

# SB830 - Solderable PC BreadBoard

*Transfer your circuit to this permanent circuit board from a plug-in breadboard to create a rugged long-lasting prototype.*

## Features

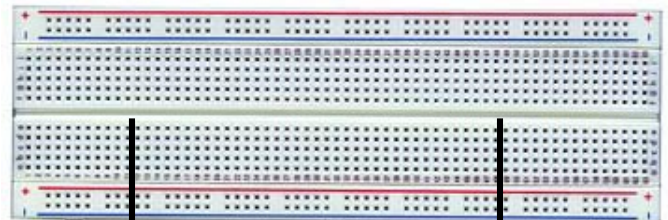
- Transfer your circuit and wires without recutting wires or changing your layout. The SB830 Solderable PC BreadBoard has the same pattern as a standard 830 connection point BB830 plug-in breadboard with power rails.
- SB830 is similar to the BR1 board, but a top-side silkscreen is added. Pads are connected with thinner 0.040" tracks for easier track cutting when required.
- Make your prototype rugged. Soldered joints provide a more reliable long-term connection than solderless plug-in contacts.
- Standard 5-hole strip for each IC pin, just like solderless breadboards.
- Four power rails are provided along the edges like a breadboard, plus 2 bonus rails.
- Bonus centerline 2 hole pads provide an easy way to mount DIL headers.

## Specifications

- High-quality etched FR4 glass-epoxy circuit board with top side silkscreen.
- Single sided, 1oz/ft<sup>2</sup> copper with an anti-tarnish coating for easy soldering. Lead free and RoHS compatible.
- Holes are drilled on 0.1" (2.54mm) centers.
- 1258 holes total. 0.042" (1.07mm) holes sized for ICs or square post headers.
- Four 0.125" mounting holes.
- 1.85" wide, 7.25" long, 1/16" thick (184.2 x 47.0 x 1.6mm)

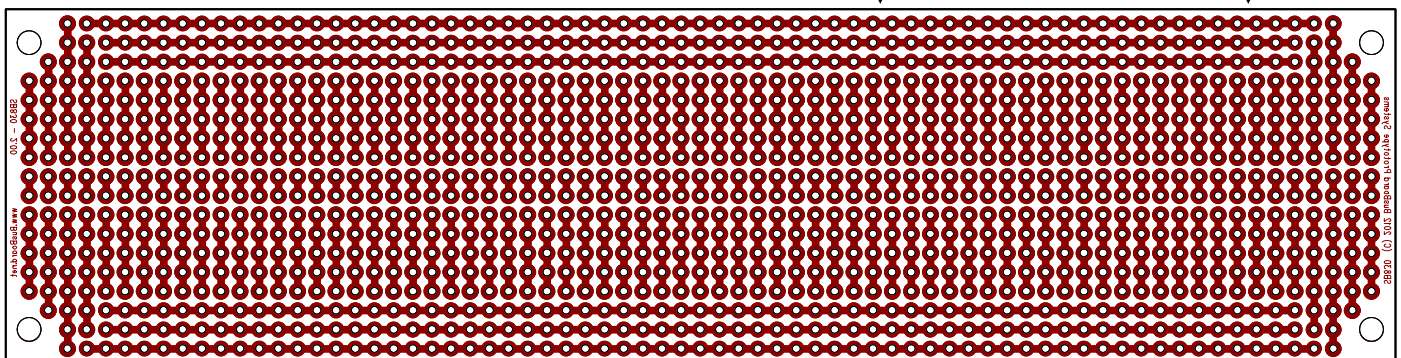
## **Order Part# SB830**

**Related Parts: BB830 and BB830T** breadboards have the same layout as solderable PC breadboards.



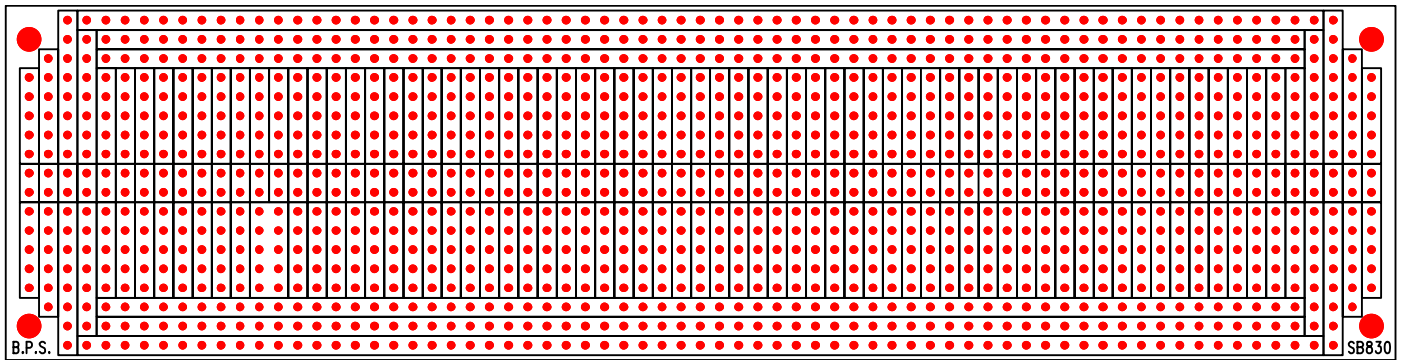
**Move Your Circuit  
To Make It Permanent**

## Board Layout Bottom (actual size)



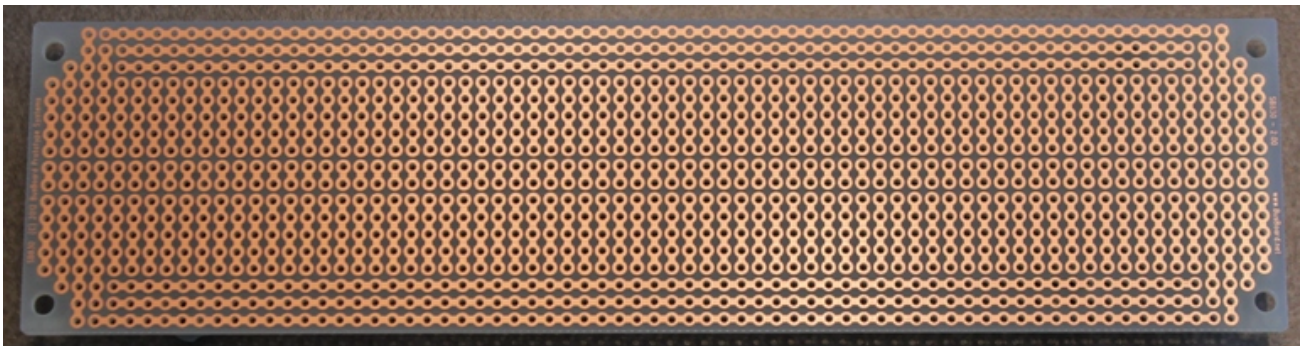
SB830 – Bottom Side Copper

## Board Layout Top (actual size)



SB830 – Top Side Silkscreen

## Board Photo



SB830 – Bottom Side Copper

## Board Dimensions

