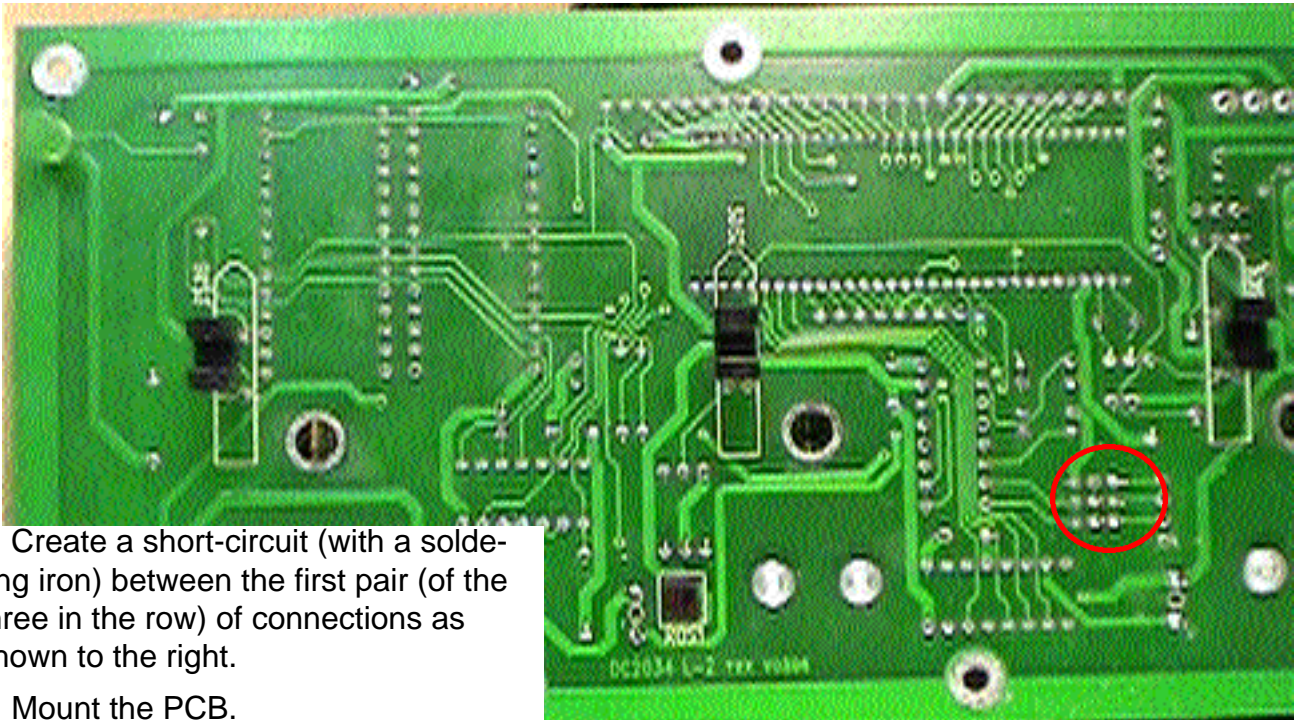


# High-voltage precaution

Some PCs have the (bad) habit of sending a high-voltage pulse over the com-port(s) when they start. If the Duplimate is switched on when this occur, can the pulse damage the machine's main PCB. Normally this will cause the ULN 2003A to burn, which is not an issue (the ULN is a cheap, standard component). But it could also happen that the communication circuit, or in the worst case, the entire motherboard is burnt. Therefore the motherboard should be modified in the described way.

1. Remove the cover ("the hood")
2. Remove the power-supply (3 screws)
3. Remove the motherboard.
4. Locate the encircled area on the BACK of the motherboard:



5. Create a short-circuit (with a soldering iron) between the first pair (of the three in the row) of connections as shown to the right.
6. Mount the PCB.
7. Mount the power-supply and pull the screws GENTLY (aluminium!!).
- 8.. Mark the PCB and the label on the outside of the cover with a "V" (to indicate that this modification has been done).

