

Commodore 16 ram upgrade to 64k howto

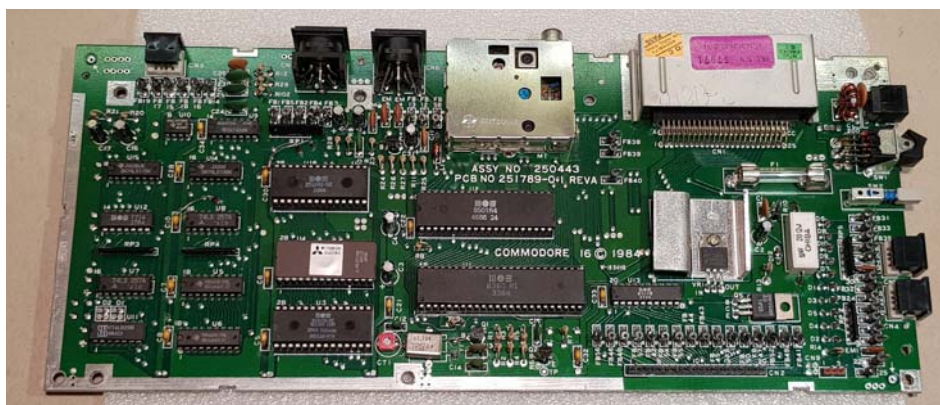
V1.3



Kit includes the following parts:

- 1× daughter board with soldered parts
- 2× 41464 RAM IC
- 2× 16 pins IC socket
- 2× 18 pins IC socket
- 1× 2 pins 90° angle socket for the harness
- 1× short wiring harness with two pins

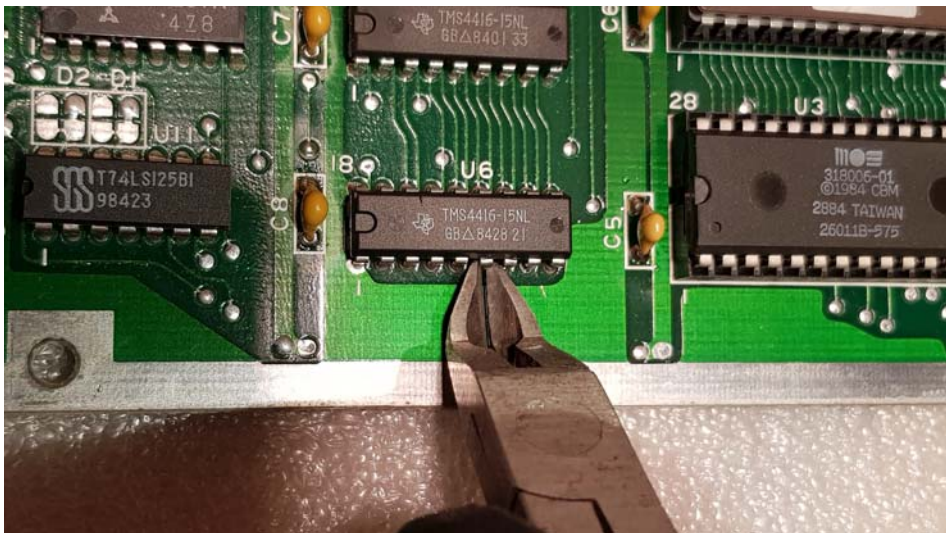
STEP01 – Prepare the C16 mainboard.



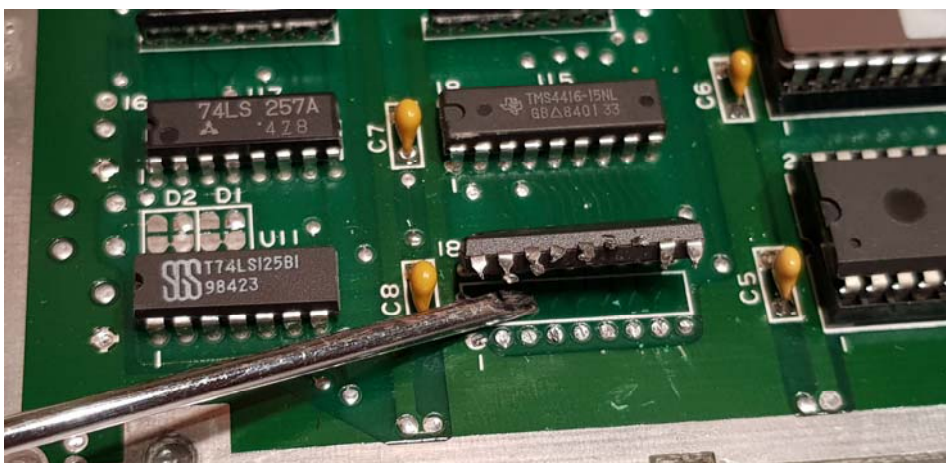
STEP02 – Narrow the left bottom side of the panel. Locate the U5, U6, U7, U8 positions.



STEP03 – Carefully cut the legs of the U5, U6, U7, U8 with an oblique nippers.



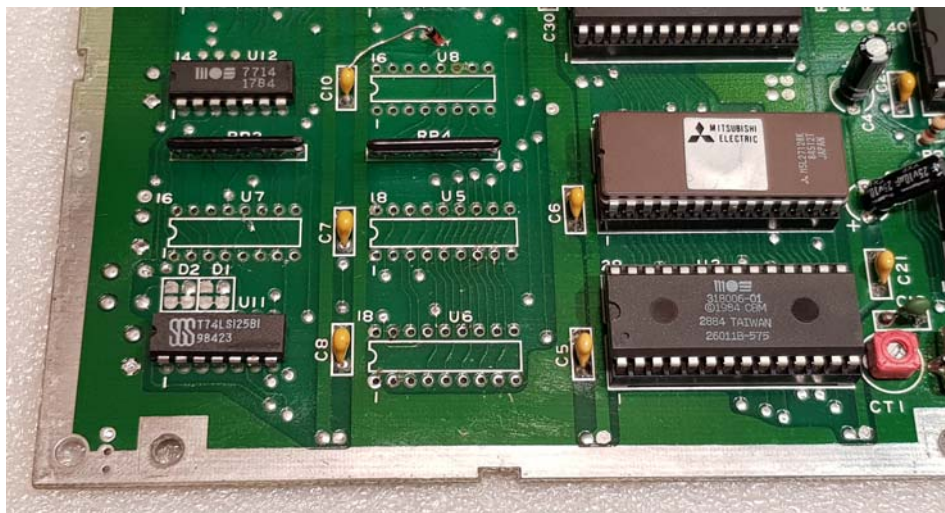
STEP04 – Remove the ICs with a flat head screwdriver. These parts are damaged, but don't worry about, we will not need it.



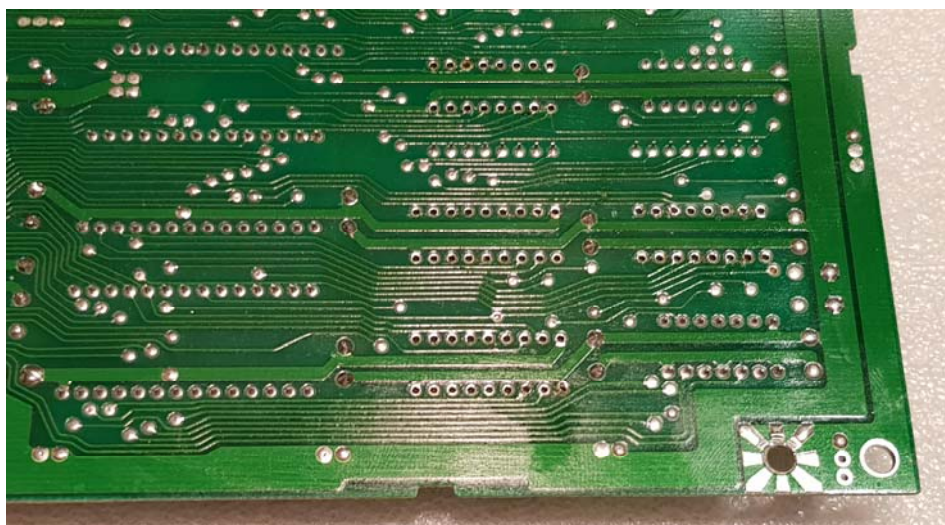
STEP05 – Remove completely the parts from the mainboard.



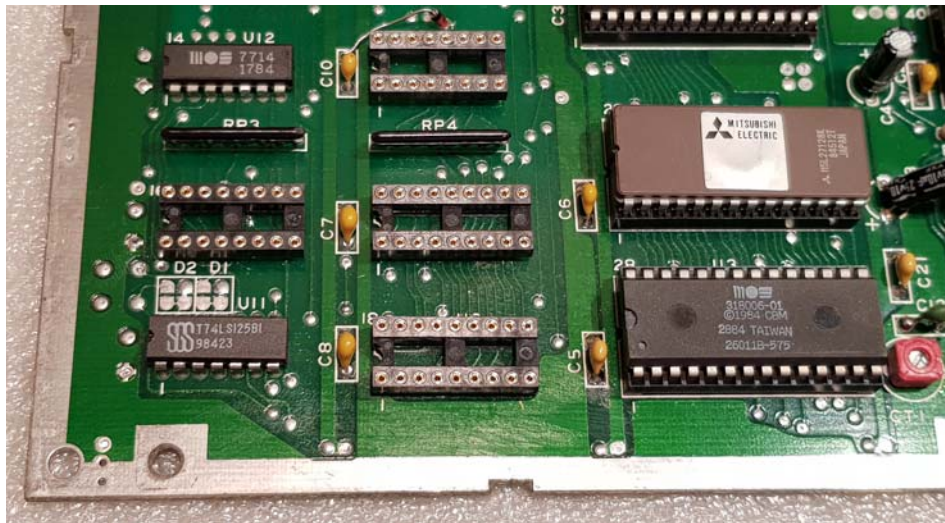
STEP06 – With a desoldering braid carefully remove the legs and the tin solder from the holes. One by one... Use a wide clip if needed.



STEP07 – Do the last step for the bottom side too.



STEP08 – Solder iron the kit included sockets. Pay attention to the polarity!



STEP09 – Insert the 64k ram daughter board to the right place. The gold pins can be bent easily, care must be taken with them. Also install the 64k ram ICs to the 2x9 pin sockets. Pay attention to the polarity!



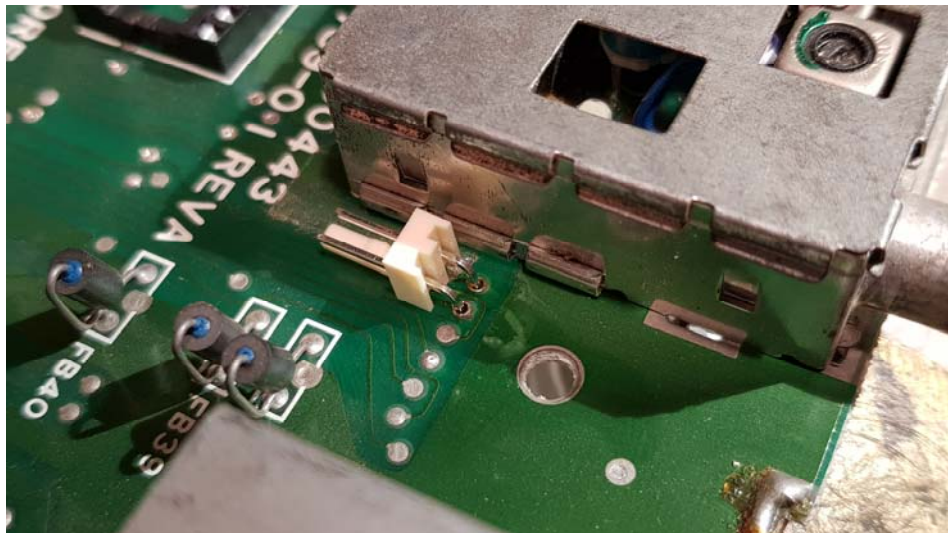
STEP10 – Narrow the next place on the mainboard.



STEP11 – Need a desoldering braid again. Remove the tin solder from the left two holes (both sides).



STEP12 – Insert the two pins connector and solder iron to the mainboard.



STEP13 – Connect the wire harness.



<http://idoregesz.hu>