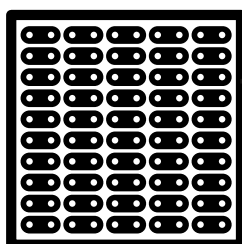


Proven Patterns

We offer a variety of PCB patterns that provide both connection and time-saving advantages.

All our PCBs are:

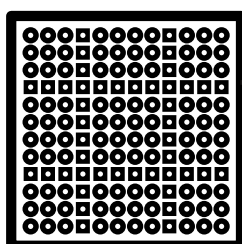
- High-quality FR4 glass-epoxy circuit boards that provide great stability and moisture resistance.
- Protected with an anti-tarnish coating to provide easy soldering and ensure a long shelf-life.
- Manufactured with 1oz/ft² copper.
- RoHS Compliant



ProtoBoard

SIZE 1 SIZE 2 SIZE 3

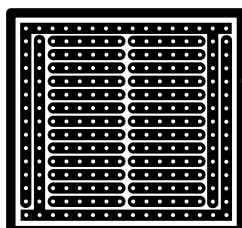
ProtoBoard provides a convenient 2-hole or 6-hole pattern that provides an easy way to connect parts while maximizing usable board area. The 2-hole pattern is great for compact circuit layouts since many discrete components can be located close together. Often this pattern is more convenient than pad-per-hole patterns. The 6-hole has a stripboard pattern that is pre-cut with 6 holes per segment and is great for integrated circuit use, allowing multiple components to be connected to each circuit junction. ProtoBoard is single-sided with 0.037" holes drilled on 0.1" (2.54mm) centers.



PadBoard

SIZE 1 SIZE 2 SIZE 3

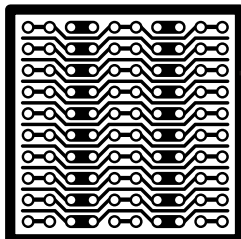
PadBoard provides a general purpose pad-per-hole prototyping pattern. It is a double-sided board with plated holes allowing components to be soldered to either side. To help with component alignment there is a square pad placed every 5th hole on both the top and bottom of the board. PadBoard has 0.037" holes drilled on 0.1" (2.54mm) centers.



PowerBoard

SIZE 3

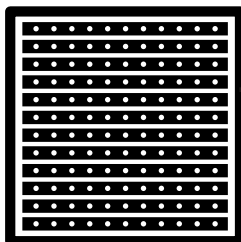
PowerBoard provides a general purpose 6-hole per strip pattern with interleaved power and ground rails. This allows easy distribution of power to circuits. PowerBoard is single-sided and has 0.037" holes drilled on 0.1" (2.54mm) centers.



BusBoard

SIZE 2 SIZE 3

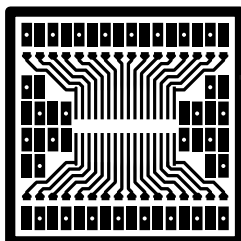
BusBoard provides a zig-zag circuit pattern which is great for high connectivity I.C. and connector applications. The pattern connects DIL headers and DIP ICs pin-to-pin without cutting tracks or adding wires. It's great for 2-row parts with many common signals. Opposite sides of the IC or connector are on separate tracks to simplify wiring. It's ideal for memory buses or DIL connector breakout boards. Narrow and wide tracks identify the connected pads. Indicator holes show which are the wide tracks from the top side. The solder mask helps avoid solder bridges and shorts between tracks. BusBoard is single-sided with 0.037" holes drilled on 0.1" (2.54mm) centers.



StripBoard

SIZE 1 SIZE 2 SIZE 3

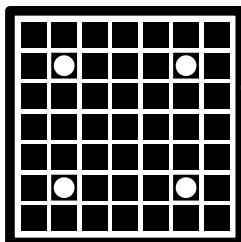
StripBoard provides a standard long strip pattern. The long tracks are convenient for power and ground rails, and for signal buses. Strips can be cut as needed to make smaller tracks and circuit pads. StripBoard is single-sided and has 0.037" holes drilled on 0.1" (2.54mm) centers for DIP integrated circuits, headers and other components.



SMTboard

SIZE 3

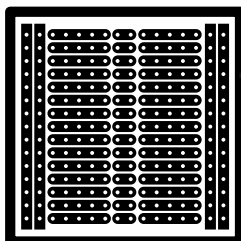
SMTboard is a prototyping circuit board for 0805, 1206, SOIC, SOT, other SMT parts and up to 3 SOIC-32s with each footprint routed to 32 pads. The SMT rectangle pads are spaced for 0805 and 1206 components with 0.1" spacing to allow DIP ICs and headers to be attached and holes through every second pad. A through hole prototyping area for headers, power connections and DIP ICs is provided with a BusBoard pattern on the back side allowing easy access to both sides of headers and ICs. The back side provides a solid ground plane. Three styles available: unplated holes, plated holes, and 1/32" (0.8mm) thin unplated.



SMTpads

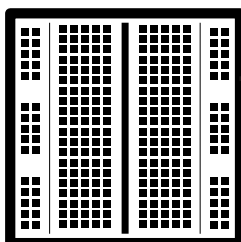
SIZE 1 SIZE 2 SIZE 3

SMTpads is a prototyping circuit board with a grid of pads for 0402, 0603, 0805, 1206, SOT23, and other SMT components of various sizes and pitches. SOIC (50 mil pitch) and DIP (100 mil pitch) integrated circuits or sockets can be soldered directly to the pads without adapters. Larger components can span pads. A bottom side solid ground plane provides an easy way to make ground connections by inserting a wire and soldering both sides. Three styles available: 50x50, 100x100 and 200x100 mil pad patterns. Special boards with plated holes or two-sides are also available.



Solderable PCB BreadBoard

Solderable PC BreadBoard enables you to transfer your circuit and wires from a plug-in breadboard without recutting wires or changing your layout. Each board has the same 5-hole per strip pattern, power rails and spacing as standard solderless plug-in BreadBoards. The advantage over the plug-in equivalent is that soldered joints provide a more reliable long-term connection than solderless contacts. Some styles include bonus rails for power or signals, bonus two-hole pads for DIL headers to be used and mounting holes. Available in styles that match 300, 400, 830 and 1660 tie-point BreadBoards. Solderable PC BreadBoard are single-sided with 0.042" holes drilled on 0.1" (2.54mm) centers.



BreadBoard

Solderless Plug-in BreadBoard is great for building and testing new circuits because parts can be easily inserted and removed and they are completely re-usable. Finished projects can be easily moved to a Solderable PC BreadBoard to be made permanent. BreadBoards are made with a white or transparent ABS plastic housing and have phosphor bronze internal contacts with a plated nickel finish. A peelable adhesive tape backing for surface attachment is pre-attached. A printed legend is provided to aid in the prototyping process by giving numbers for rows and letters for columns. Unlike many other breadboards, BPS BreadBoards can be used with 0.025" square post headers. This is due to the high-quality contact construction that can be used with 21 - 26AWG wire or headers. A contact life of 50,000 insertions ensures a long prototyping life. Available in 170, 300, 400, 830 and 1660 tie-point sizes.