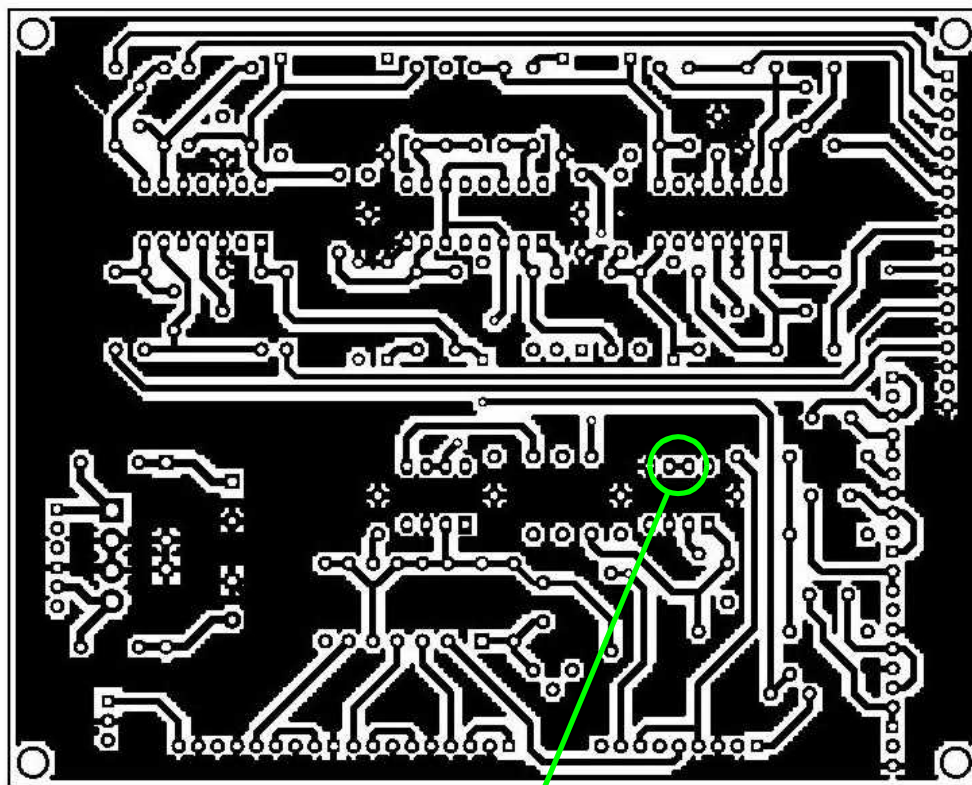




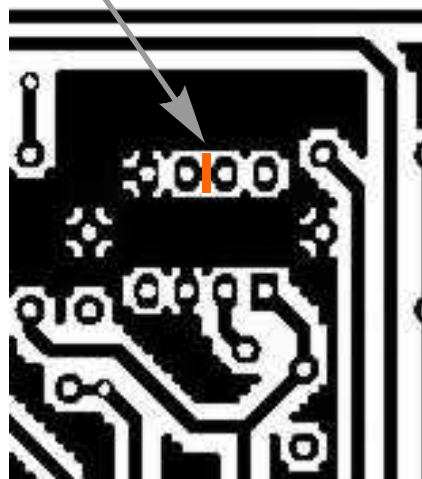
Magic Smoke Electronics

- 1) On the bottom side of the board, locate and cut the trace between pins 6 and 7 of U4.



Locate this trace:
U4, between pins 6 and 7

Cut trace between pins 6 and 7

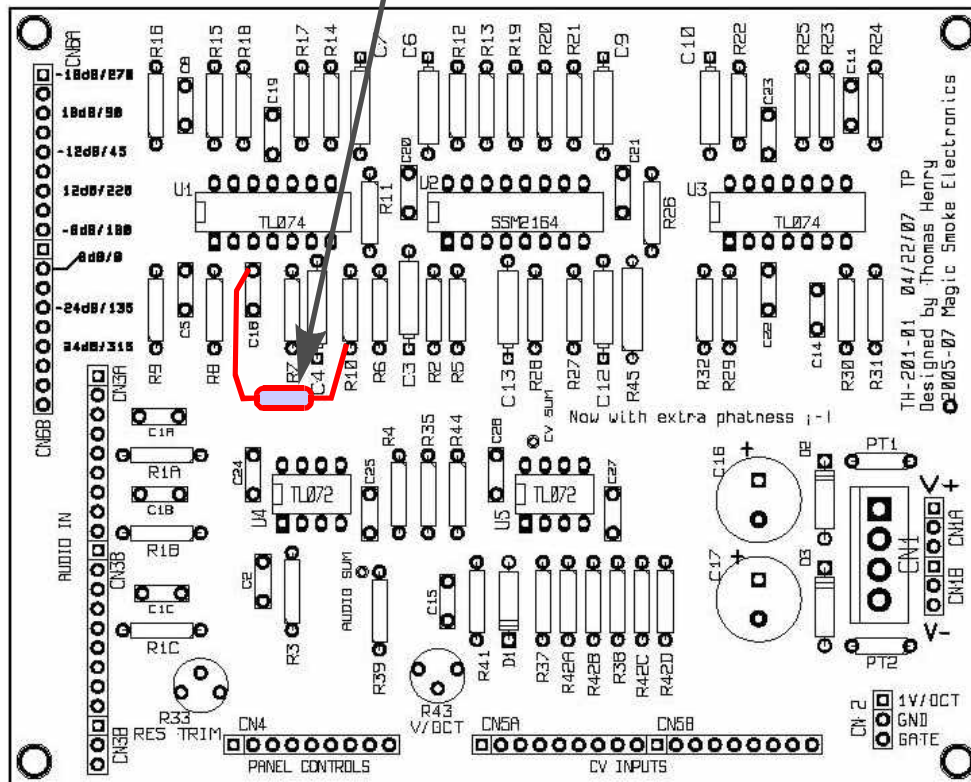




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- 2) R46 can be placed on the top side or the bottom side. Mounting on the top side gives you a little more space on the bottom, but mounting all rework on the bottom side results in a cleaner appearance. R46 connects between R10 and C18. It is important that you mount all the rework connections to the correct sides of the components as shown, and make sure that the resistor leads don't short out against other components. You may want to place heat shrink tubing over the leads of the rework resistors to prevent possible shorts. R46 can be mounted on the top side as shown below, or on the bottom side as shown on the next page.

R46 (1k) can be placed on the top side as shown here, or on the bottom side (see next page), between R10 and C18





Magic Smoke Electronics

- 3) On the bottom side of the board, carefully locate the connections for all rework as shown below. Again, it is very important to make the rework connections to the correct side of the existing components, and to make sure that the resistor leads do not short out against any other components or connections. Putting heat shrink tubing over the connections to protect them is highly recommended. Although R32 has pads and a location on the top side, it is much better to place R32 as shown. One of the existing pads for R32 is used, and the other side of R32 is jumpered to U4, pin 7. A small dab of silicon sealant can be used to secure the rework components so that they don't vibrate and stress the solder connections.

