home

I made CDP 1802 of VIP 2K

I bought LEE HART's VIP 2K from US and made the first CDP 1802.

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I thought that CDP 1802 is a compact " **Membership Card** ", but recently I gave it a 40th Anniversary VIP 2K so I made it. This board becomes Video output correspondence version which generated video timing using ROM. (That's amazing, is not it?)

The VIP 2K has been issued yet and there are places where the farm is also under development and the board is RevA.
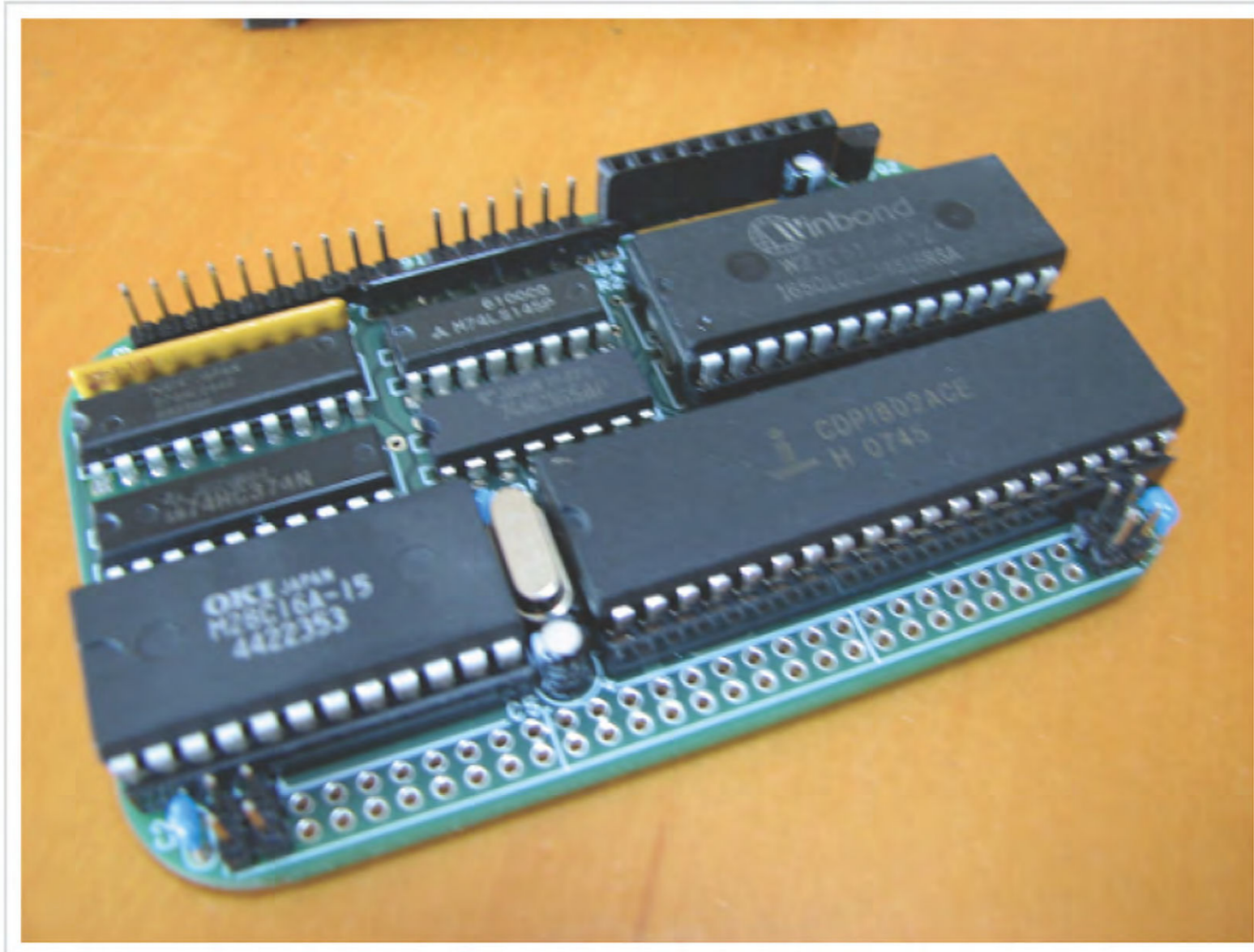
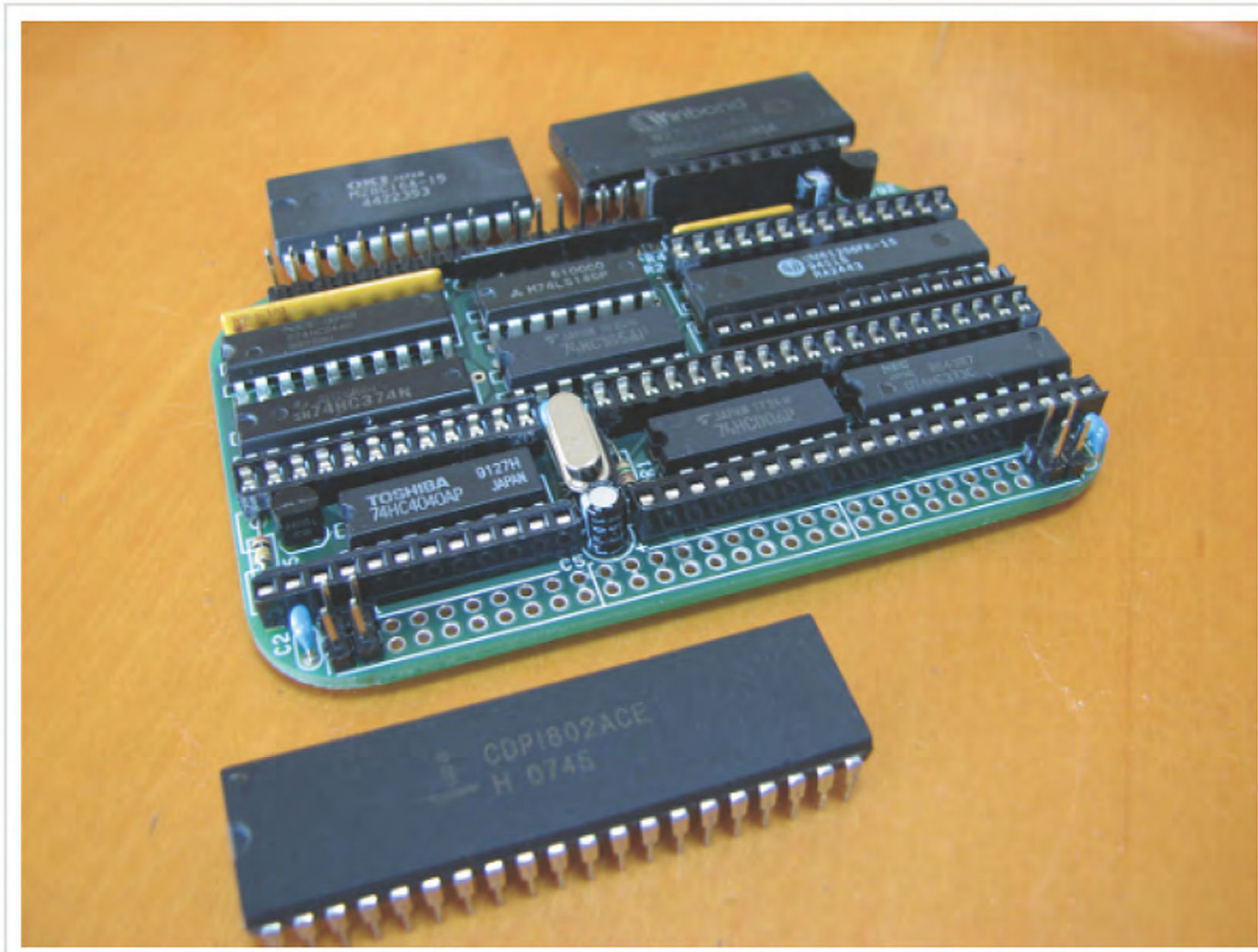The board consists of two boards, MAIN board and keyboard board.

It is CDP 1802 of the CPU to use. Things you got, things you purchased in the country, things you purchased in suspicious places will be three kinds.
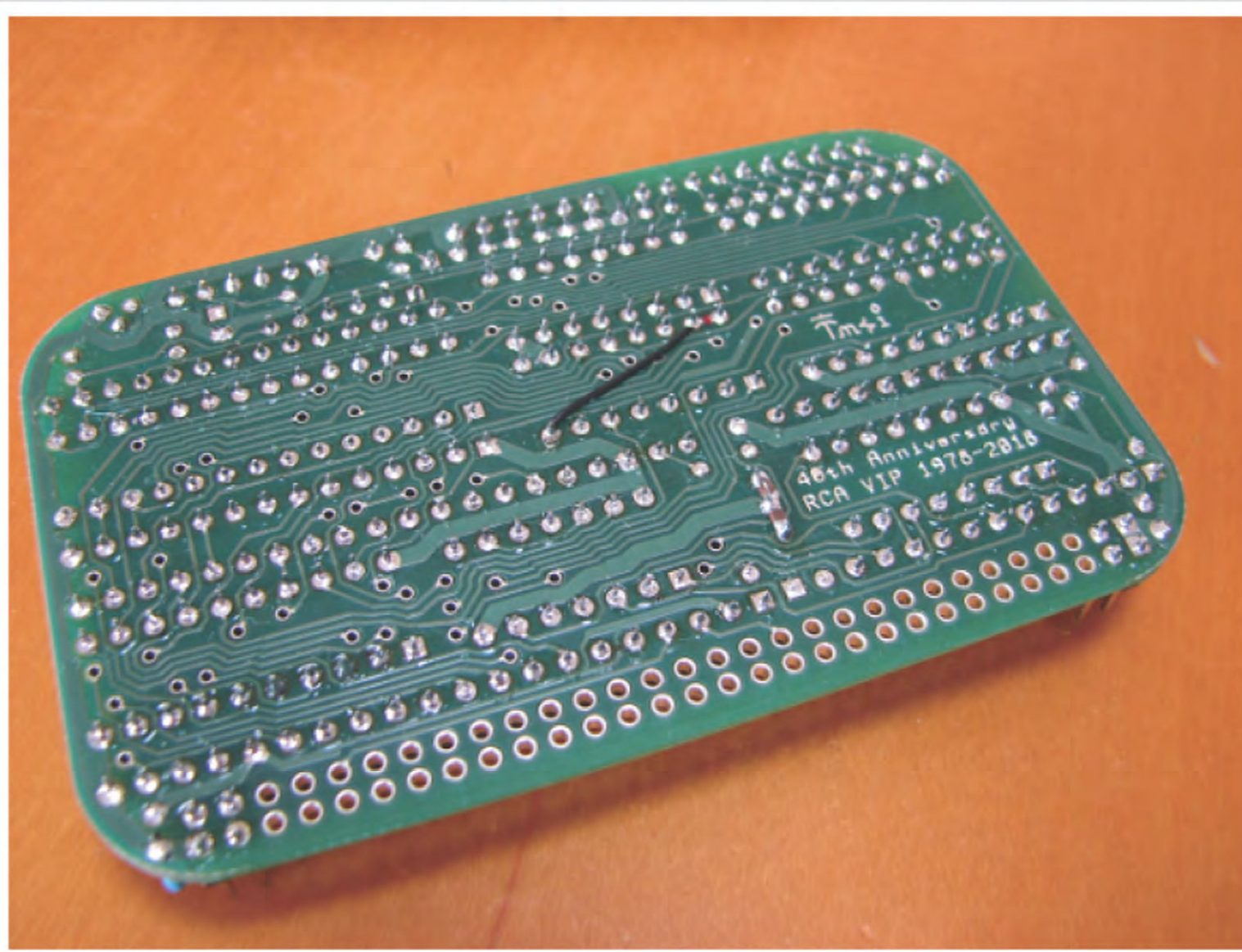
It becomes MAIN board. Because there was no 4 MHz resonator, I used 4 MHz crystal resonator and chip capacitor.
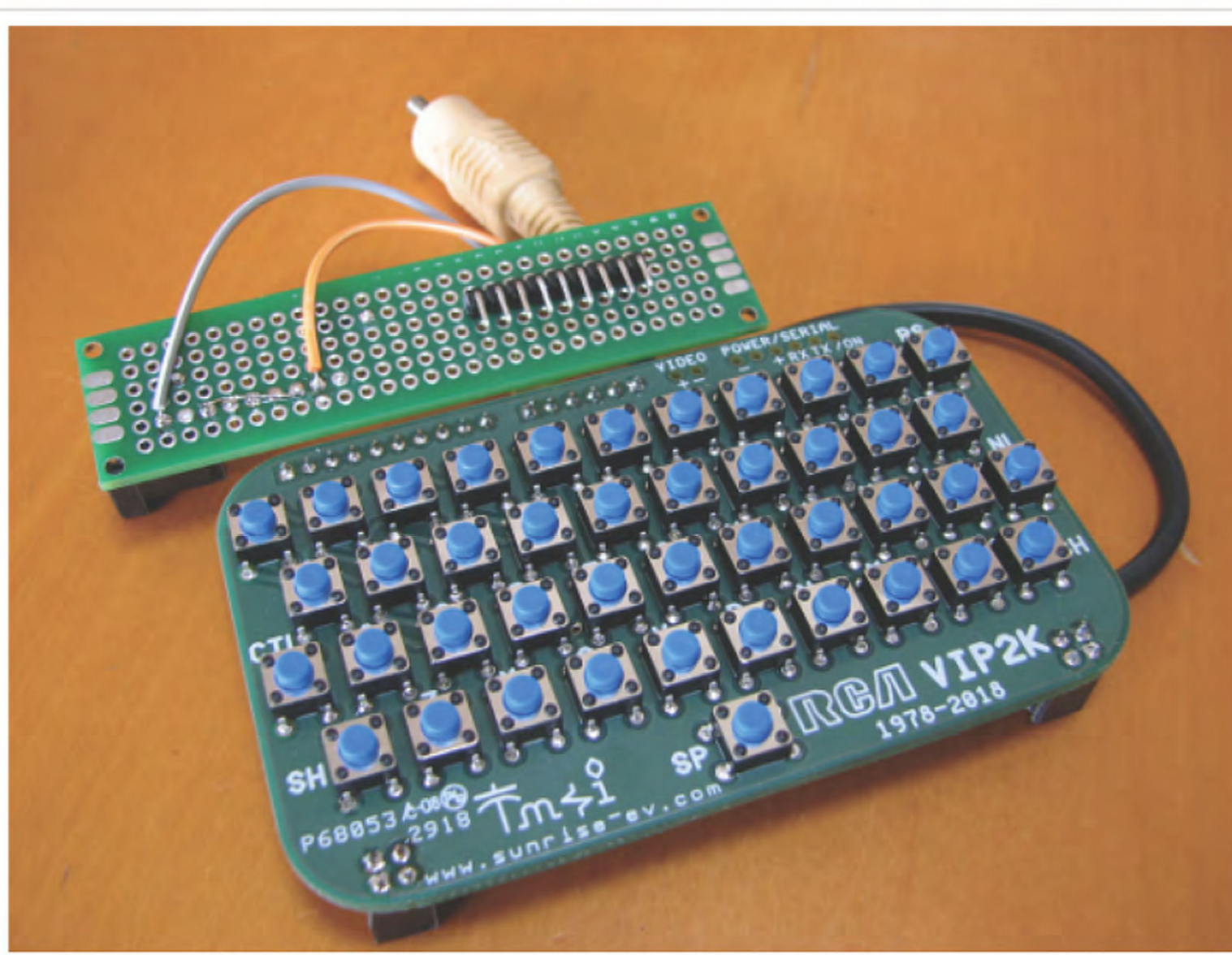

300 mil IC is hidden under the 600 mil IC like the Membership Card (Rev G or later) due to its size. This time, I made 300 mil IC without socket.
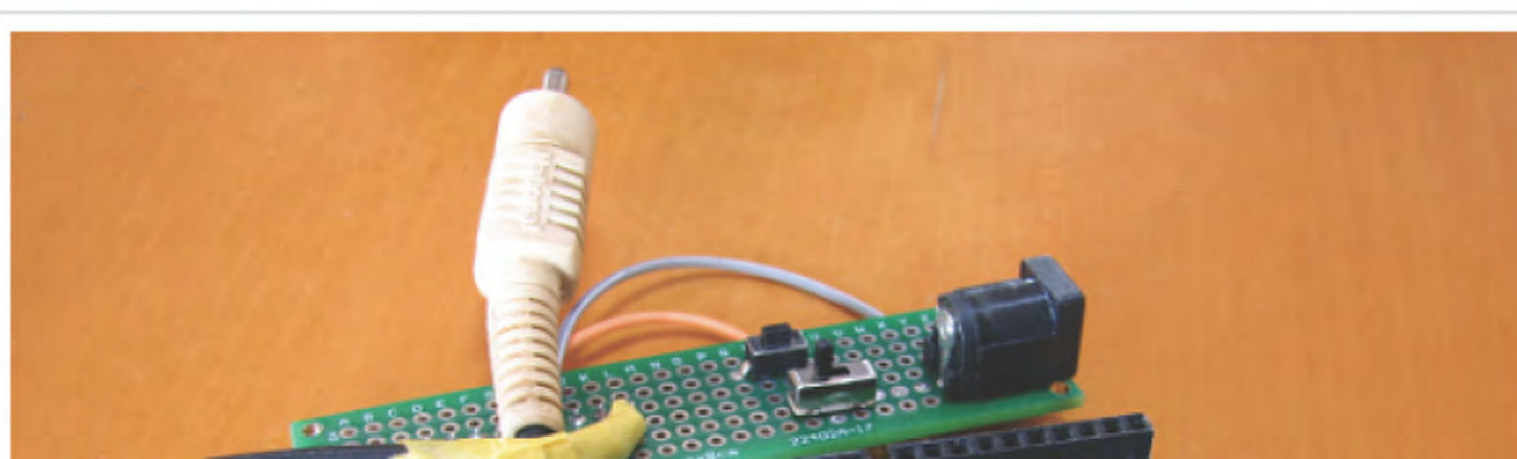

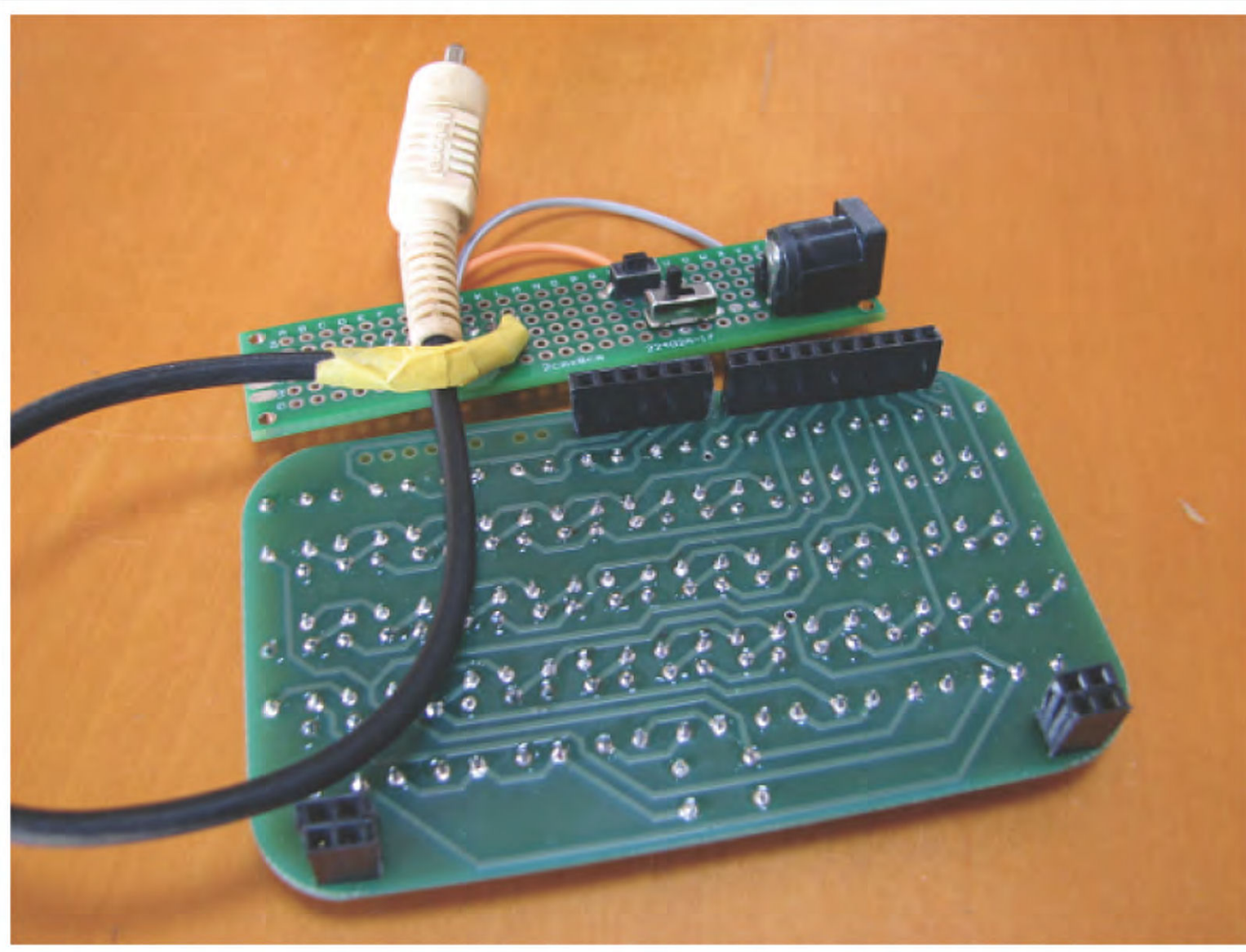RevA requires 1 pattern cut and jumper.

It is a board made for keyboard board and power supply. It is on the way because there is no tin plating wire.
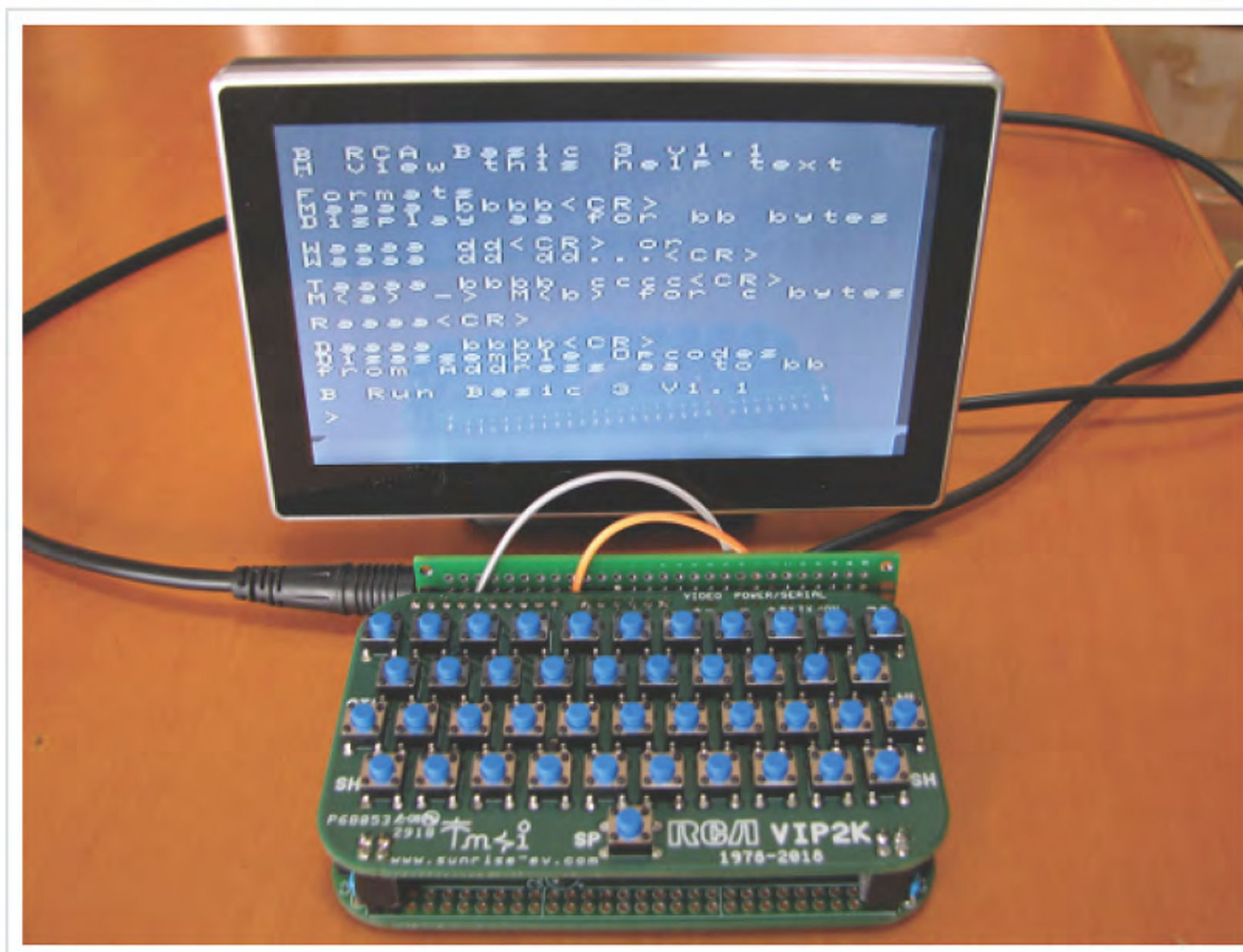

It is the backside.

It is in a state where the board is connected and started. When I turned on the power for the first time I thought that the screen got a noise, but after the second power ON the screen will be normal and the screen below will be the screen after entering "H" key.

It is described in assembly notes in detail and how to check after startup so we were able to assemble with confidence.

I would like to thank LEE HART, Chuck and the COSMAC ELF Forum .