

192 kB VRAM for MSX2-computers

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Warning:

The most important part in the computer is the printed circuit board (PCB). Parts can be replaced, but not the PCB. Do not try to unsolder the parts, but cut them loose and then remove the solder pins. The use of IC sockets is recommended.

Requisites:

- 2 pieces 41464 (or equivalent)

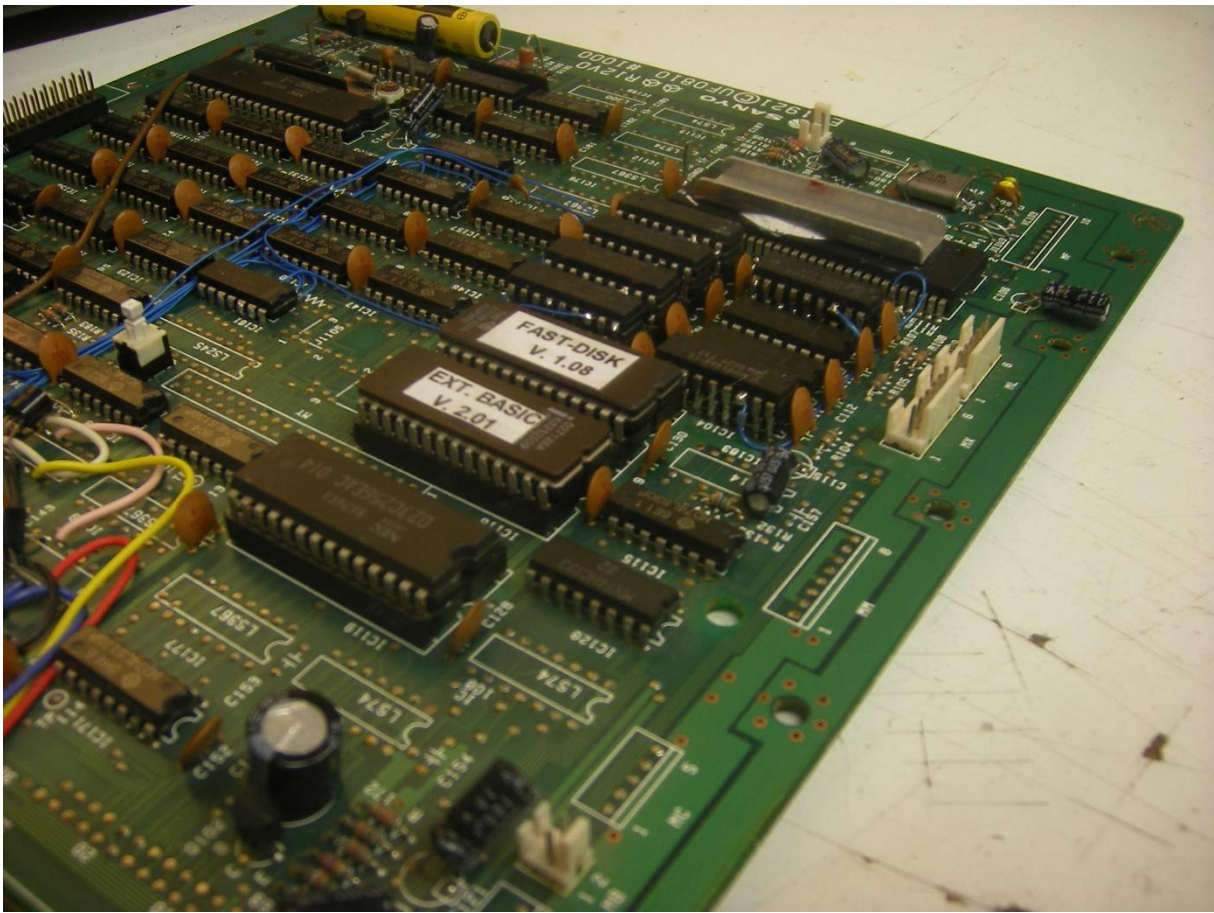
Preparation:

- Shorten pin 16 on both 41464's.

Installation:

- Place the 41464's on one of the memory chips each, as indicated in the table below. You can make a choice yourself; take an indicated pair which suits best (easiest).
- Solder a wire between pin 16 of both 41464's and pin 59 of the video processor, this can be a V9938 or a V9958.

MSX brand	MSX type	Choice 1	Choice 2	IC no. VDP
Philips	VG 8230	U29 / U32	U30 / U31	U28
Philips	VG 8235/00	U14 / U17	U15 / U16	U25
Philips	VG 8235/20	U16 / U19	U17 / U18	U15
Philips	NMS 8220	U1 / U4	U2 / U3	U6
Philips	NMS 8245	U16 / U19	U17 / U18	U15
Philips	NMS 8250	IC102 / IC105	IC103 / IC104	IC106
Philips	NMS 8255	IC102 / IC105	IC103 / IC104	IC106
Philips	NMS 8280	IC102 / IC105	IC103 / IC104	IC106
Sony	HB-F9*	IC6 / IC7	IC29 / IC30	IC8
Sony	HB-F500*	IC7 / IC12	IC58 / IC59	IC25
Sony	HB-F700*	IC302 / IC304	IC303 & IC305	IC301
Sony	HB-G900*	IC309 / IC312	IC 310 / IC311	IC313
Sony	HB-G900AP	IC309 / IC312	IC 310 / IC311	IC313



192 kB VRAM in a Philips NMS 8250.