

Author Update

• In my “Practical Printed-Circuit Boards” (August 1989), the following information did not appear but is germane to the subject:

The method detailed in Step 1 can also be used with negative (photographic) artwork. Flip over the photocopied artwork, backlight it and trace the conductor and pad outlines to make a positive. All holes and edges in the copper cladding must be smoothed with sandpaper, even on single-sided boards; otherwise, there may be “donut” shaped defects around several holes due to the undercutting effect of the etchant. Your fingertips will reveal the difference.

In Step 4, spacing between conductor traces can be as little as $\frac{1}{32}$ -inch. Unwanted adhesive should be removed with the

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starting fluid. Finally, the rubber-cement block mentioned could easily remove short resist traces like the one touched by the larger circle in Fig. 4.

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