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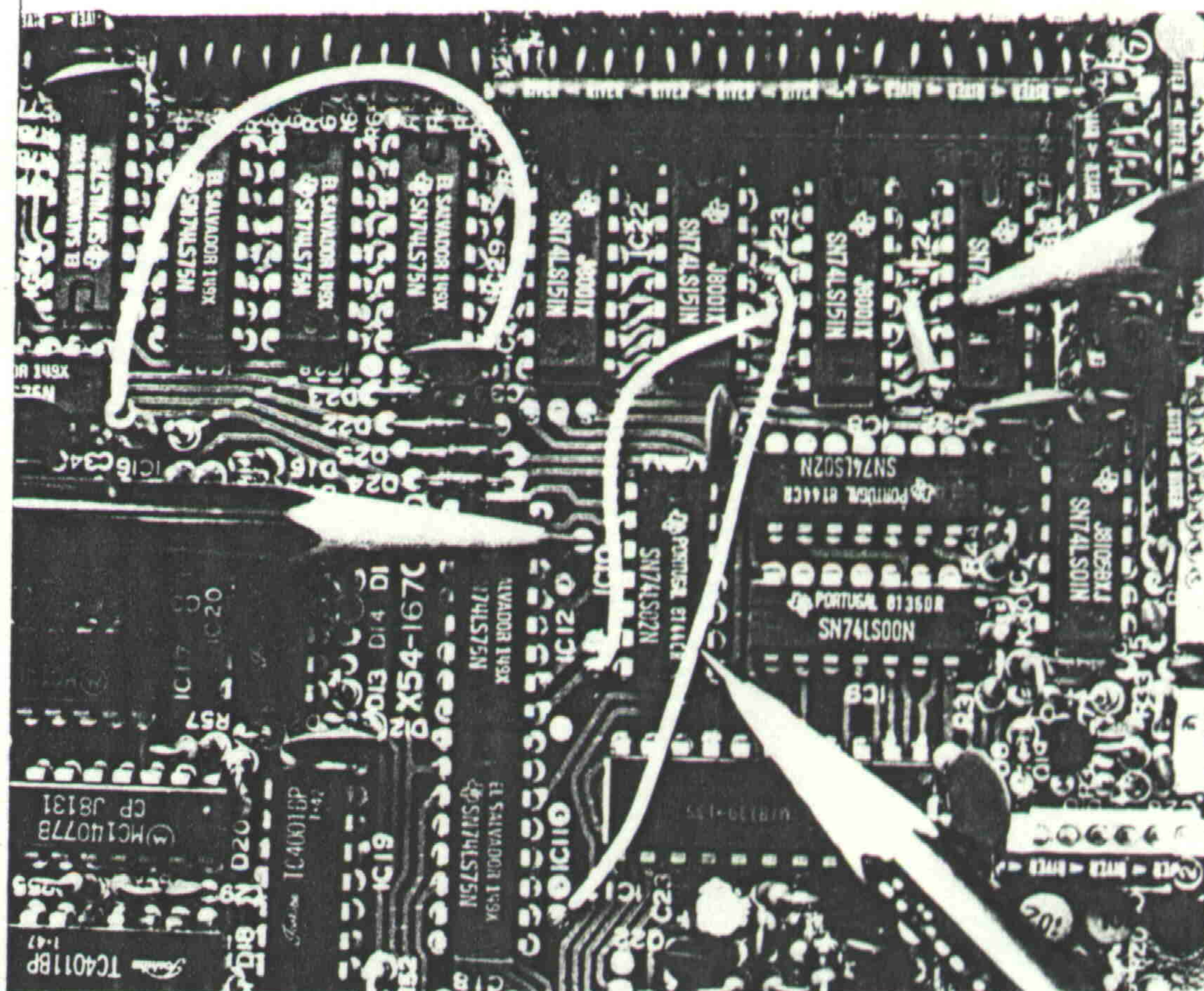
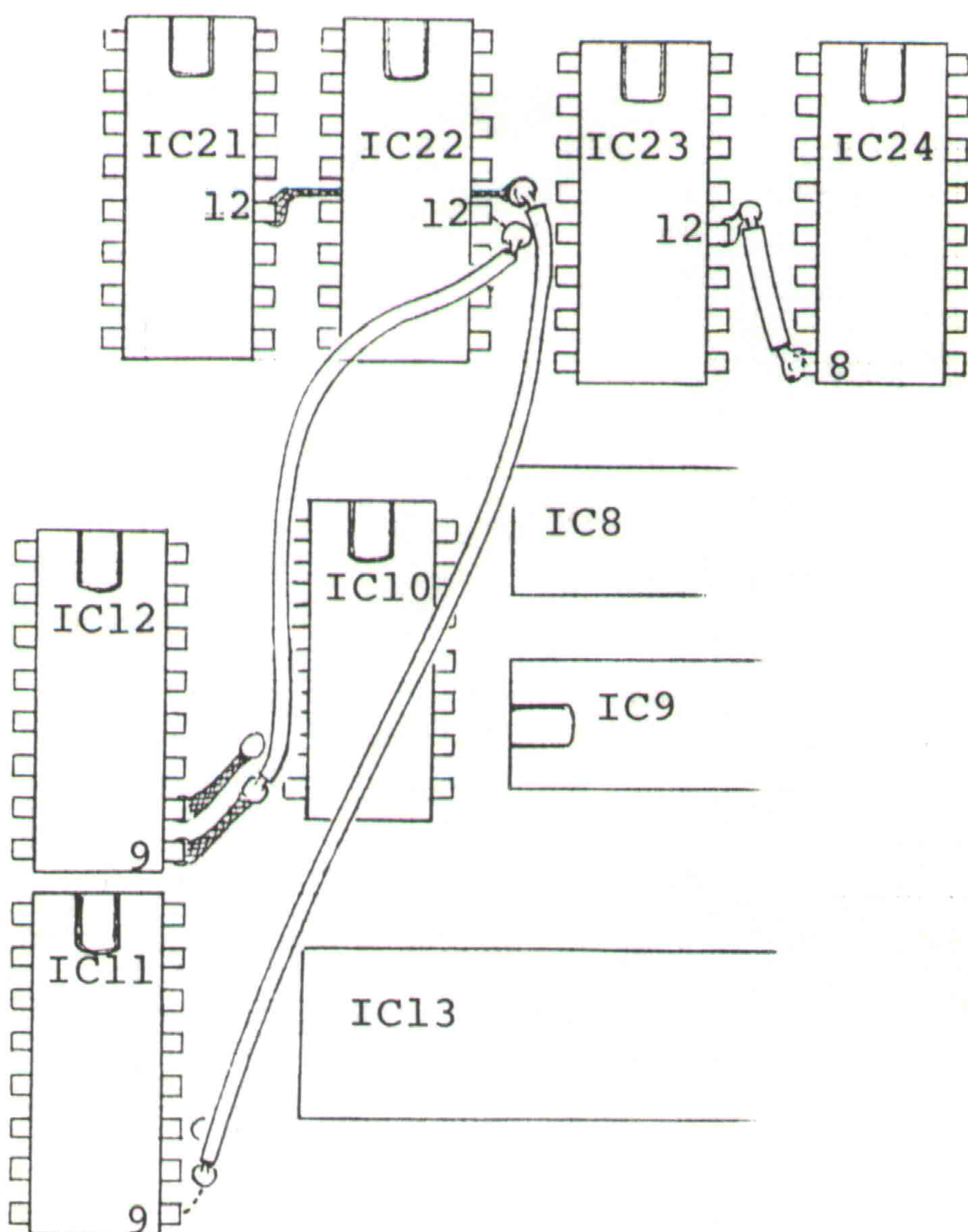
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TRANSMIT ENABLE FOR MARS AND CAP FREQUENCIES

For MARS or CAP transmit capability, a minor wiring addition is required.

1. Unplug the AC power cable.
2. Remove the transceiver top cover (eight screws).
3. Remove four screws from the speaker mounting and top panel assembly.
4. Swing the assembly away and unplug the Red/Black battery backup leads from the Digital unit X54-1680-00.
5. As shown, carefully add a wire jumper from: IC 21 Pin 12 to IC 11 pin 9, IC 22 Pin 12 to IC 12 Pin 9, IC 23 Pin 12 to IC 24 Pin 8 (ground). For simplicity, this may be tack-soldered on the component side of the board. Do not create solder bridges, or drop solder or wire shards into the radio.
6. This completes the modification. Reassemble the unit, being certain not to pinch any leads under the speaker bracket assembly.

Be certain not to transmit out-of-band, or accidentally operate on any non-amateur frequency, unless you are authorized to do so. DON'T JEOPARDIZE YOU LICENSE!



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