCBs mount horizontally by sliding into 4 (BOX1) or 5 (BOX2) built-in card guide slots. Two aluminum end panels are provided with attractive plastic bezels to hide the seams. The screws are recessed flathead type to provide a flat surface. The silver aluminum is anodized (clear or black) for protection from the elements. The end panels can be removed for easy drilling or cutting of holes. Screws and adhesive rubber feet are included and BOX2 has a removable belly plate for easier drilling.



### BOX1-1455C

3.15 x 2.13 x 0.91 inches (80 x 54 x 23 mm)

Fits all BusBoard Size 1 PCBs  
(PAD1, PR2H1, ST1, SP1 series)

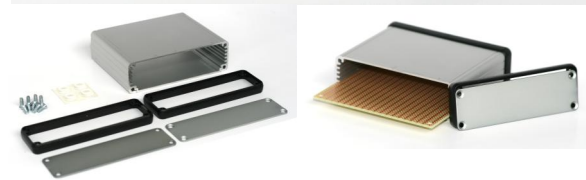


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### BOX2-1455L

4.15 x 4.06 x 1.20 inches (80 x 103 x 30.5 mm)

Fits all BusBoard Size 2 PCBs  
(PAD2, PR2H2, ST2, SP2 series)

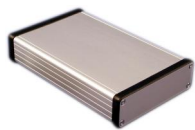


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these great  
enclosures!

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Enclosures on Website...](#)

Fits all BusBoard Size 3 PCBs (POW3U, PR2H3U, SMT3U & SP3 series and more)



### BOX3-1455L

Box Size 6.30 x 4.06 x 1.20 inches (160 x 103 x 30.5 mm)  
5 built-in card guides for 3U sized PCBs (100 x 160mm)



### BOX3-1455N

Box Size 6.30 x 4.06 x 2.09 inches (160 x 103 x 53 mm)  
11 built-in card guides for 3U sized PCBs (100 x 160mm)

## ZipWire™

ZipWire provides a convenient way to connect the signals in your projects. The wires can be unzipped for individual wires as needed and the color-coding can be used to organize power, ground and other signal types to keep your circuit organized. The rainbow colored 28 AWG ribbon cable provides the 10 standard electrical colors, four of each color, in 4 convenient styles.

Ideal for use with solderless breadboards, such as our BB400 or BB830, or to connect to square post headers or 0.1" pitch sockets. Contacts use tinned beryllium-copper in black plastic housings. PVC insulated ribbon cable.



Female-to-Female  
20cm length  
(ZW-FF-20)



Male-to-Female  
20cm length  
(ZW-MF-20)

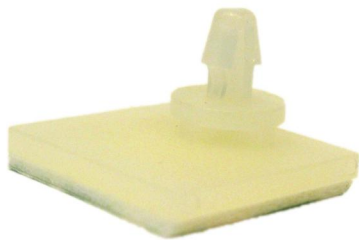


Male-to-Male  
20cm length  
(ZW-MM-20)



Male-to-Male  
10cm length  
(ZW-MM-10)

[Click to view Product on Website...](#)



## Low Profile Adhesive Standoffs

These adhesive standoffs are available in two low profile heights at 0.120" (SA120) or 0.180" (SA180) that allow you to securely attach your 1/16" or 1/32" PCB to a flat surface. The post inserts into a 0.125" mounting hole and includes a locking tab that secures the PCB when inserted.

The 0.6 x 0.8" rectangular base is offset to allow the base to be underneath the board when the mounting hole is close to the PCB edge. This offset provides a large sticking surface while permitting the PCB to be mounted in tight spaces or close to walls. This is extremely useful when working with small enclosures!

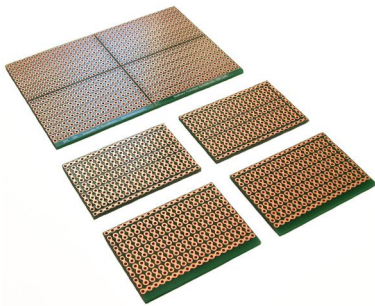
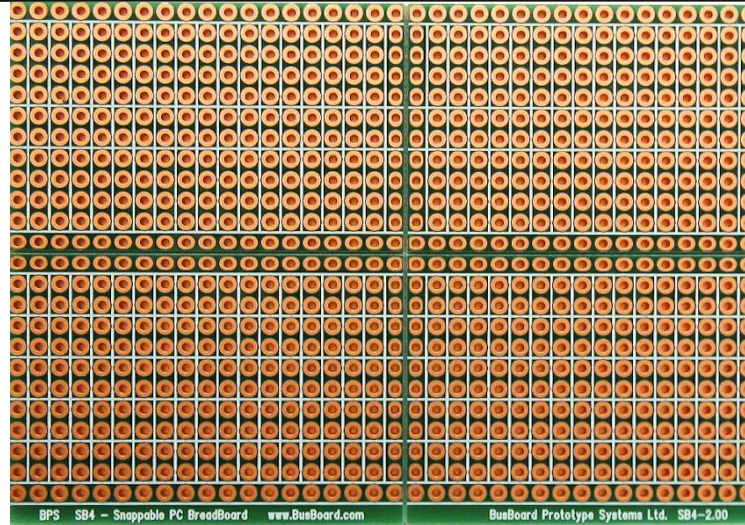
To ensure a secure bond between the standoff and a flat surface we use high-quality 3M brand double-sided tape on the bottom. Both SA120 and SA180 standoffs are available in packages of 8, 24, 100, 500 or 1,000.

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## Snappable PC BreadBoard

The SB4 Snappable PC BreadBoard is great for a small project, or four tiny projects. It can be used as a single prototyping board, or can be snapped into two or four smaller boards. It is scored in two places along the middle to make snapping into smaller pieces easy. The SB4 solderable PC breadboard is great for making rugged prototypes.

Two of the boards have 4-hole strips, which are good for IC circuits. Two of the boards have 2-holes strips that are good for higher density circuits (and they can be joined if needed for longer strips).



Each of the four smaller boards has two power rails. While some boards leave the centerline empty we have included bonus two-hole pads allowing DIL (dual in-line) headers to be used. A top-side silkscreen helps to position components.

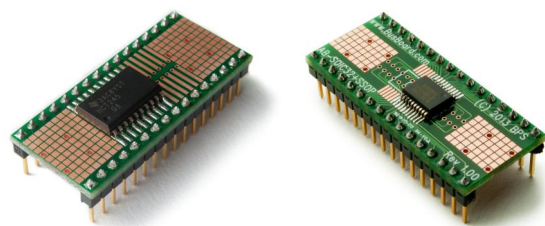
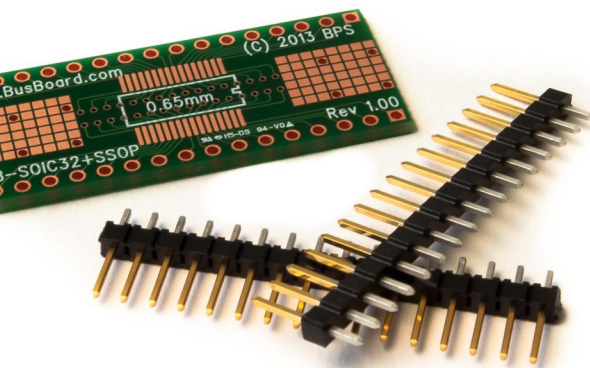
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## AdapterBoard SOIC32+SSOP32

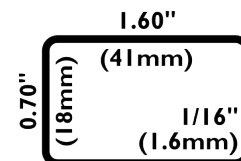
This AdapterBoard connect SOIC or SSOP integrated circuits to DIP-32 pins to allow them to be used with solderless breadboards or thru-hole prototyping boards. It is a dual-usage adapter. The board has a SOIC-32 footprint on the top (0.050" pin pitch), a SSOP-32 (0.65mm pin pitch) footprint on the bottom and includes two 16x1 headers.

The SOIC pads can be used for narrow or wide packages (up to 0.500" pin-to-pin). Multiple smaller SOICs can be installed. Bonus SMT pads allow other components to be added on square 0.050" pads. Vias allow connection to SMT pads on other side. Tracks under SOIC-32 connect left and right SMT pads to carry signals. These can be used to add decoupling capacitors to the IC when the power and ground pins are at opposite ends.



SOIC Side Soldered      SSOP Side Soldered  
(Soldered chip shown in image not included)

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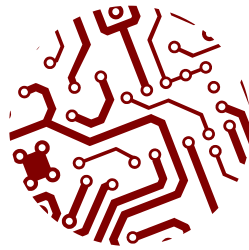


BPS was founded to create prototyping boards that make the designers job easier. Some useful patterns simply weren't available at the time, or they had an unnecessarily high cost. BPS strives to deliver the prototyping products our customers need to build great things.



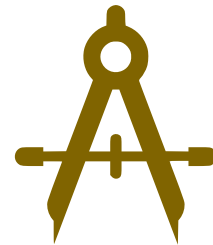
### Great Value, High Quality

BPS delivers high-quality breadboards and PCBs at a reasonable price. You get a great board everytime.



### Unique Patterns

We have many unique patterns not available elsewhere that make many prototyping assembly jobs easier and introduce new patterns in response to customer demands.



### Precision Focused

BPS boards are precision drilled and precision etched. No more worrying about off-center drilling or poor etching.



### RoHS Compliant

All of our products are lead-free and RoHS compliant ensuring your safety while helping keep the environment free of toxins.



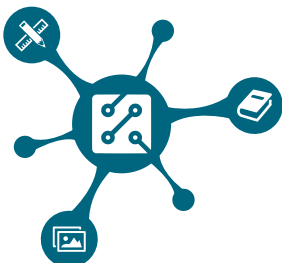
### Flame Retardant

All boards use high-quality FR4 laminate with UL94-VO flame retardant rating.



### Protective Coatings

Our copper PCBs have an anti-tarnish protective coating which provides easy solderability and a long shelf-life.



### Complete Documentation

Every product comes with a datasheet that includes product specifications, drawings and dimensions.



### Retailer Friendly

BPS products are ready for store front sales. We provide phone and email support for your customer's questions.



### Online Sales Friendly

We provide all the information and graphics you need to promote and sell our products on your website. We link to your sales pages to help you sell.