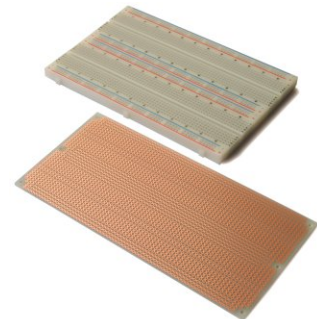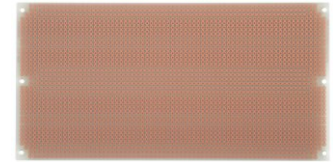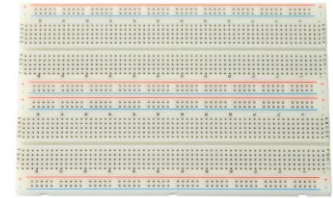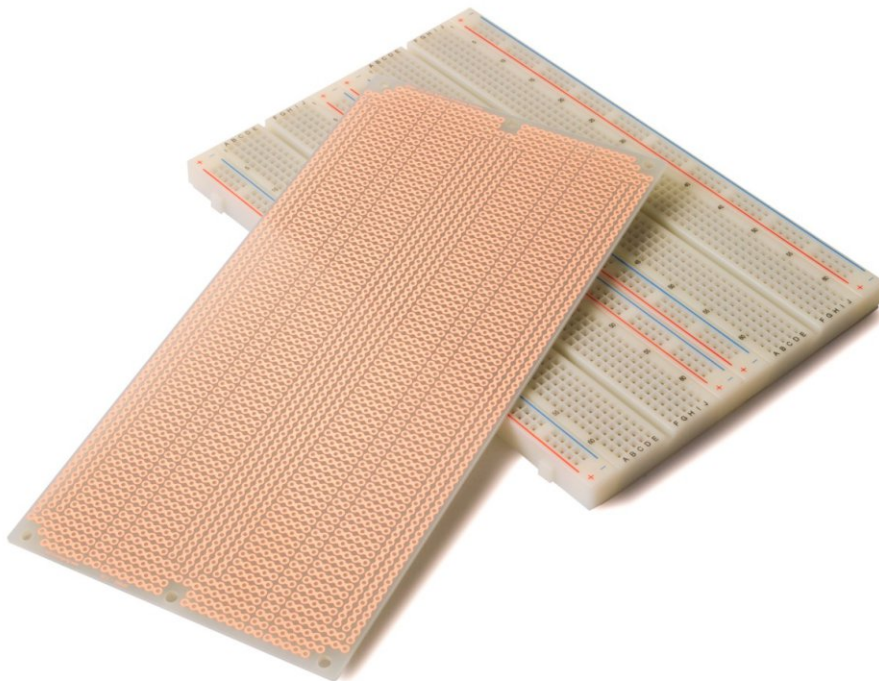# KIT-BB1660+SB1660

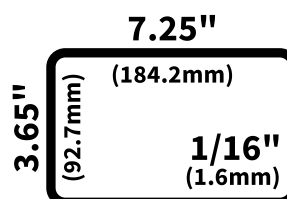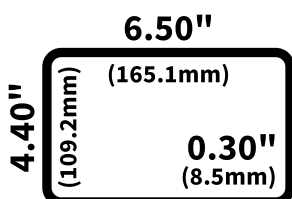## A BB1660 Solderless Plug-in BreadBoard with a matching SB1660 Solderable PCB BreadBoard

BB1660 Features:

- 1660 tie points total: 1260 tie-point IC-circuit area plus four 100 tie-point distribution strips providing 8 power rails.
- White ABS plastic body with black printed legend. Color legend on distribution strips.
- Contacts are Phosphor Bronze with Plated Nickel Finish, rated for 50,000 insertions.
- Rated at 36 Volts, 2 Amps.
- Insertion Wire Size is 21 to 26 AWG, 0.016 to 0.028 inches diameter (0.4 to 0.7mm diameter)
- Peelable adhesive tape backing provided for attaching to a surface.

SB1660 Features:

- Solderable PC BreadBoard, 6 Mounting Holes, Matches Double-BB830 breadboard.
- Same pattern as two standard 830 connection point BB830 solderless plug-in breadboards sideby-side (BB1660).
- Single-sided high-quality FR4 glass-epoxy circuit board.
- 1oz/ft² copper with an anti-tarnish coating for easy soldering. Lead free and RoHS compatible.
- 2528 holes, 0.042" holes are drilled on 0.1" (2.54mm) centers.
- Six 0.125" mounting holes.

6.50"
(165.1mm)
4.40"
(109.2mm)
0.30"
(8.5mm)

RoHS COMPATIBLE

7.25"
(184.2mm)
3.65"
(92.7mm)
1/16"
(1.6mm)

RoHS COMPATIBLE

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BB830 Details:

BreadBoard-1660 is a solderless (plug-in) breadboard with 1660 connection tie-points (i.e. 1660 wire insertion holes). It has 8 power rails. Solderless breadboards are great for building and testing new circuits because parts can be easily inserted and removed. They are completely re-usable.

The BB1660 has two 630 tie-point IC-circuit areas plus eight 50 tie-point power rails. The housing is made of white ABS plastic, with a printed legend giving numbers and letters for columns and rows. The internal contacts are phosphor bronze with a plated nickel finish.

A peelable adhesive tape backing is provided for attaching it to a surface and optional metal back plates are provided. BPS BreadBoards are Lead-Free and RoHS Compliant. Finished projects can be moved to an SB1660 Solderable PC BreadBoard to make them permanent.
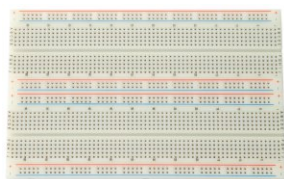
SB830 Details:

The SB1660 Solderable PC BreadBoard enables you to transfer your circuit and wires from a plugin breadboard without changing your layout. The SB1660 has the same pattern and spacing as two standard 830 connection point BB830 solderless plug-in breadboards side-by-side. It has a standard 5-hole strip for each IC pin, just like solderless breadboards. It provides the reliable long-term connectionsof soldered joints.
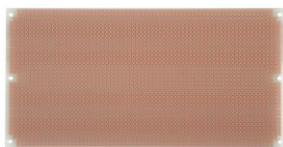
The SB1660 has eight power rails like two solderless breadboards, plus four bonus rails for power or signals. There are bonus two-hole pads along the centerlines allowing DIL (dual in-line) headers to be used. A top side silkscreen helps to position components. Six mounting holes allow your projects to be secured.

BPS prototyping boards use high-quality FR4 glass epoxy PCBs for long life. An anti-tarnish coating protects the copper for a long shelf-life and provides easy soldering. BPS boards are lead-free and RoHS compatible.

Related Products:

BB1660 Solderless
Plug-in BreadBoard

SB1660 Solderable
PCB BreadBoard

BB830 + SB830
BreadBoard Pack

BB400 + SB404
BreadBoard Pack