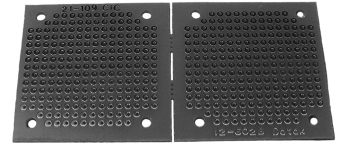


FR - 4 FIBERGLASS AND PHENOLIC PROTOBOARDS

Datak Protoboards. Available in fiberglass for R.F. and digital circuits. In addition to use at high frequencies, fiberglass provides better characteristics in higher temperature environments, those with exposure to humidity. Choose from phenolic for economy or the new fiberglass substrate.

Datak Protoboards have copper one side, and are printed on the (opposite) component side to aid in keeping track of where copper side traces are located. Holes accept standard component leads, including IC's, and are spaced on standard 0.10" centers. Board material is standard 1/16" thickness for both materials. FR-4 material dielectric constant is 4.7 at 1MHz and 4.25 at 1 GHz. typical.

Small General Purpose Protoboard. Size 1.8" wide by 3.6" long. The board is two smaller, identical boards and scored for easy break-apart when only a very small board is needed. This is a simple board with a matrix of (single) holes on 1/10" centers, copper one side.



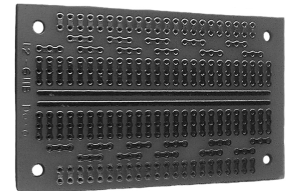
Small general purpose board in Phenolic.....Datak no. 12-602
Small general purpose board in Fiberglass.....Datak no. 12-603

Small IC Protoboard. Size 1.8" wide by 3.6" long. The board accommodates standard DIP (dual inline) IC's. Two smaller, identical boards and scored for easy break-apart when only a very small board is needed. Hole spacing on 1/10" centers, copper one side.



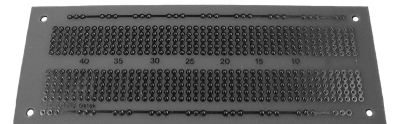
IC Protoboard in Phenolic.....Datak no. 12-607
IC Protoboard in Fiberglass.....Datak no. 12-608

Small Protoboard. Size 1.8" wide by 3.6" long. Features drilled copper pads connected via traces in groups of two and three. A general purpose small board that can accommodate transistors and common passive components well.



Protoboard in Phenolic.....Datak no. 12-611
Protoboard in Fiberglass.....Datak no. 12-612

Medium size Protoboard. Size 5.16" x 1.90" and large enough to accommodate circuits containing several IC's. Forty-five rows of holes are set up so that IC's can straddle the center of the board and each IC pin has five pads for the connection of the IC pin to other components.



Medium Size Protoboard in Phenolic.....Datak no.12-617
Medium Size Protoboard in Fiberglass.....Datak no. 12-622

Large Protoboard 4.30" x 5.50" a board with over 1900 pad/holes and large enough to accommodate some large circuits. The component side pads are imprinted with ink so that the user will know where the copper is on the solder side. Holes are sized to accommodate standard, leaded components on 1/10" centers; bright copper accepts solder readily.



Large Protoboard in Phenolic.....Datak no. 12-600
Large Protoboard in Fiberglass.....Datak no. 12-601

Strip PROTOBOARDS

Copper strips on one side, 0.40" diameter holes are on 0.10" centers to accept common component leads. The strips run full length but user may break them up using an Xacto knife. These are handy for prototyping and may be cut with sheet metal shear, hack saw etc. to make smaller boards. The board is xpx phenolic material.

No. 12-618...size 3 15/16" wide X 6 5/16" length

No. 12-619...size 3 15/16" wide X 9 13/16" length

