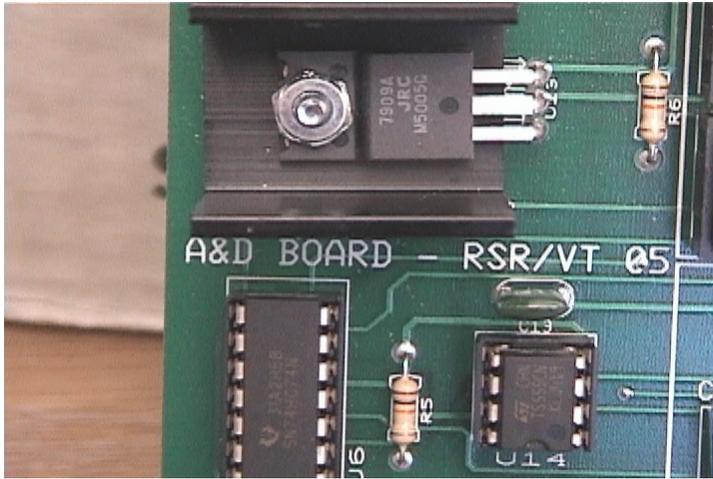


Grounding A&D Board U6 for Proper Digital Pulser Operation

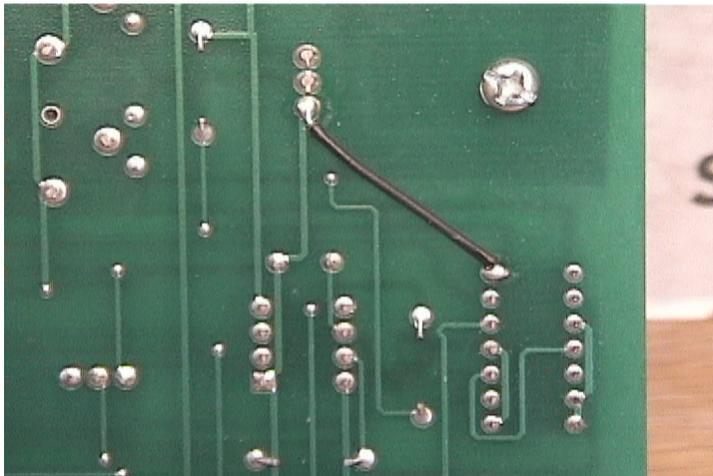
On the RSR/VT A&D Board, the 74HC74 chip (U6) produces digital pulses when activated by the push-button switches (J3 & J4). Due to an error in the original board layout, chip U6 is not grounded, which produces irregular and multiple pulses, instead of one per push.

To correct this problem, solder a wire jumper between pin 7 of U6 and pin 1 of the 7909 negative voltage regulator.

Locate the voltage regulator and U6:



Solder a jumper wire to the bottom of the board, being careful not to melt any components or short any traces:



Be sure to test the pulser's operation and the minus 9V supply, after you add the jumper.