

PIN PLACEMENT TEMPLATES

PRODUCT Highlight

Almost all circuit boards are double-sided assemblies. When the second side of the board is ready for surface mount assembly, a great deal of time is utilized in setting the support pins in the stencil printer and the pick and place machines. Finding unpopulated areas for pin placement to support the populated side of a board is very difficult due to the small components that are present. If small components are impacted by the support pins, damage may not be identified until the board is tested. Because of this, there can be lost time and materials. The solution is a **Global Stencil Pin Placement Template**.

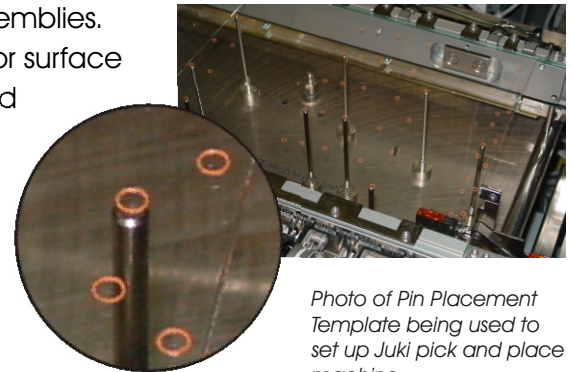


Photo of Pin Placement Template being used to set up Juki pick and place machine.

Global Stencil will take your PWB Gerber data and determine where support pins can be placed on the populated side of the board. Once the placement locations are determined, a clear template is cut the same size as the board, with cut-outs or engraved marks for the support pins. Simply place the template in your machine, set the support pins in the marked areas you choose, and you are ready to print. Global Stencil's **Pin Placement Templates** save you both valuable set up time and money by eliminating damaged components caused by contact with support pins. And for a limited time, receive a discount on Pin Placement Templates when ordering with your SMT solder paste stencil.

What are Pin Placement Templates? Benefits of Pin Placement Templates:

- ◆ Clear material cut to the same size and shape of the PWB to be populated.
- ◆ Possible support points are determined through analysis of the PWB Gerber data.
- ◆ Support points are engraved or cut through the plastic material identifying safe areas for support pin placement.
- ◆ Used to set up support pins on both SMT printer and placement equipment.
- ◆ Saves set up time of printers and placement equipment
- ◆ Takes guesswork out of support pin position
- ◆ Saves money in damaged components by eliminating accidental contact of support pins on small components
- ◆ Saves costly rework time
- ◆ Provides repeatability without effort for repeat assemblies

Contact Us:

(972)642-8941

Toll Free outside Dallas/Ft. Worth

(866)290-4488

(972)642-9066 FAX

www.globalstencil.com

email:

customercare@globalstencil.com

files@globalstencil.com

1985 - 2008

23

YEARS OF EXCELLENCE