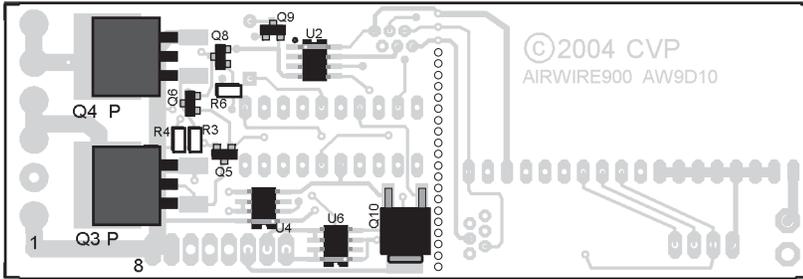


## Bottom View Of Board



Cut Location

## Split Board Kit Instructions Please Read Carefully!

This kit contains the parts necessary to allow the splitting of the AirWire board into two halves and joining them together with a thin flexible flat cable.

Follow these steps to insure safe separation of the two halves.

### Step 1: Locate the Cut Location

The break location is marked with a series of small holes near the center of the board.

Locate the break point on the bottom of the board. Three of the holes actually provide connection between the two halves and they too will be severed.

### Step 2: Obtain the Proper Tools

Do not attempt to snap the board in half. This will likely cause damage. Instead, use a razor saw or a Dremel tool with a large cutting disk. You will also need a good quality soldering iron with a small diameter tip. Using a larger than necessary tip will result in board damage and solder bridges.

### Step 3: Cut the Board Apart

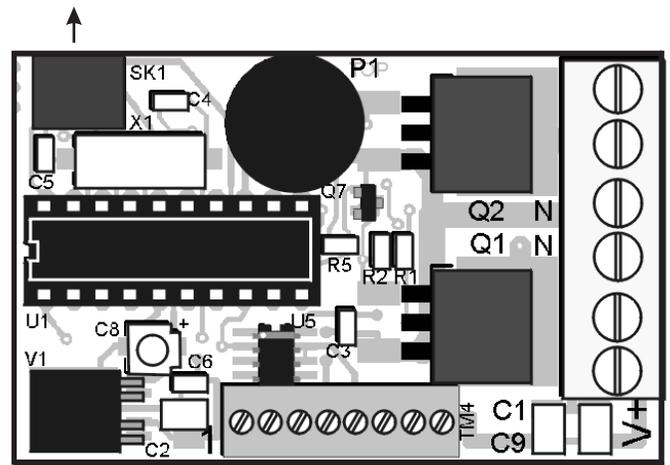
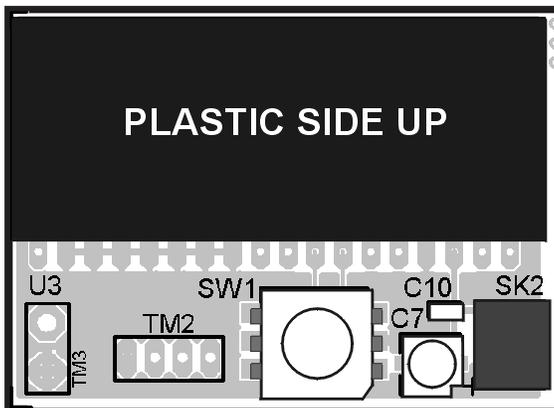
Using the row of holes as a guide, cut the board apart. Be careful not to damage components adjacent to the cut location. Cut all the way through the board. Don't stop half way and try to snap the board apart. This sort of flexing will damage the board and the small components. There is no need to smooth or clean the edges.

### Step 4: Solder the Sockets

Install and solder the two sockets, SK1 and SK2 on the top side of the board and solder on the bottom side. Make sure the socket opening points away from the board (arrows).

Use small diameter (0.015 or 0.020) solder. Use fresh solder and make sure it is rosin cored.

After soldering inspect for solder bridges.



### Step 5: Connect Flex Cable

The flex cable is a friction fit into the socket. When connecting the cable, check that both shiny, silver sides (this is the contact side) points towards the bottom of the socket and board. The cable can be twisted and routed through narrow openings but make sure the contact side always faces the bottom of the socket and board.

